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ASSESSMENT REPORT

describing

DIAMOND AND REVERSE CIRCULATION PERCUSSION DRILLING, EXCAVATOR TRENCHING, SOIL SAMPLING, AND GEOPHYSICAL AND AIRPHOTO SURVEYS

at the

KLAZA PROPERTY

Klaza, Dic and Eagle Claims

NTS 115I/3
Latitude 62°08´N; Longitude 137°17´W

located in the

Whitehorse Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

For

ROCKHAVEN RESOURCES LTD.

By

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

May 2012

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14A	KL 10+150 mE Drill Section	In pocket
14B	KL 10+150 mE Assay Histogram	In pocket
15A	KL 10+200 mE Drill Section	In pocket
15B	KL 10+200 mE Assay Histogram	In pocket
16A	KL 10+250 mE Drill Section	In pocket

16B	KL 10+250 mE Assay Histogram	In pocket
17A	KL 10+300 mE Drill Section	In pocket
17B	KL 10+300 mE Assay Histogram	In pocket
18A	KL 10+350 mE Drill Section	In pocket
18B	KL 10+350 mE Assay Histogram	In pocket
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INTRODUCTION

The Klaza property lies within the Dawson Range Gold Belt in southwestern Yukon. It hosts gold-silver mineralization associated with a series of subparallel vein and breccia zones. The property is owned by Rockhaven Resources Ltd.

From June to September 2011, Rockhaven conducted an exploration program involving: i) 13,630 m of diamond drilling; ii) 2,940 m of reverse circulation percussion drilling; iii) 4050 m of excavator trenching; iv) soil geochemical sampling; v) 326 line km airborne magnetic and radiometric surveys; and, vi) 76 line km airphoto survey. Archer, Cathro & Associates (1981) Limited managed the exploration program. Most of the work was done from a tent camp on the property. The authors participated in and supervised the program. Appendix I contains the authors' Statements of Qualifications.

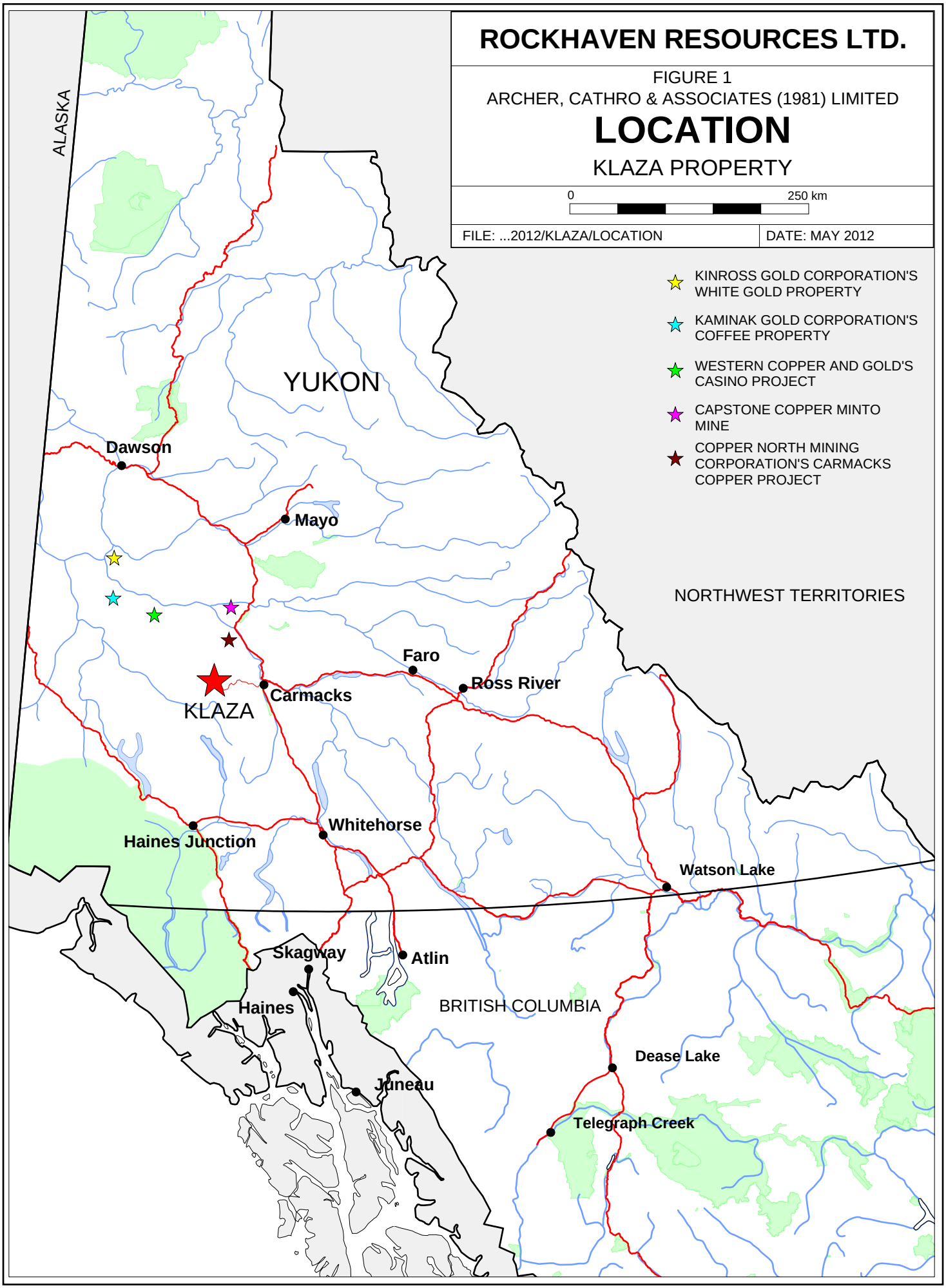
PROPERTY LOCATION, CLAIM DATA AND ACCESS

The property is located in southwestern Yukon at latitude 62°07′ north and longitude 137°17′ west on NTS 115I/3 (Figure 1). It consists of 333 contiguous mineral claims registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Rockhaven. Claim registration data are listed below while the locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
Klaza 1-2F	YC37984-YC37985	January 11, 2020
3-10	YC37986-YC37993	January 11, 2020
11-14F	YC37994-YC37997	January 11, 2020
15-17	YC37998-YC38000	January 11, 2020
18-22	YC39051-YC39055	January 11, 2020
23F-24F	YC39056-YC39057	January 11, 2020
25-40	YD09205-YD09220	January 7, 2020
43-64	YD09223-YD09244	January 7, 2020
65F-66F	YC99541-YC99542	January 11, 2020
68-129	YD07149-YD07210	January 11, 2020
133-166	YD07214-YD07247	January 11, 2020
167-308	YD119737-YD119878	January 11, 2016
309	YD110502	January 11, 2016
310-311	YC97706-YC97707	January 11, 2017
314-316	YC97722-YC97724	January 11, 2017
Dic 1-7	YA93470-YA93476	January 11, 2017
101-106	YB35470-YB35475	January 11, 2018
Eagle 1-12	YB35415-YB35426	January 11, 2018

*Expiry dates include 2011 work which has been filed for assessment credit but not yet accepted.

The Klaza property is located 50 km due west of Carmacks and can be reached from Whitehorse by driving 180 km north on Highway #2 (the Klondike Highway) to Carmacks, then 60 km west


ROCKHAVEN RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LOCATION
KLAZA PROPERTY
0
250 km
FILE: ...2012/KLAZA/LOCATION
DATE: MAY 2012
KINROSS GOLD CORPORATION'S WHITE GOLD PROPERTY
KAMINAK GOLD CORPORATION'S COFFEE PROPERTY
WESTERN COPPER AND GOLD'S CASINO PROJECT
CAPSTONE COPPER MINTO MINE
COPPER NORTH MINING CORPORATION'S CARMACKS COPPER PROJECT
ALASKA
YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
Dawson
Mayo
Faro
Ross River
Carmacks
KLAZA
Haines Junction
Whitehorse
Watson Lake
Skagway
Atlin
Haines
Dease Lake
Juneau
Telegraph Creek

T.N.

22°32'

Grid north

Magnetic north

3,900

4,200

4,700

3,700

4,000

4,400

4,300

4,800

6 896 000 mN

6 894 000 mN

6 892 000 mN

6 890 000 mN

6 888 000 mN

372 000 mE

374 000 mE

376 000 mE

378 000 mE

380 000 mE

382 000 mE

384 000 mE

KLAZA 307 YD119877
KLAZA 308 YD119878
KLAZA 305 YD119875
KLAZA 285 YD119855
KLAZA 306 YD119876
KLAZA 286 YD119856
KLAZA 303 YD119873
KLAZA 283 YD119853
KLAZA 263 YD119833
KLAZA 304 YD119874
KLAZA 284 YD119854
KLAZA 264 YD119834
KLAZA 301 YD119871
KLAZA 281 YD119851
KLAZA 261 YD119831
KLAZA 241 YD119811
KLAZA 302 YD119872
KLAZA 282 YD119852
KLAZA 262 YD119832
KLAZA 242 YD119812
KLAZA 299 YD119869
KLAZA 279 YD119849
KLAZA 259 YD119829
KLAZA 239 YD119809
KLAZA 219 YD119789
KLAZA 300 YD119870
KLAZA 280 YD119850
KLAZA 260 YD119830
KLAZA 240 YD119810
KLAZA 220 YD119790
KLAZA 297 YD119867
KLAZA 277 YD119847
KLAZA 257 YD119827
KLAZA 237 YD119807
KLAZA 217 YD119787
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KLAZA 278 YD119848
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KLAZA 186 YD119756
KLAZA 295 YD119865
KLAZA 275 YD119845
KLAZA 255 YD119825
KLAZA 235 YD119805
KLAZA 215 YD119785
KLAZA 185 YD119755
KLAZA 184 YD119754
KLAZA 296 YD119866
KLAZA 276 YD119846
KLAZA 256 YD119826
KLAZA 236 YD119806
KLAZA 216 YD119786
KLAZA 183 YD119753
KLAZA 182 YD119752
KLAZA 293 YD119863
KLAZA 273 YD119843
KLAZA 253 YD119823
KLAZA 233 YD119803
KLAZA 213 YD119783
KLAZA 180 YD119750
KLAZA 294 YD119864
KLAZA 274 YD119844
KLAZA 254 YD119824
KLAZA 234 YD119804
KLAZA 154 YD07235
KLAZA 181 YD119751
KLAZA 291 YD119861
KLAZA 271 YD119841
KLAZA 251 YD119821
KLAZA 231 YD119801
KLAZA 214 YD119784
KLAZA 153 YD07234
KLAZA 178 YD119748
KLAZA 292 YD119862
KLAZA 272 YD119842
KLAZA 252 YD119822
KLAZA 232 YD119802
KLAZA 211 YD119781
KLAZA 156 YD07237
KLAZA 179 YD119749
KLAZA 176 YD119746
KLAZA 289 YD119859
KLAZA 269 YD119839
KLAZA 249 YD119819
KLAZA 229 YD119799
KLAZA 209 YD119779
KLAZA 212 YD119782
KLAZA 155 YD07236
KLAZA 108 YD07189
KLAZA 177 YD119747
KLAZA 174 YD119744
KLAZA 290 YD119860
KLAZA 270 YD119840
KLAZA 250 YD119820
KLAZA 230 YD119800
KLAZA 210 YD119780
KLAZA 158 YD07239
KLAZA 110 YD07191
KLAZA 175 YD119745
KLAZA 172 YD119742
KLAZA 287 YD119857
KLAZA 267 YD119837
KLAZA 247 YD119817
KLAZA 227 YD119797
KLAZA 207 YD119777
KLAZA 157 YD07238
KLAZA 109 YD07190
KLAZA 112 YD07193
KLAZA 173 YD119743
KLAZA 169 YD119739
KLAZA 288 YD119858
KLAZA 268 YD119838
KLAZA 248 YD119818
KLAZA 228 YD119798
KLAZA 208 YD119778
KLAZA 160 YD07241
KLAZA 151 YD07232
KLAZA 111 YD07192
KLAZA 114 YD07195
KLAZA 171 YD119741
KLAZA 170 YD119740
KLAZA 265 YD119835
KLAZA 245 YD119815
KLAZA 225 YD119795
KLAZA 205 YD119775
KLAZA 159 YD07240
KLAZA 152 YD07233
KLAZA 113 YD07194
KLAZA 116 YD07197
KLAZA 167 YD119737
KLAZA 266 YD119836
KLAZA 246 YD119816
KLAZA 226 YD119796
KLAZA 206 YD119776
KLAZA 162 YD07243
KLAZA 149 YD07230
KLAZA 115 YD07196
KLAZA 118 YD07199
KLAZA 168 YD119738
KLAZA 243 YD119813
KLAZA 223 YD119793
KLAZA 203 YD119773
KLAZA 164 YD07245
KLAZA 161 YD07242
KLAZA 106 YD07187
KLAZA 150 YD07231
KLAZA 117 YD07198
KLAZA 107 YD07188
KLAZA 120 YD07201
KLAZA 244 YD119814
KLAZA 224 YD119794
KLAZA 204 YD119774
KLAZA 163 YD07244
KLAZA 147 YD07228
KLAZA 104 YD07185
KLAZA 96 YD07177
KLAZA 119 YD07200
KLAZA 122 YD07203
KLAZA 221 YD119791
KLAZA 201 YD119771
KLAZA 166 YD07247
KLAZA 145 YD07226
KLAZA 148 YD07229
KLAZA 105 YD07186
KLAZA 97 YD07178
KLAZA 121 YD07202
KLAZA 124 YD07205
KLAZA 222 YD119792
KLAZA 202 YD119772
KLAZA 165 YD07246
KLAZA 146 YD07227
KLAZA 102 YD07183
KLAZA 94 YD07175
KLAZA 79 YD07160
KLAZA 123 YD07204
KLAZA 126 YD07207
KLAZA 199 YD119769
KLAZA 198 YD119768
KLAZA 143 YD07224
KLAZA 103 YD07184
KLAZA 95 YD07176
KLAZA 78 YD07159
KLAZA 125 YD07206
KLAZA 128 YD07209
KLAZA 200 YD119770
KLAZA 196 YD119766
KLAZA 144 YD07225
KLAZA 100 YD07181
KLAZA 92 YD07173
KLAZA 81 YD07162
KLAZA 69 YD07150
KLAZA 127 YD07208
KLAZA 197 YD119767
KLAZA 194 YD119764
KLAZA 98 YD07179
KLAZA 101 YD07182
KLAZA 93 YD07174
KLAZA 80 YD07161
KLAZA 68 YD07149
KLAZA 129 YD07210
KLAZA 195 YD119765
KLAZA 192 YD119762
KLAZA 99 YD07180
KLAZA 90 YD07171
KLAZA 83 YD07164
KLAZA 71 YD07152
KLAZA 33 YD09213
KLAZA 193 YD119763
KLAZA 190 YD119760
KLAZA 88 YD07169
KLAZA 91 YD07172
KLAZA 82 YD07163
KLAZA 70 YD07151
KLAZA 34 YD09214
KLAZA 191 YD119761
KLAZA 188 YD119758
KLAZA 85 YD07166
KLAZA 73 YD07154
KLAZA 31 YD09211
KLAZA 35 YD09215
KLAZA 189 YD119759
KLAZA 89 YD07170
KLAZA 84 YD07165
KLAZA 72 YD07153
KLAZA 32 YD09212
KLAZA 44 YD09224
KLAZA 142 YD07223
KLAZA 87 YD07168
KLAZA 75 YD07156
KLAZA 29 YD09209
KLAZA 37 YD09217
KLAZA 43 YD09223
KLAZA 187 YD119757
KLAZA 140 YD07221
KLAZA 96 YD07167
KLAZA 74 YD07155
KLAZA 30 YD09210
KLAZA 13 YC37996
KLAZA 36 YD09216
KLAZA 39 YD09219
KLAZA 38 YD09218
KLAZA 311 YC97707
KLAZA 141 YD07222
KLAZA 138 YD07219
KLAZA 77 YD07158
KLAZA 27 YD09207
KLAZA 15 YC37998
KLAZA 40 YD09220
KLAZA 139 YD07220
KLAZA 136 YD07217
KLAZA 76 YD07157
KLAZA 28 YD09208
KLAZA 16 YC37999
KLAZA 17 YC38000
KLAZA 310 YC97706
KLAZA 137 YD07218
KLAZA 134 YD07215
KLAZA 25 YD09205
KLAZA 26 YD09206
KLAZA 1 YC37984
KLAZA 18 YC39051
KLAZA 19 YC39052
KLAZA 135 YD07216
KLAZA 314 YC97722
KLAZA 3 YC37986
KLAZA 20 YC39053
KLAZA 21 YC39054
KLAZA 313 YC97724
KLAZA 2 YC37985
KLAZA 5 YC37988
KLAZA 46 YD09226
KLAZA 23 YC39056
KLAZA 133 YD07214
KLAZA 312 YC97723
DIC 2 YA93471
KLAZA 4 YC37987
KLAZA 22 YC39055
DIC 4 YA93473
DIC 6 YA93475
KLAZA 7 YC37990
DIC 1 YA93470
KLAZA 6 YC37989
KLAZA 47 YD09227
KLAZA 24 YC39057
DIC 3 YA93472
KLAZA 8 YC37991
DIC 5 YA93474
DIC 7 YA93476
EAGLE 4 YB35418
EAGLE 2 YB35416
KLAZA 11 YC37994
EAGLE 6 YB35420
KLAZA 10 YC37993
KLAZA 63 YD09243
EAGLE 8 YB35422
EAGLE 1 YB35415
KLAZA 12 YC37995
EAGLE 10 YB35424
EAGLE 3 YB35417
EAGLE 12 YB35426
EAGLE 7 YB35421
EAGLE 5 YB35419
KLAZA 60 YD09240
KLAZA 65 YD09238
KLAZA 64 YD09244
KLAZA 62 YD09242
EAGLE 9 YB35423
DIC 102 YB35471
DIC 101 YB35470
EAGLE 11 YB35425
KLAZA 61 YD09241
KLAZA 59 YD09239
KLAZA 48 YD09228
KLAZA 49 YD09229
DIC 104 YB35473
DIC 103 YB35472
KLAZA 56 YD09236
KLAZA 54 YD09234
KLAZA 50 YD09230
KLAZA 53 YD09233
DIC 106 YB35475
DIC 105 YB35474
KLAZA 57 YD09237
KLAZA 55 YD09235
KLAZA 52 YD09232
KLAZA 51 YD09231

ROCKHAVEN RESOURCES LTD.

FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

KLAZA PROPERTY

0 500 1000 1500 2000 m

UTM ZONE 8, NAD 83

FILE: 2011/Basemaps/.../Klaza_Claim....wor

DATE: MAY 2012

on the two-wheel drive Nansen Road to the Mount Nansen mine site. The Nansen Road is a narrow gravel road maintained by the Yukon Territorial Government. From the mine site, the road deteriorates in quality but continues approximately 11 km north to the Klaza River valley, passing within 0.5 km of the property. The camp and the main area of exploration interest can be reached by a 1.7 km long four-wheel drive road that connects to the Nansen Road. By road this point is 250 km from Whitehorse and 430 km from the year-round tidewater port at Skagway, Alaska.

HISTORY

The Klaza property covers the Esansee Showing and Rico work target, which are recorded as Yukon Minfile occurrences 115I-067 and 115I-080, respectively (Deklerk, 2004). In 1937, K. Paulson was rumoured to have discovered high grade silver-lead float at what is now the Esansee Showing. The first claims were staked in October 1947 by G. Dickson. He immediately optioned them to Conwest Exploration Limited, which performed minor bulldozer trenching later that year. Dickson restaked the target as West claims in 1960, but these claims were allowed to lapse without reported work.

In 1967, J. Smith and associates of Whitehorse restaked part of the area as the May claims and collected reconnaissance soil samples that yielded anomalous lead and silver values. This group also dug one bulldozer trench but no mineralization was intersected. In 1968, Esansee Explorations Ltd. optioned the adjoining Sue claims that had been staked in September 1967 by J. Wheeler. Esansee performed geochemical surveys in 1967 and 1968, an EM survey in 1968 and bulldozer trenching from 1967 to 1970. In 1968 and 1969 it also built a 14 km tote road from the Mount Nansen mine site to the edge of the property. The option on the Sue group was dropped in 1970.

The western portion of the Klaza property was explored by AEX Minerals Corporation in 1973 and 1974. AEX performed geological mapping, soil and silt sampling and a ground magnetic survey.

The showing was restaked as the Tawa claims in 1979 by BRX Mining & Petroleum Ltd., which explored in 1980 with soil geochemical surveys, three short bulldozer trenches (two of which deepened 1968 trenches) and seven diamond drill holes totalling 447.30 m. In 1981 BRX conducted magnetometer and VLF-EM surveys.

In 1982, the property was restaked again as the Tawa claims by T. Hanlon, who transferred them back to BRX. Chevron Canada Resources Ltd. optioned the property in 1986 and explored with soil sampling, mapping, EM-16 surveys and excavator trenching that year, and road building and bulldozer and excavator trenching in 1987.

BYG Natural Resources Inc. sub-optioned the property from Chevron and explored it with excavator trenching and six diamond drill holes (373.98) in 1988 and three excavator trenches in 1989. In 1996, BYG carried out a large geophysical program that included ground EM and magnetic surveys over most of the Klaza claims. The company followed with several lines of

soil sampling over the southeast corner of the claim block and three drill holes (307.64 m) in 1998. BYG subsequently went bankrupt and the claims went into receivership.

ATAC Resources Ltd. staked the Klaza 1-24 claims in January 2005 and optioned them to Bannockburn Resources Limited in October 2005. In 2006, Bannockburn completed a gradient array induced polarization survey across an 1800 by 1450 m area in the eastern part of the property (Wengzynowski, 2006). This survey identified two prominent chargeability anomalies.

Rockhaven purchased 100% of the Klaza 1-24 claims from ATAC in November 2009 and staked additional claims in 2010. The 2010 exploration program identified bulk tonnage and high grade gold-silver mineralization from both diamond drilling and excavator trenching. Soil geochemical sampling and helicopter-borne magnetic and gamma-ray geophysical surveys were also completed in 2010.

Rockhaven enlarged its property in November 2011 by purchasing the Dic and Eagle claims, which adjoin the southeast boundary of the Klaza claims. These claims had received some historical work, including prospecting, soil and silt sampling and ground VLF-EM and magnetic surveys in 1986 (Heberlein,1986) and 1987 (Sutherland, 1988), and a total of 7.8 km of excavator trenching, none of which reached bedrock.

GEOMORPHOLOGY

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

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

GEOLOGICAL SETTING

Regional Geology

The area containing the Klaza property was visited by J.B. Tyrrell and D.D. Cairnes for the Geological Survey of Canada in 1898 and 1914, respectively and mapped by H.S. Bostock

(1936), D.J. Tempelman-Kluit (1974 and 1984) and G.G. Carlson (1987). The geology was revised in a compilation by Gordey and Makepeace (2000). The following discussion is based on maps prepared by Gordey and Makepeace.

The Klaza property lies within the Yukon-Tanana Terrane (YTT) approximately 100 km southwest of the Tintina Fault (Figure 3). YTT comprises a variety of Late Devonian to Early Mississippian metavolcanic and metasedimentary rocks, and represents both arc and back-arc environments (Colpron et al., 2006; Piercey et al., 2006). The Tintina Fault is a transcurrent structure that experienced about 450 km of dextral strike-slip movement during the Eocene. This movement offset an outlier of YTT in the Finlayson Lake District of southeastern Yukon from the main body of YTT, which lies southwest of the fault.

Regional stratigraphy in the area of the Klaza property is summarized in Table I. The basement rocks near the property are mainly schists and gneisses, which include autochthonous gneisses (Pelly Gneiss), allochthonous metasedimentary rocks (Nisling) and enigmatic units (amphibolite). Basement rocks are cut by foliated plutonic rocks (Long Lake Suite) which with the schists and gneisses were metamorphosed and uplifted in the Jurassic. The youngest rocks in the area are unfoliated and are represented by four plutonic/volcanic events that occurred between the Lower Cretaceous and Tertiary (Whitehorse Suite, Mount Nansen, Prospector Mountain Suite and Carmacks). Local geology in the area of the Klaza property is shown on Figure 4.

TABLE I: REGIONAL LITHOLOGIES

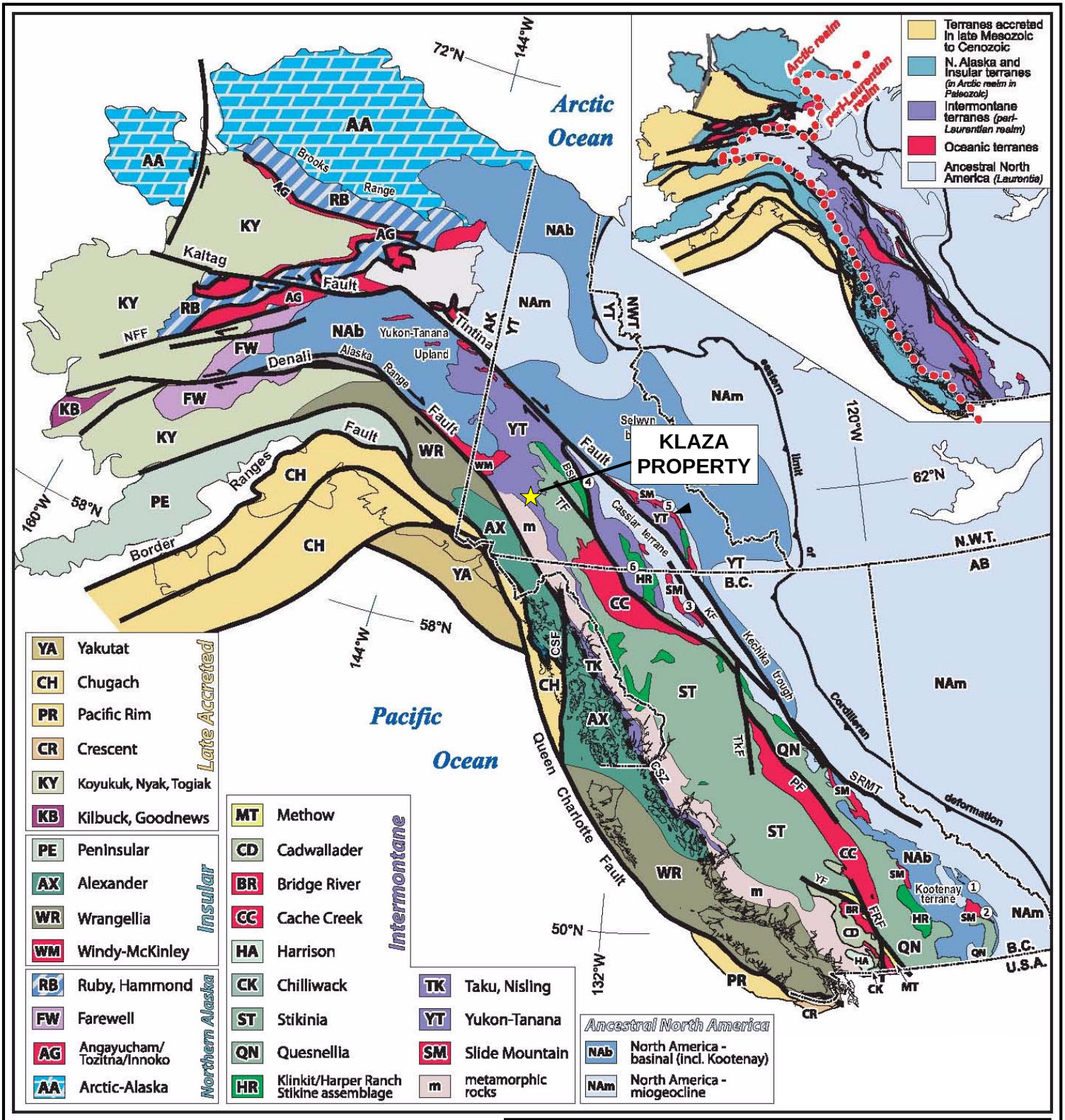
UPPER CRETACEOUS

uKC

uKC: CARMACKS

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

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



ROCKHAVEN RESOURCES LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

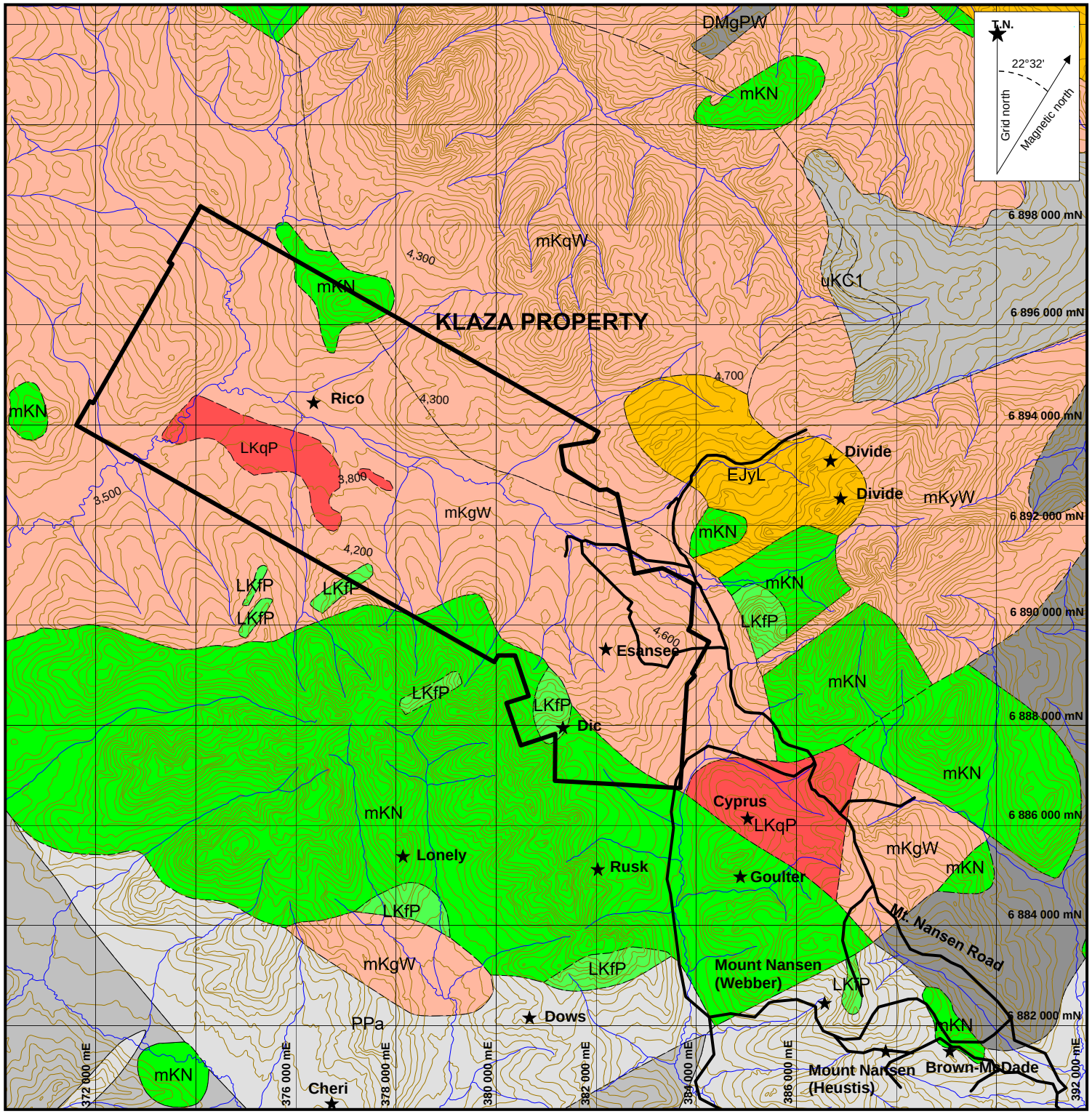
TECTONIC SETTING

KLAZA PROPERTY

0 300 km

FILE: ...2012/KLAZA/KL-F3 Tectonic Setting | DATE: MAY 2012

After Nelson and Colpron, 2007



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

ROCKHAVEN RESOURCES LTD.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

KLAZA PROPERTY

0 2000 m

FILE: ...2012/KLAZA/KL-F3 Tectonic Setting | DATE: MAY 2012

conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble to boulder conglomerate **(Carmacks Gp.)**

LATE CRETACEOUS TO TERTIARY

LKP

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

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

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

d. coarsely crystalline gabbro and diorite

f. quartz-feldspar porphyry

MID-CRETACEOUS

mKN

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

MID-CRETACEOUS

mKW

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

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

g. biotite-hornblende granodiorite, hornblende quartz diorite and

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

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

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

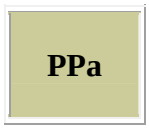
EARLY JURASSIC

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

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

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

PROTEROZOIC AND PALEOZOIC



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

LATE DEVONIAN TO MISSISSIPPIAN

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

q. foliated equigranular medium grained muscovite quartz monzonite; moderately to strongly foliated K-feldspar augen bearing quartz monzonitic to granitic gneiss **(S. Fiftymile Batholith, Mount Burnham Orthogneiss)**

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

LATE PROTEROZOIC AND PALEOZOIC

PPN

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

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

PROPERTY GEOLOGY

On the Klaza property, the Paleozoic or older metamorphic country rocks are not exposed, and the igneous suites are limited to a biotite-hornblende granodiorite stock, which is believed to be of Mid-Cretaceous age and belong to the Whitehorse Suite, plus younger porphyry dykes and minor volcanic cap rocks. The granodiorite contains up to 30% hornblende and biotite, is coarse grained and is non-foliated. Northwest trending porphyry dykes (up to 30 m wide) cut the granodiorite in the main area of interest and elsewhere. These dykes contain up to 15%, 1 to 2 mm orthoclase phenocrysts plus rare biotite and quartz phenocrysts in a buff aphanitic groundmass. Commonly the dykes are strongly fractured and associated with both fault and vein zones. These dykes are considered to be satellites to a Late Cretaceous Prospector Mountain Suite porphyry stock situated immediately east of the property. This intrusive center is thought to be the main heat source for hydrothermal cells responsible for the mineralization at Klaza. Volcanic rocks are found on the periphery of the property and include medium green-grey andesite flows and pyroclastic rocks with occasional buff to tan rhyolitic tuff.

Most of the central and western portions of the property lie within the Klaza River valley, which contains little to no bedrock exposure. Frost boil mapping conducted by Aho (1975) identified porphyry intrusive rocks within this area. These findings have been integrated into the local geology map on Figure 4.

Two main fault trends (NW and NE) are present on the property. The first set strikes north-northwest and dips between 60 and 80° to the southwest. These faults lack strong topographic expression, but they host mineralized veins and breccia zones. They also appear to control the distribution of porphyry dykes. The second set of faults strikes northeast and dips subvertically. They form prominent topographic linears and cut the mineralized zones. These faults vary in their sense and magnitude of displacement.

MINERALIZATION

The Klaza property lies within the Mount Nansen Gold Camp (MNGC), a northwest trending structural corridor that hosts 30 known mineral occurrences. Mineralization within the MNGC exhibits zonation from a weakly mineralized porphyry zone outward to mesothermal and epithermal veins (Cyprus – minfile 115I066). The hydrothermal system is centered around potassic alteration cores related to the porphyry complex (Hart, 1997).

Mineralization discovered to date on the Klaza property consists of fault-controlled, gold and silver bearing epithermal and mesothermal vein and breccia showings hosted within several subparallel structural zones. The main mineralized structures discovered to date include the BRX, Klaza, BYG and HERC zones. All four zones range from 5 to 50 m wide and contain unmineralized quartz-feldspar porphyry dykes and variably mineralized, sheeted veins and veinlets with local breccias. The host granodiorite exhibits pervasive weak argillic alteration within the zones and up to 30 m around them. Sericitization and potassic alteration are found directly adjacent to hydrothermal channel ways. Depth of surface oxidation ranges from 0 to 100 m depending on fracture intensity, the type of mineralization and local geomorphology, with the deepest weathering occurring in strong, pyritic veins located along ridge tops or on south facing slopes.

The mineralization is spatially and probably genetically related to the porphyry dykes, which strike west-northwesterly and dip steeply to moderately towards the south. The dykes pinch and swell in three dimensions and, although coupled with mineralization, are themselves mostly barren.

The structural zones contain veins, veinlets and breccias hosting pyrite, arsenopyrite, galena, sphalerite, stibnite and jamesonite in quartz, carbonate and barite gangue. The sulphide minerals typically comprise 1 to 10% of the rock, often increasing to between 20 and 80% over 25 to 200 cm intervals. Petrographic analysis of a few mineralized core specimens was done by John Payne, Ph.D., P.Geol. of Vancouver Petrographics and his report is found in Appendix II. The petrographic work confirmed the presence of the main sulphide minerals and identified native gold/electrum in one specimen.

Textures and mineralogy observed at the Klaza property indicate that both epithermal and mesothermal vein environments are present. Examples of epithermal veining are seen in three of the four main structural zones with varying intensity. Breccia zones tend to be wider and more frequent where epithermal rather than mesothermal veining predominates, and include rare breccia pipes. The Klaza zone best exemplifies epithermal veining and often shows comb structures, colloform textures and symmetrical banding.

Mesothermal veining is present in all four of the main zones, but is best represented in the more southerly structures. Areas of mesothermal veining have exceptional continuity and generally feature lenses or bands of semi-massive pyrite, arsenopyrite, galena and sphalerite, which are up to 3.5 m across. Silver-lead ratios of approximately 4 oz. Ag: 1% Pb commonly occur within these veins – these high ratios are characteristic of mesothermal systems (Dong, 1995). The BRX zone, which is thought to be primarily mesothermal, is distinguished from the other mineral zones by an apparent lack of brecciation, colloform textures and stockworking.

Quartz is the dominant gangue mineral in both epithermal and mesothermal veins. It occurs in a variety of textures including chalcedonic, comb, banded, speckled and vuggy. Smoky quartz is the most common colour variation; however, milky and clear quartz are locally abundant.

Breccias form tabular zones and occasionally pipes. They commonly consist of heterolithic wallrock clasts, which include granodiorite as well as various volcanic lithologies, and matrices of fine-grained black sulphides with disseminated galena and sphalerite. Breccias are mostly observed within drill core from the Klaza zone where they range up to 2 m in width.

EXCAVATOR TRENCHING

In 2011, trenches totalling approximately 4050 m were completed using a Hitachi 550 excavator and a ripper equipped Caterpillar D7-G bulldozer, both owned and operated by 15317 Yukon Ltd. of Whitehorse. Trench locations were selected based on results from historical programs and pre-stripping done in 2010. The trenches were positioned 100 to 200 m apart and were generally aligned at 030° to intersect the northwest trending structural zones.

A total of 12 trenches were excavated in 2011. Figure 5 is a plan view map showing trench locations and significant assays, while individual trench maps appear in Appendix III. Trench samples taken in 2011 are described on their respective trench maps.

A total of 2384 chip samples were collected from bedrock exposed in trenches. Chip samples were taken along the west rib of each trench or where bedrock was the most stable. Sample preparation and analytical procedures are described in Appendix IV. Certificates of Analysis are in Appendix V.

Excavator trenching has traced the Klaza zone for a strike length of 1100 m. The zone is made up of approximately seven individual veins that range between 0.5 to 3.5 m wide. Some residual pyrite, arsenopyrite, galena, sphalerite, and/or stibnite are present in most vein exposures. Breccia textures are visible in some heavily oxidized exposures. Quartz-feldspar porphyry dykes are common adjacent to veins but are not significantly mineralized.

T.N.
22°32'
Grid north
Magnetic north

Property Boundary

KLAZA
BRX
HERC
BYG

TR-11-33
TR-11-30
TR-11-28
TR-11-32
TR-11-27
TR-10-19
TR-10-10
TR-10-11
TR-10-12
TR-11-24
TR-11-25
TR-10-09
TR-11-26
TR-11-29
TR-11-31
TR-11-23
TR-10-03
TR-10-18
TR-10-21
TR-10-17
TR-11-22
TR-10-14
TR-10-16
TR-10-05
TR-10-02
TR-10-13
TR-10-15
TR-10-04
TR-10-06
TR-10-01
TR-10-08

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

2.05 g/t Au, 163 g/t Ag
1.96 m

4.87 g/t Au, 634 g/t Ag
1.30 m

2.45 g/t Au, 71.5 g/t Ag
2.55 m

4.73 g/t Au, 7.6 g/t Ag
3.00 m

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

1.39 g/t Au, 1140 g/t Ag
0.80 m

2.87 g/t Au, 42.3 g/t Ag
20.10 m

2.33 g/t Au, 34.91 g/t Ag
16.35 m

2.64 g/t Au, 10.6 g/t Ag
4.67 m

2.56 g/t Au, 30.4 g/t Ag
17.70 m

1.86 g/t Au, 23 g/t Ag
5.81 m

7.17 g/t Au, 16 g/t Ag
7.11 m

2.13 g/t Au, 8 g/t Ag
14.68 m

3.06 g/t Au, 48.5 g/t Ag
7.60 m

4.00 g/t Au, 434.8 g/t Ag
8.68 m

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

7.43 g/t Au, 146.4 g/t Ag
2.46 m

4.18 g/t Au, 360 g/t Ag
3.50 m

6.50 g/t Au, 9.8 g/t Ag
4.30 m

35.10 g/t Au, 72.5 g/t Ag
1.03 m

2.94 g/t Au, 330.7 g/t Ag
3.20 m

1.31 g/t Au, 26 g/t Ag
13.89 m

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

1.01 g/t Au, 15.5 g/t Ag
78.03 m

4.02 g/t Au, 76 g/t Ag
3.24 m

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

5.67 g/t Au, 140.1 g/t Ag
1.61 m

10.9 g/t Au, 56.4 g/t Ag
1.25 m

6.40 g/t Au, 27.5 g/t Ag
4.00 m

3.85 g/t Au, 20 g/t Ag
3.90 m

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

2.77 g/t Au, 81.9 g/t Ag
1.89 m

4,200
4,700
4,600

6 890 000 mN
382 000 mE
384 000 mE

Trench sample grading greater than 1.0 g/t and less than 2.0 g/t AuEq

Trench sample grading greater than 2.0 g/t and less than 6.0 g/t AuEq

Trench sample grading greater than 6.0 g/t AuEq

2010/2011 excavator trench

ROCKHAVEN RESOURCES LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2010/2011 TRENCH HIGHLIGHTS

KLAZA PROPERTY

0 m 100 m 200 m 300 m 400 m 500 m

UTM ZONE 8, NAD 83

FILE: 2011/Jared/.../Highgrade_Intervals

DATE: MAY 2012

Results from trenches within the western part of the Klaza zone indicate that the zone bifurcates into a series of narrower mineralized structures. Four trenches in this area, which were spaced 100 m apart, all intersected high grade gold and silver veins along strike of the Klaza zone. Vein exposures in these trenches graded from 4.87 g/t gold and 634 g/t silver across 1.30 m to 1.25 g/t gold and 177 g/t silver across 9.00 m.

One trench that tested the eastern part of the Klaza zone (TR-11-26) returned 7.17 g/t gold and 16 g/t silver over 7.11 m. It was cut 20 m east of the most easterly drill hole. Trench TR-11-22, located 650 m further to the east, exposed a strongly altered zone that averaged 1.31 g/t gold and 26 g/t silver over 13.89 m. Infill work will have to be done to confirm that this is the extension of the Klaza zone.

In general, the gold signature within the Klaza zone is strongest in the central and eastern portions of the zone. Silver-lead grades appear to increase in the western part of the zone. This pattern suggests a more distal setting to the west and a more proximal setting to the east, relative to heat sources.

Fourteen trenches excavated at the BRX zone in 2010 and 2011 traced the structure for a length of 2000 m. All of the vein exposures in the BRX zone host abundant sulphides and quartz veinlets. KL-10-04, in the eastern part of the zone, exposed a broad system of sub-parallel arsenopyrite and galena veins that averaged 1.01 g/t gold and 15.5 g/t silver over 80 m. Higher grade intervals were found in KL-10-18 and KL-10-21, which returned 4.18 g/t gold with 360.0 g/t silver over 3.50 m and 4.00 g/t gold with 434.8 g/t silver over 8.68 m, respectively. The remaining eleven trenches in the BRX zone each returned a significant interval of mineralization, indicating good continuity of structure and grade over the known length of the zone.

The BYG zone has been traced by excavator trenches for 530 m and hosts veins developed along the selvage of two dyke systems. Trench TR-11-26 returned the best result from the BYG zone in 2011 – 6.10 g/t gold and 19 g/t silver over 4.27 m.

The HERC zone was discovered by excavator trenching in 2010, which followed up historical soil geochemical results. The best exposure was in TR-10-12, which returned 3.06 g/t gold and 48.5 g/t silver over 7.60 m. Mineralization at the HERC zone has been traced for a 460 m strike length on surface. Other trenching along the projected strike to the west failed to identify significant mineralization, although strong alteration was exposed along the inferred trend.

Table II lists the significant mineralized intervals from the 2010 and 2011 excavator trenches.

TABLE II: SIGNIFICANT TRENCH RESULTS

Trench ID	Width (m)	Gold (g/t)	Silver (g/t)	Zone
KL-10-01	1.32	1.32	30.4	HERC
KL-10-01	3.00	2.30	24.2	HERC
KL-10-01	5.00	2.91	0.6	HERC
KL-10-01	1.61	5.67	140.1	HERC
KL-10-01	3.24	4.02	76.0	BRX

KL-10-01	4.52	2.48	46.8	BRX
KL-10-01	0.93	9.28	70.3	BRX
KL-10-02	1.89	2.77	81.9	BRX
KL-10-02	5.30	1.85	29.6	BRX
KL-10-02	3.90	3.85	20.0	BRX
KL-10-02	4.30	1.21	14.1	BRX
KL-10-02	2.35	2.04	9.8	BRX
KL-10-02	5.00	1.39	28.3	BRX
KL-10-03	2.70	2.61	14.8	BYG
KL-10-03	2.80	1.58	14.1	BYG
KL-10-03	3.00	6.80	55.7	BYG
KL-10-03	2.46	7.43	146.4	BYG
KL-10-03	1.04	1.92	31.0	BYG
KL-10-03	1.03	35.10	72.5	HERC
KL-10-03	4.30	6.50	9.8	HERC
KL-10-03	2.00	1.16	30.0	HERC
KL-10-03	2.20	1.56	18.6	BRX
KL-10-03	1.25	10.90	56.4	BRX
KL-10-03	1.73	1.07	20.5	BRX
KL-10-04	3.20	2.94	330.7	BRX
KL-10-04	4.26	1.74	49.2	BRX
KL-10-04	1.03	19.8	135.0	BRX
KL-10-04	1.13	7.09	146.0	BRX
KL-10-04	1.50	12.50	237.0	BRX
KL-10-06	4.00	6.40	27.5	BRX
KL-10-07	1.35	7.83	260.2	BRX
KL-10-08	2.50	4.47	1.8	BRX
KL-10-08	5.00	1.70	1.1	BRX
KL-10-08	2.50	3.57	1.4	BRX
KL-10-09	4.20	2.26	19.9	Klaza
KL-10-09	3.00	4.73	7.6	Klaza
KL-10-09	0.80	1.39	1140.0	Klaza
KL-10-09	0.50	1.18	114.0	Klaza
KL-10-09	1.30	1.81	51.1	Klaza
KL-10-09	1.33	0.65	46.6	Klaza
KL-10-09	16.35	2.33	34.9	Klaza
KL-10-10	2.55	2.45	71.5	Klaza
KL-10-10	20.10	2.87	42.3	Klaza
KL-10-11	5.40	2.04	18.7	Klaza
KL-10-11	4.67	2.64	10.6	Klaza
KL-10-11	1.50	2.33	33.0	Klaza
KL-10-11	5.22	1.52	31.2	BYG
KL-10-12	2.20	14.15	188.0	Klaza
KL-10-12	17.70	2.56	30.4	Klaza
KL-10-12	2.10	2.58	12.5	Klaza

KL-10-12	3.00	2.78	9.9	Klaza
KL-10-12	2.00	2.50	106.0	BYG
KL-10-12	7.60	3.06	48.5	HERC
KL-10-12	1.80	0.97	282.9	BRX
KL-10-13	2.00	2.44	5.8	Unnamed
KL-10-14	7.80	1.93	136.5	BRX
KL-10-14	14.40	1.35	33.4	BRX
KL-10-14	2.00	3.28	7.9	BRX
KL-10-15	4.50	2.92	140.0	BRX
KL-10-15	3.00	0.79	391.8	BRX
KL-10-16	7.00	0.96	99.0	BRX
KL-10-16	1.00	0.48	34.3	BRX
KL-10-17	2.30	1.54	71.1	BRX
KL-10-19	1.45	12.45	305.0	Klaza
KL-10-19	1.50	1.77	11.0	Klaza
KL-10-20	3.50	4.18	360.1	BRX
KL-10-21	8.68	4.00	434.8	BRX
KL-11-22	14.50	0.79	8	BYG?
KL-11-22	13.89	1.31	26	Klaza?
KL-11-24	5.81	1.89	23	BRX
KL-11-26	14.68	2.13	8	BYG
Including	4.27	6.10	19	BYG
KL-11-26	7.11	7.17	16	Klaza
Including	2.00	23.90	40	Klaza
KL-10-28	1.96	2.05	163	Klaza
KL-10-30	1.30	4.87	634	Klaza
KL-10-33	9.00	1.25	177	Klaza

DIAMOND DRILLING

A 52 hole diamond drill program was completed on the Klaza property in 2011. The holes were designed to expand on favourable results returned from previous diamond drilling and test targets identified by trenching, geophysical surveys and soil geochemical sampling completed in 2010.

The first hole was collared on June 3, and the last hole was completed on August 28. Drilling was contracted to three companies: Swiftsure Diamond Drilling Ltd. of Nanaimo, British Columbia; Strike Diamond Drilling of Kelowna, British Columbia; and, Elite Diamond Drilling of Vernon, British Columbia. The work was done using two skid mounted, diesel powered A-5 drills and one skid-mounted, diesel powered JKS-300 drill. The A-5 drills used HQ equipment while the JKS-300 used BTW equipment. A total of 13,630 m of diamond drilling was completed.

The plan view locations for all diamond drill holes are plotted on Figure 6, while cross-sections showing geology for all 2011 drill holes and histogram assay plots for the Klaza zone drill holes

Inset

380 500 mE

381 000 mE

6 891 500 mN

6 892 000 mN

6 890 000 mN

6 890 000 mN

380 000 mE

382 000 mE

384 000 mE

4,200

4,100

4,200

4,700

T.N.

22°32'

Grid north

Magnetic north

0 m

150 m

See Inset

Property Boundary

DDH-11-42
DDH-11-33
DDH-11-26
DDH-10-01
DDH-11-35
DDH-88-02
DDH-11-21
DDH-11-15
DDH-10-07
DDH-10-02
DDH-11-34
DDH-11-16
DDH-11-12
DDH-10-03
DDH-11-18
DDH-11-14
DDH-11-25
DDH-11-19
DDH-11-13
DDH-11-38
DDH-11-17
DDH-11-27
DDH-11-40
DDH-11-20
DDH-10-05
DDH-11-43
DDH-11-47
DDH-11-31
DDH-11-41
DDH-11-46
DDH-11-53
DDH-11-44
KL-11-50
DDH-11-37
DDH-11-57
DDH-11-52
DDH-11-56
DDH-11-55
DDH-11-59
DDH-11-63
DDH-11-58
DDH-11-61
DDH-11-60
DDH-11-62
DDH-11-54
DDH-11-49
DDH-11-45
DDH-11-42
DDH-11-39
DDH-11-37
DDH-11-35
DDH-11-33
DDH-80-01
DDH-80-03
DDH-11-30
DDH-80-02
DDH-80-04
DDH-11-22
DDH-88-05
DDH-11-23
DDH-88-06
DDH-11-29
DDH-11-48
DDH-11-51
DDH-10-08
DDH-98-09
DDH-80-07
DDH-11-24
DDH-10-06
DDH-88-04
DDH-10-04
DDH-10-09
DDH-88-01
DDH-80-06
DDH-88-02
DDH-88-03

Historical diamond drill hole

2010 diamond drill hole

2011 diamond drill hole

ROCKHAVEN RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DIAMOND DRILL HOLE LOCATIONS

KLAZA PROPERTY

0 m 200 m 400 m 600 m 800 m

UTM ZONE 8, NAD 83

FILE: 2011/Basemaps/.../proposed_drilling_trenching

DATE: MAY 2012

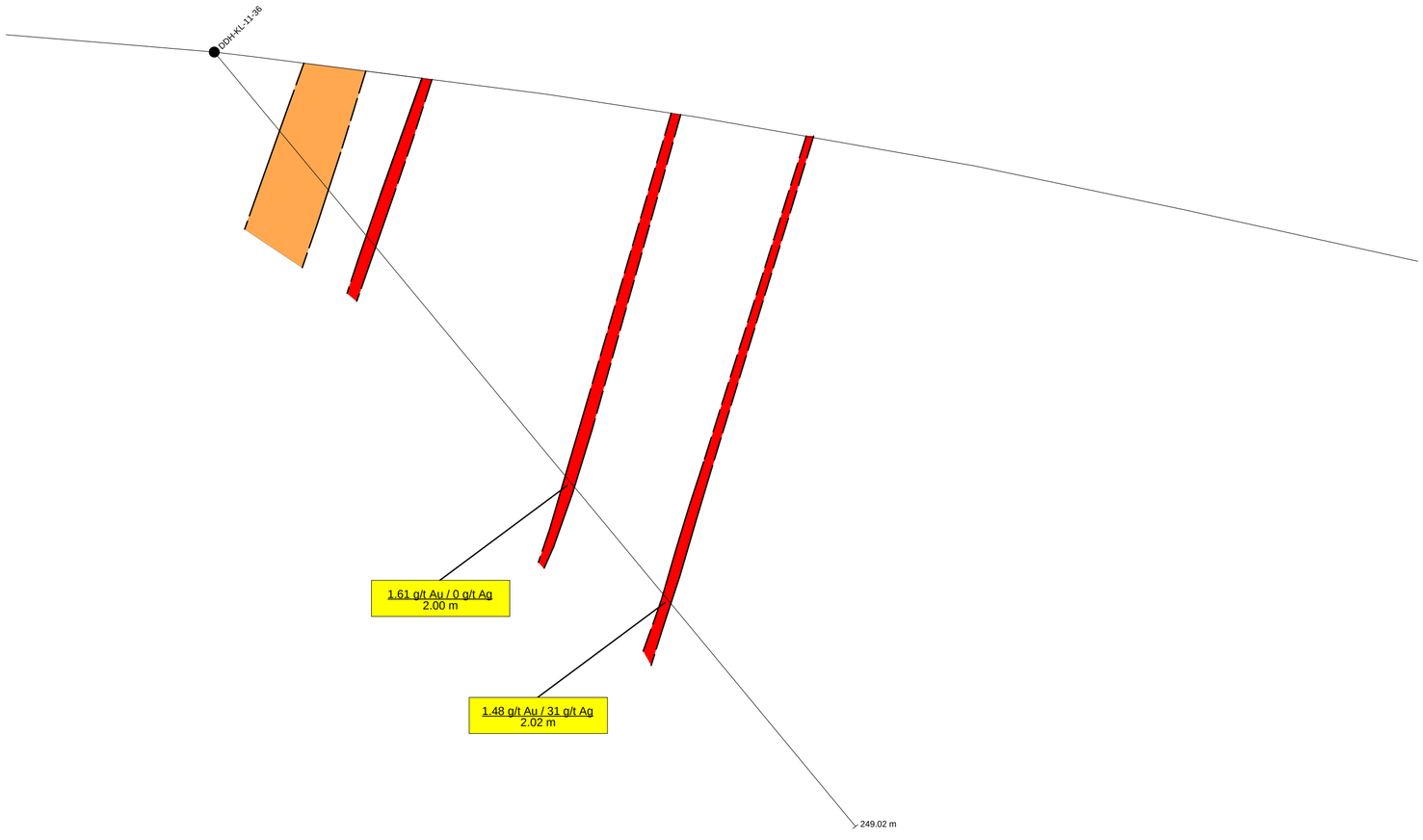
are illustrated on Figures 7 to 30. Sampling and Analytical Procedures for the core are explained in Appendix IV, Certificates of Analyses are provided in Appendix V, 2011 Diamond Drill Hole Results and Observations are summarized in Appendix VI and Geological and Geotechnical Logs are given in Appendix VII. Key data concerning the 2011 diamond drill holes are shown on Table III.

TABLE III: DIAMOND DRILL HOLE DATA

Hole	Name of Zone	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip Angle	Length (m)
DDH-12	Klaza	382724	6890305	1363	035	-50	282.59
DDH-13	Klaza	382801	6890232	1366	035	-50	215.5
DDH-14	Klaza	382686	6890258	1369	035	-50	327.66
DDH-15	Klaza	382789	6890385	1351	035	-50	139.29
DDH-16	Klaza	382816	6890340	1354	035	-50	181.35
DDH-17	Klaza	382764	6890180	1375	035	-50	312.72
DDH-18	Klaza	382779	6890291	1362	035	-50	230.73
DDH-19	Klaza	382743	6890242	1368	035	-50	288.65
DDH-20	Klaza	382724	6890129	1382	035	-50	419.4
DDH-21	Klaza	382721	6890384	1355	035	-50	239.87
DDH-22	BRX	382357	6889628	1393	035	-50	102.2
DDH-23	BRX	382323	6889587	1389	035	-50	136.25
DDH-24	BRX	382620	6889365	1426	035	-50	361.8
DDH-25	Klaza	382870	6890239	1359	035	-50	199.94
DDH-26	Klaza	382758	6890433	1349	035	-50	181.97
DDH-27	Klaza	382832	6890188	1369	035	-50	260.91
DDH-28	Klaza	382687	6890340	1361	035	-50	281.03
DDH-29	BRX	382505	6889518	1411	035	-50	114.9
DDH-30	BRX	382255	6889721	1387	035	-50	96.01
DDH-31	Klaza	382785	6890127	1380	035	-50	410.26
DDH-32	Klaza	382697	6890435	1350	035	-50	245.97
DDH-33	BRX	382080	6889865	1353	035	-50	175.87
DDH-34	Klaza	382657	6890557	1338	035	-50	245.97
DDH-35	BRX	381929	6889989	1328	035	-50	322.17
DDH-36	Klaza	382566	6890605	1335	035	-50	249.02
DDH-37	BRX	381759	6890090	1300	035	-50	149.35
DDH-38	Klaza	382913	6890212	1357	035	-50	192.33
DDH-39	BRX	381619	6890195	1277	035	-50	258.17
DDH-40	Klaza	382946	6890172	1358	035	-50	236.52
DDH-41	Klaza	382837	6890111	1377	035	-50	373.99
DDH-42		381494	6890725	1221	035	-50	252.07
DDH-43	Klaza	382907	6890120	1369	035	-50	96.01
DDH-44	Klaza	382798	6890060	1387	035	-50	425.81
DDH-45		381313	6890823	1224	035	-50	252.07
DDH-46	Klaza	382872	6890073	1379	035	-50	364.85
DDH-47	Klaza	382972	6890131	1361	035	-50	227.69

KL 9+700 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+ 700 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\klaza_drill_sections\KL 9+700 mE

DATE: MAY 2012

Contact defined

Contact inferred

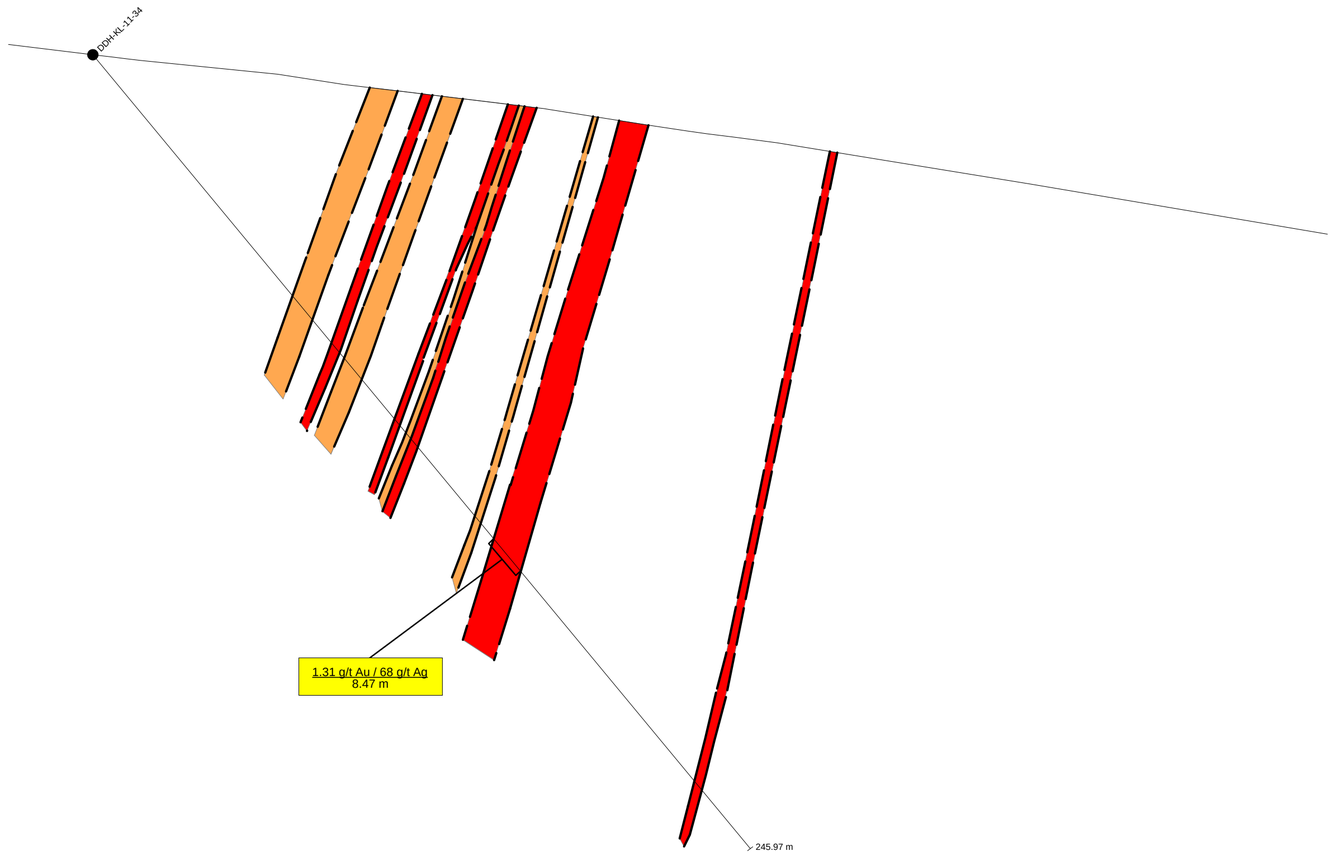
Quartz feldspar porhyry dyke

Mineralized zone grading above 1 g/t Au

Granodiorite

KL 9+800 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9 +800 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\..\klaza_drill_sections\KL 9+800mE | DATE: MAY 2012

Contact defined

Contact inferred

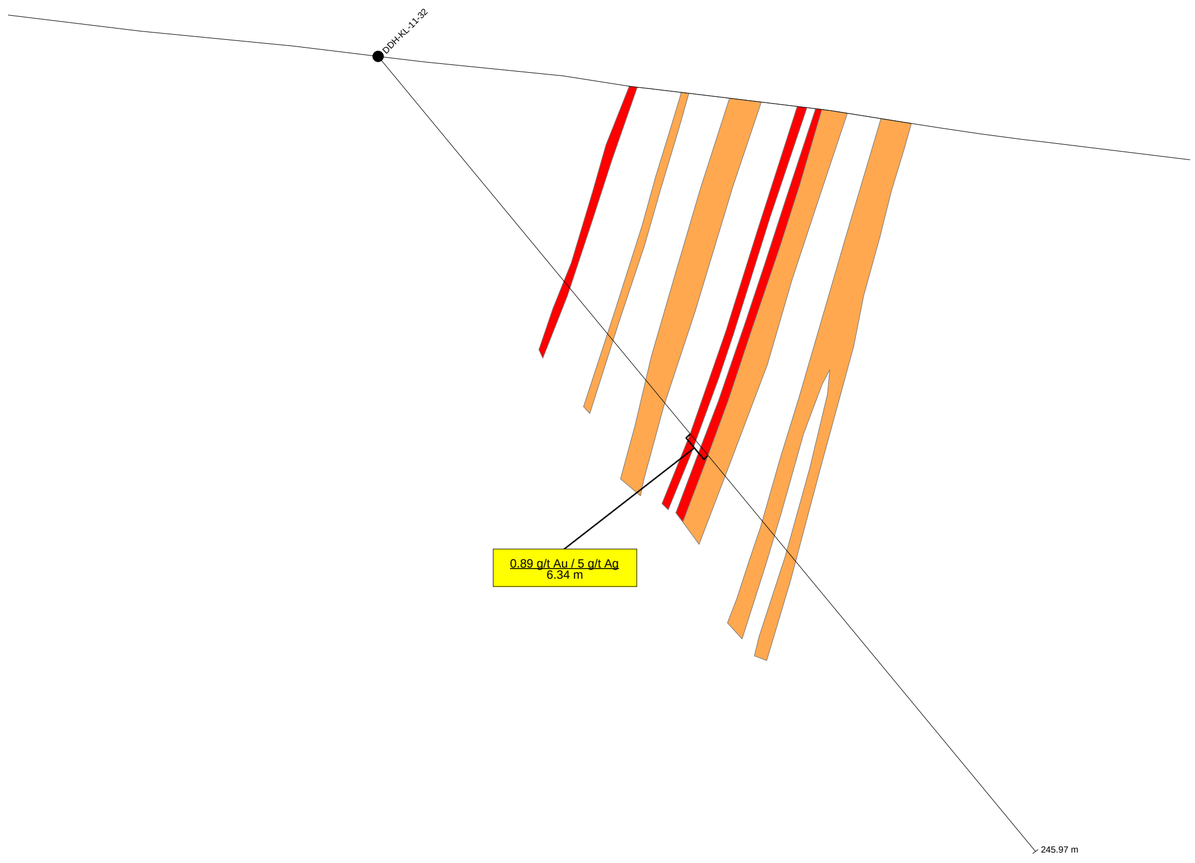
Quartz feldspar porhyry dyke

Mineralized zone grading above 1 g/t Au

Granodiorite

KL 9+900 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+900 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

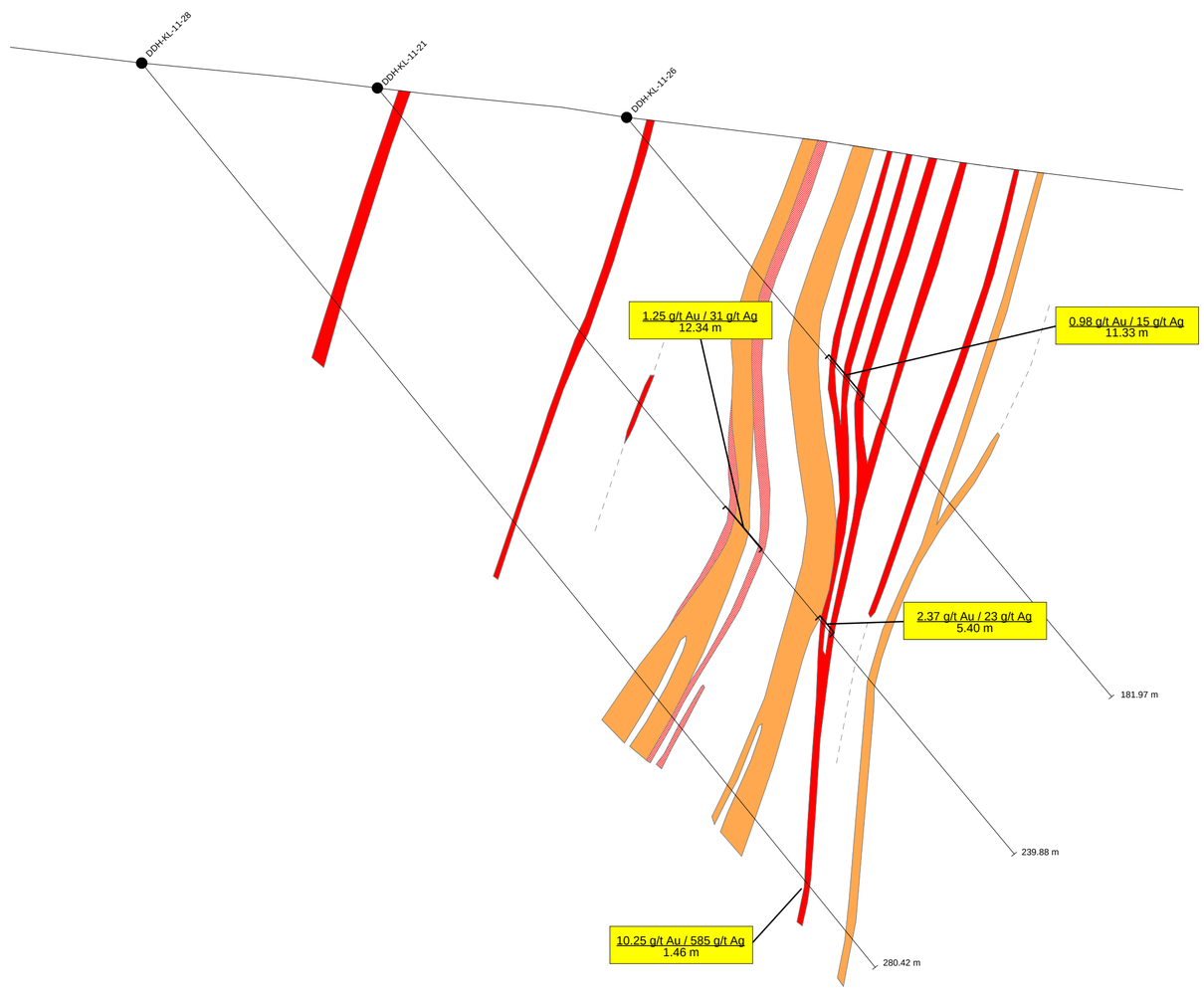
FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 9+900mE

DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 9+950 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+950 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

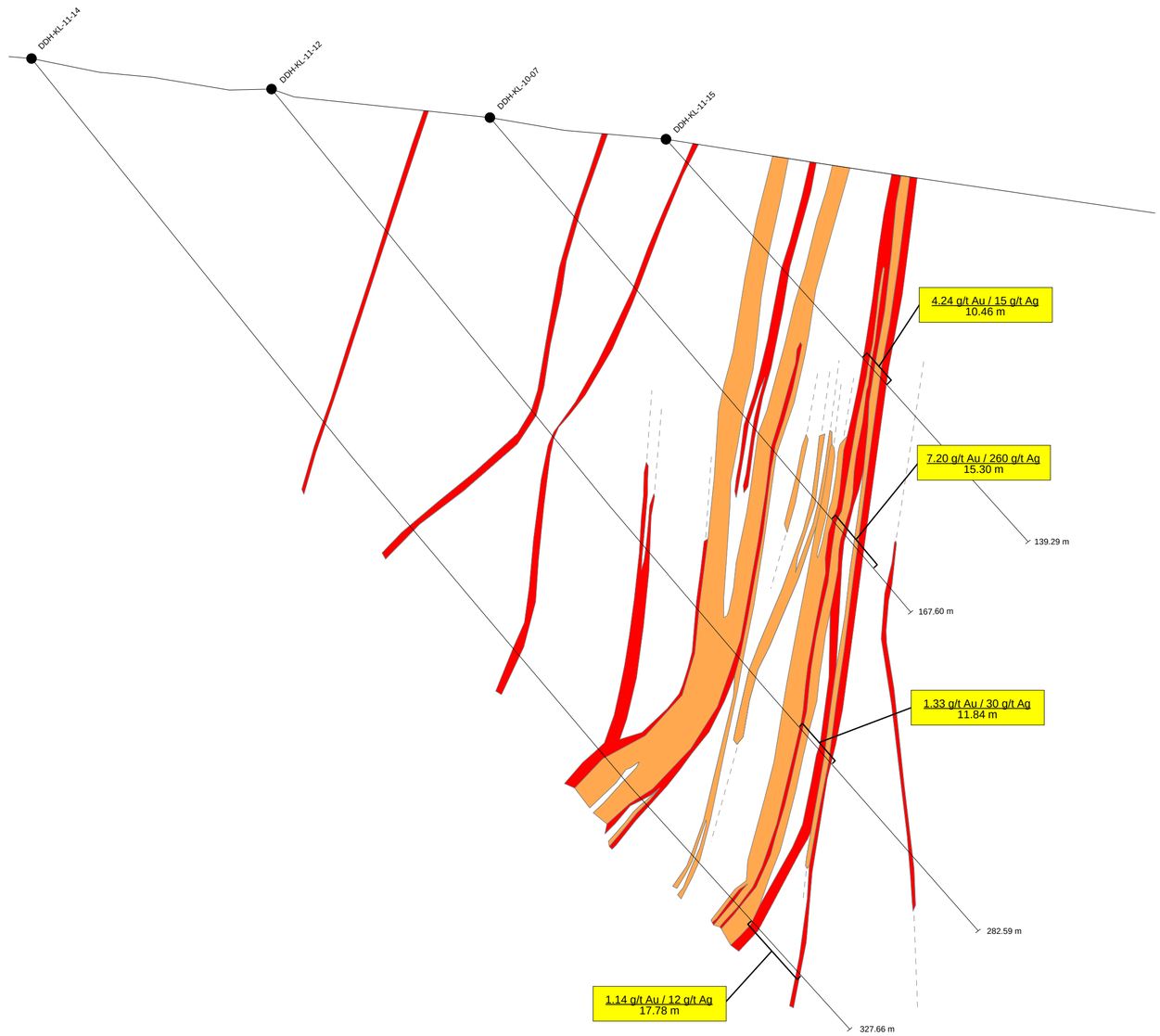
382826 E 6889392 N

FILE: ...2012\Klaza\..\klaza_drill_sections\KL 9+950mE | DATE: MAY 2012

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

KL 10+000 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 11A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+000 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

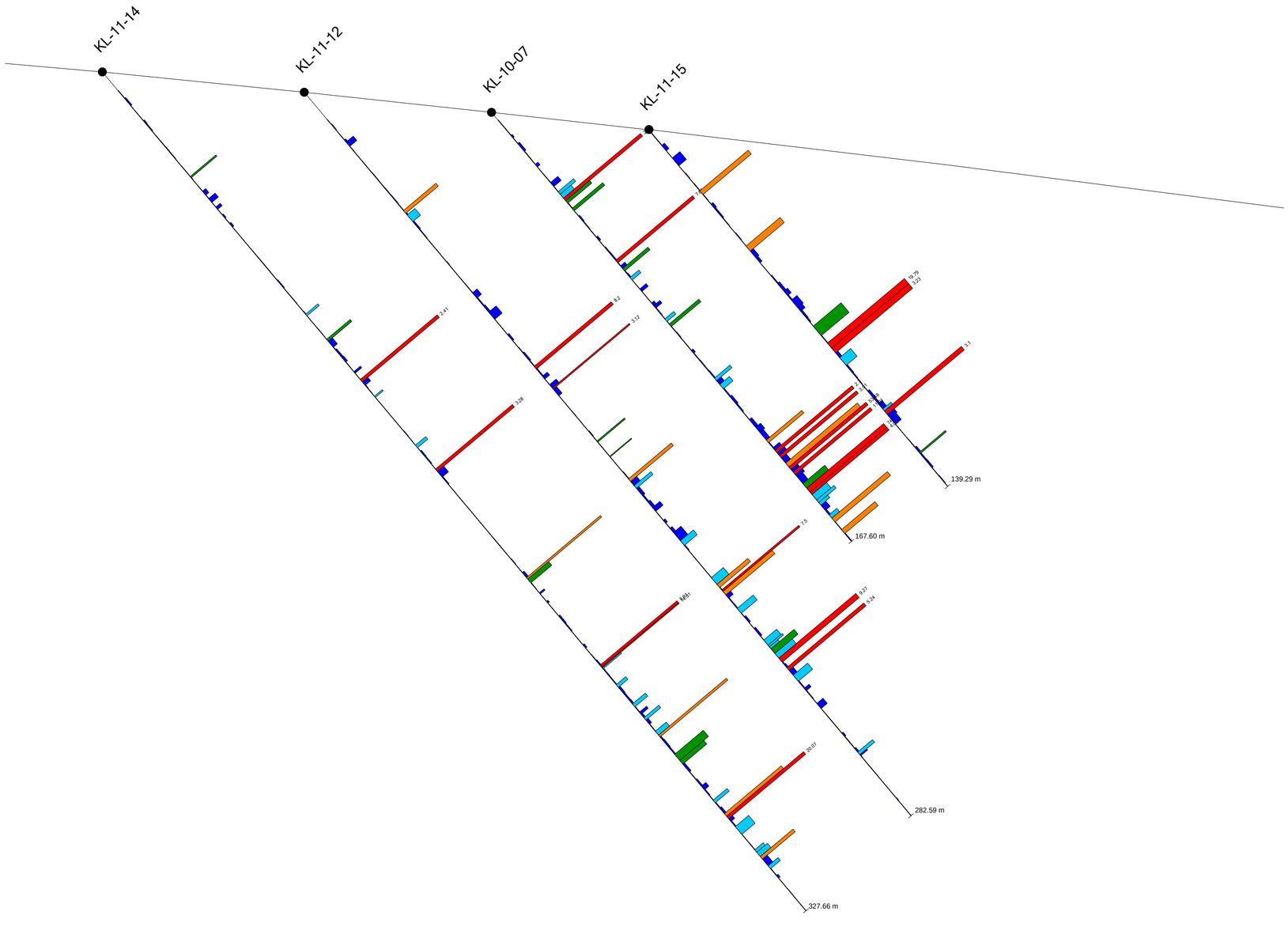
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 10+000mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+000 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 11B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+000 mE Assay Histogram

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\..\Histograms | DATE: MAY 2012

AuEq (g/t) *

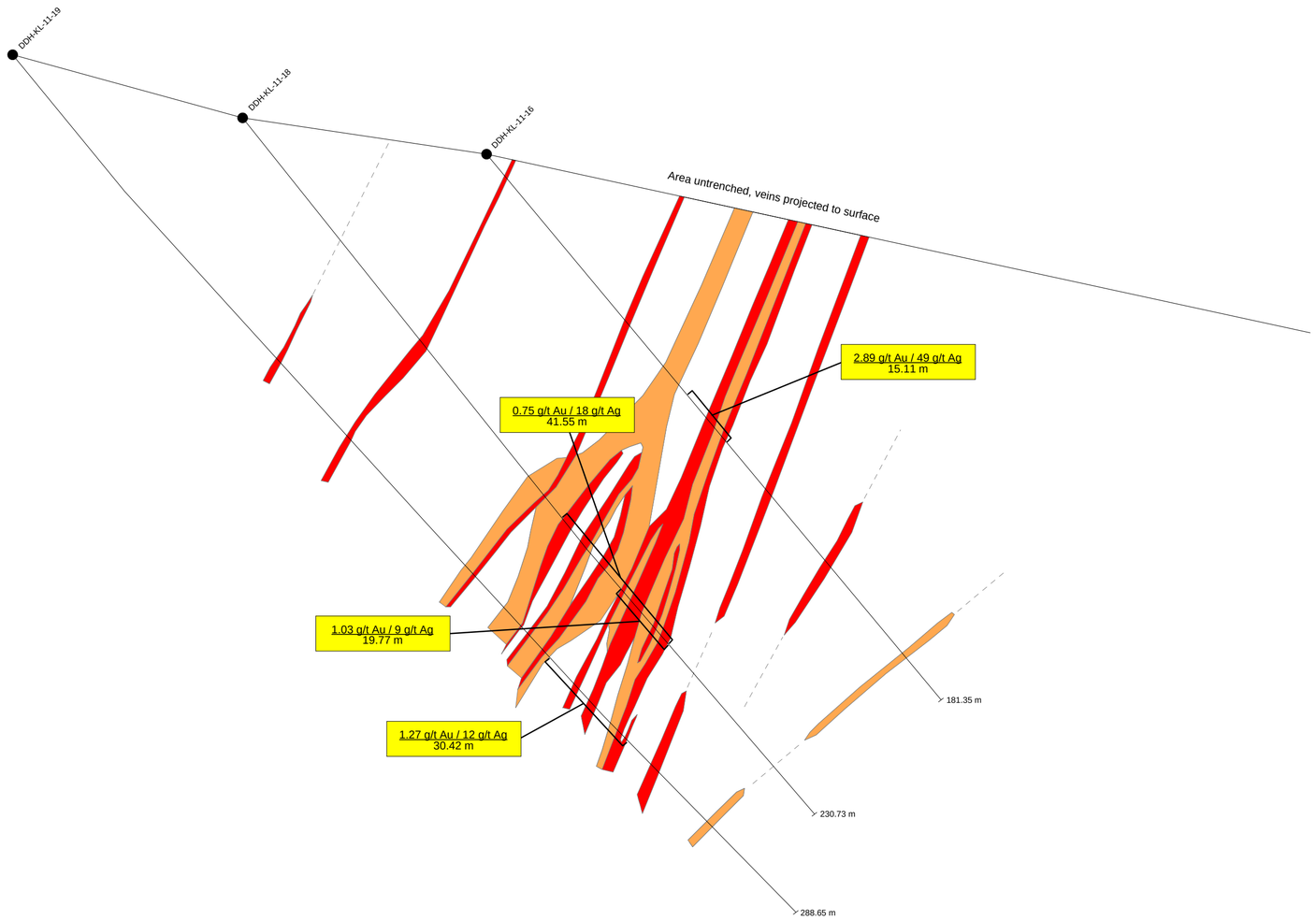
0 0.5 1.0 1.5 2.0 g/t

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

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

KL 10+050 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 12A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+050 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

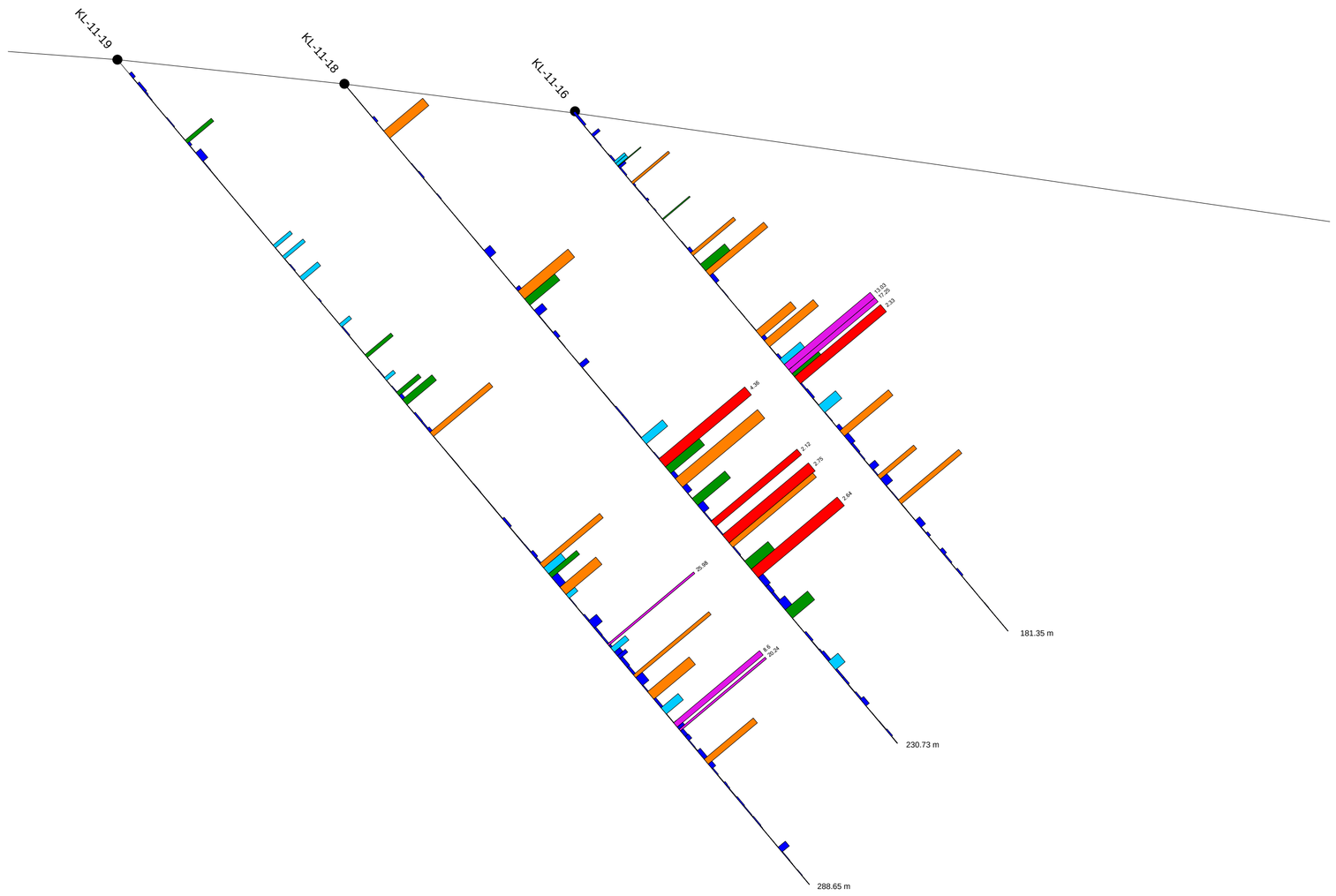
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klazad_drill_sections\KL 10+050mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+050 mE

035°
Looking Northwest



AuEq (g/t) *

0 0.5 1.0 1.5 2.0 g/t

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

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

ROCKHAVEN RESOURCES LTD.

FIGURE 12B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+050 mE Assay Histogram

KLAZA PROPERTY

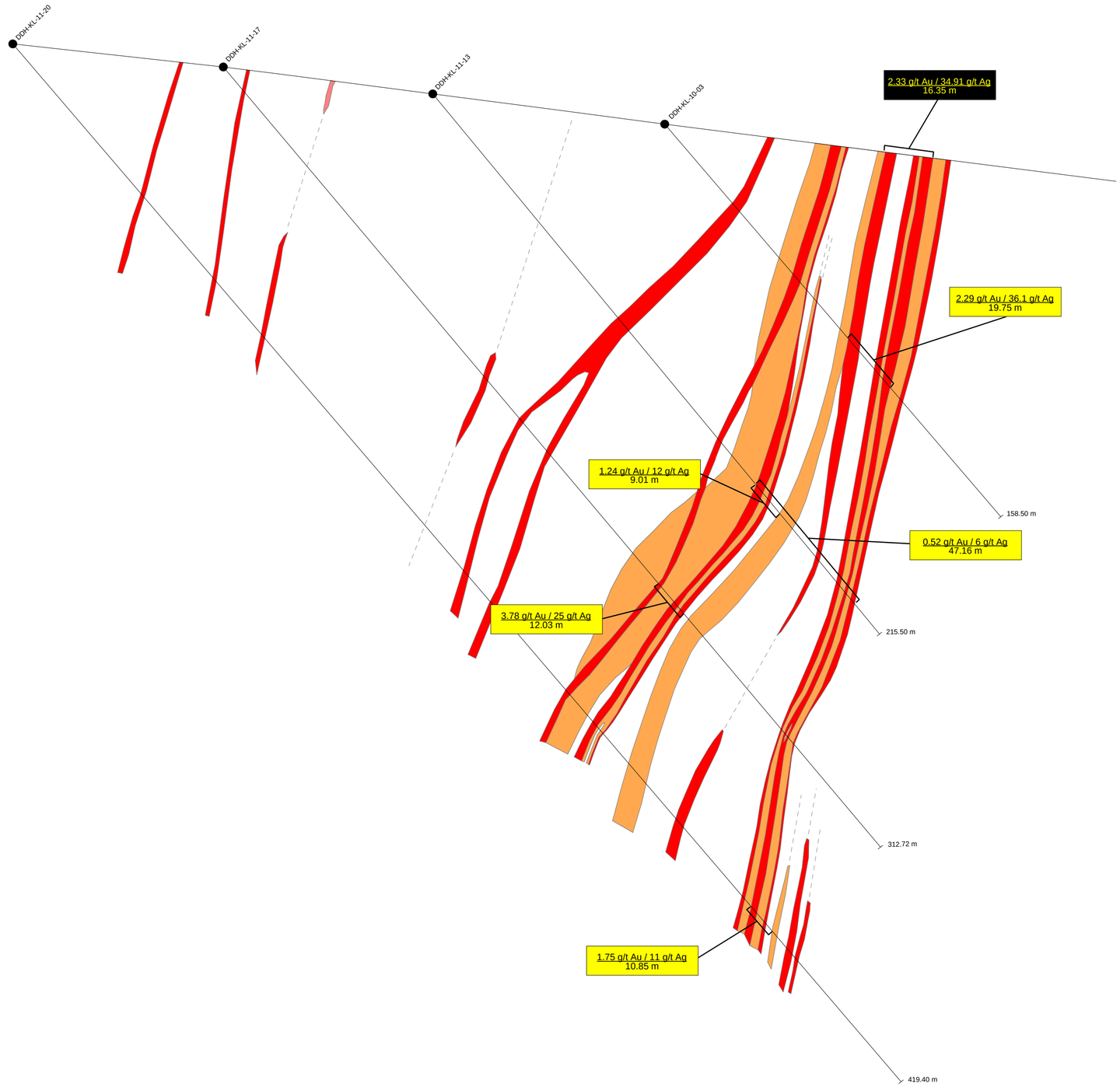
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\..\Drill_Sections | DATE: MAY 2012

KL 10+100 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 13A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+100 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\..\Klaza_drill_sections\KL 10+100mE | DATE: MAY 2012

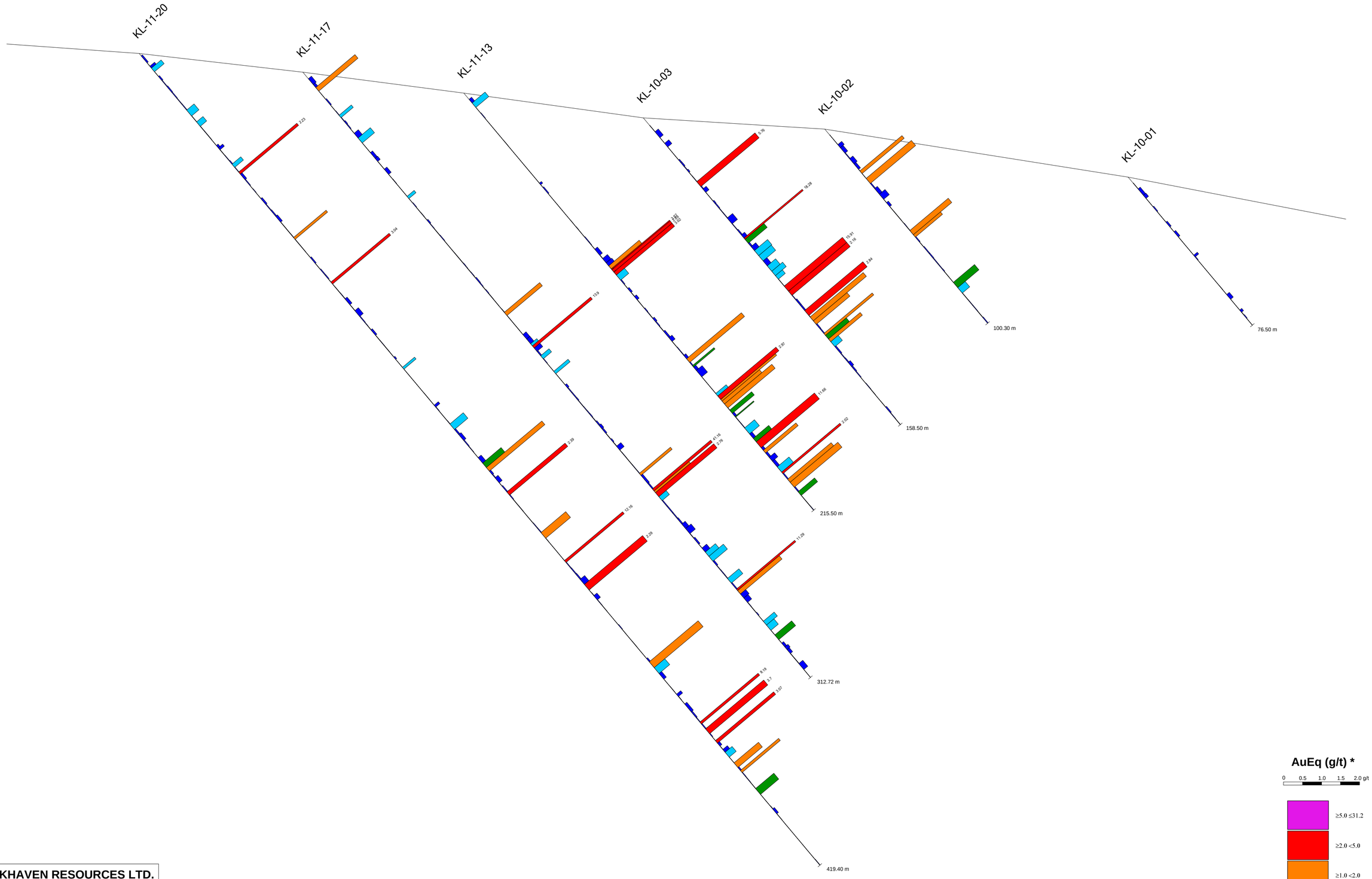
Quartz feldspar porhyry dyke

Mineralized zone grading above 1 g/t Au

Granodiorite

KL 10+100 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 13B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+100 mE Assay Histogram

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Histograms | DATE: MAY 2012

AuEq (g/t) *

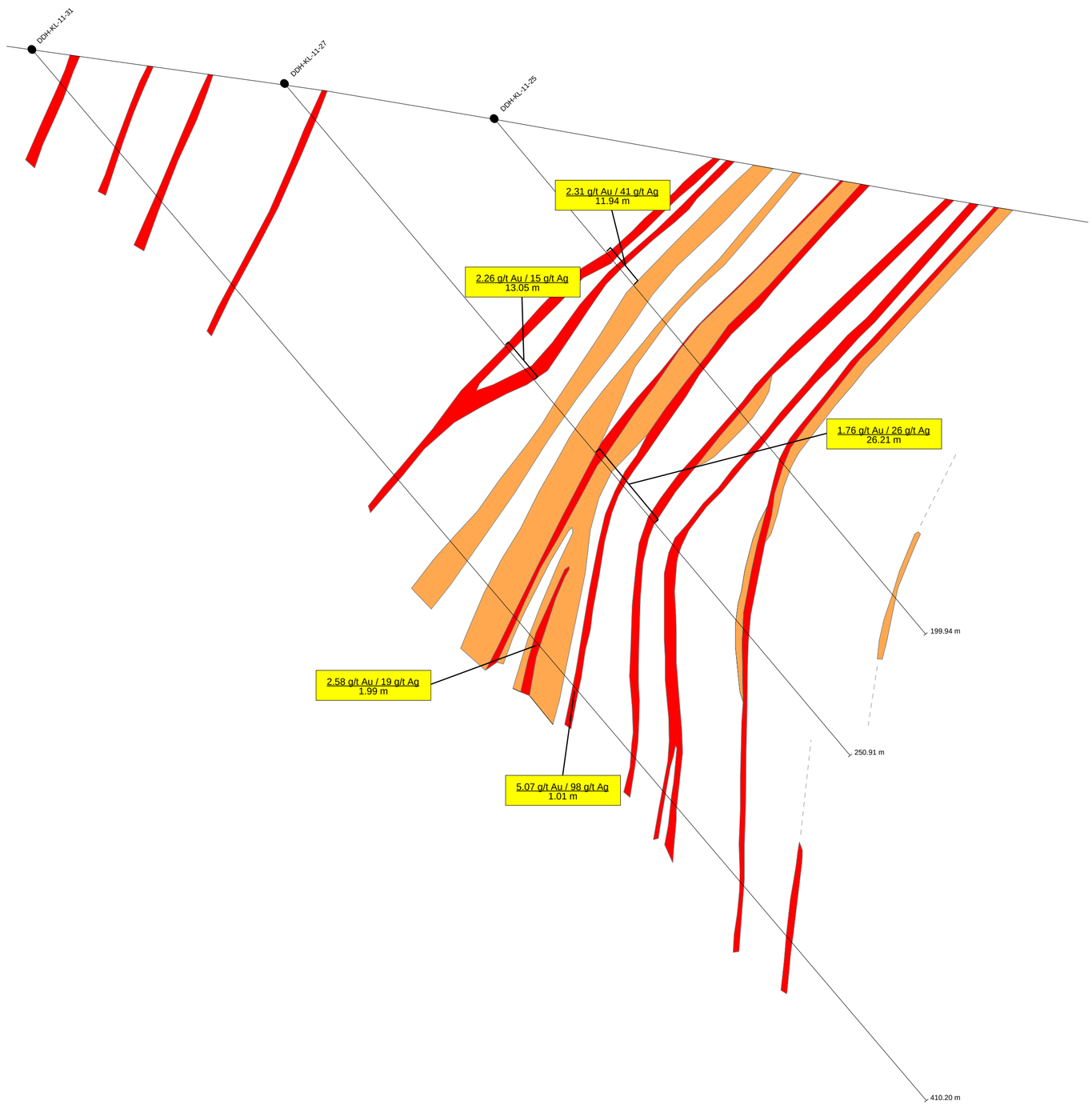
0 0.5 1.0 1.5 2.0 g/t

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

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

KL 10+150 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE14A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+150 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

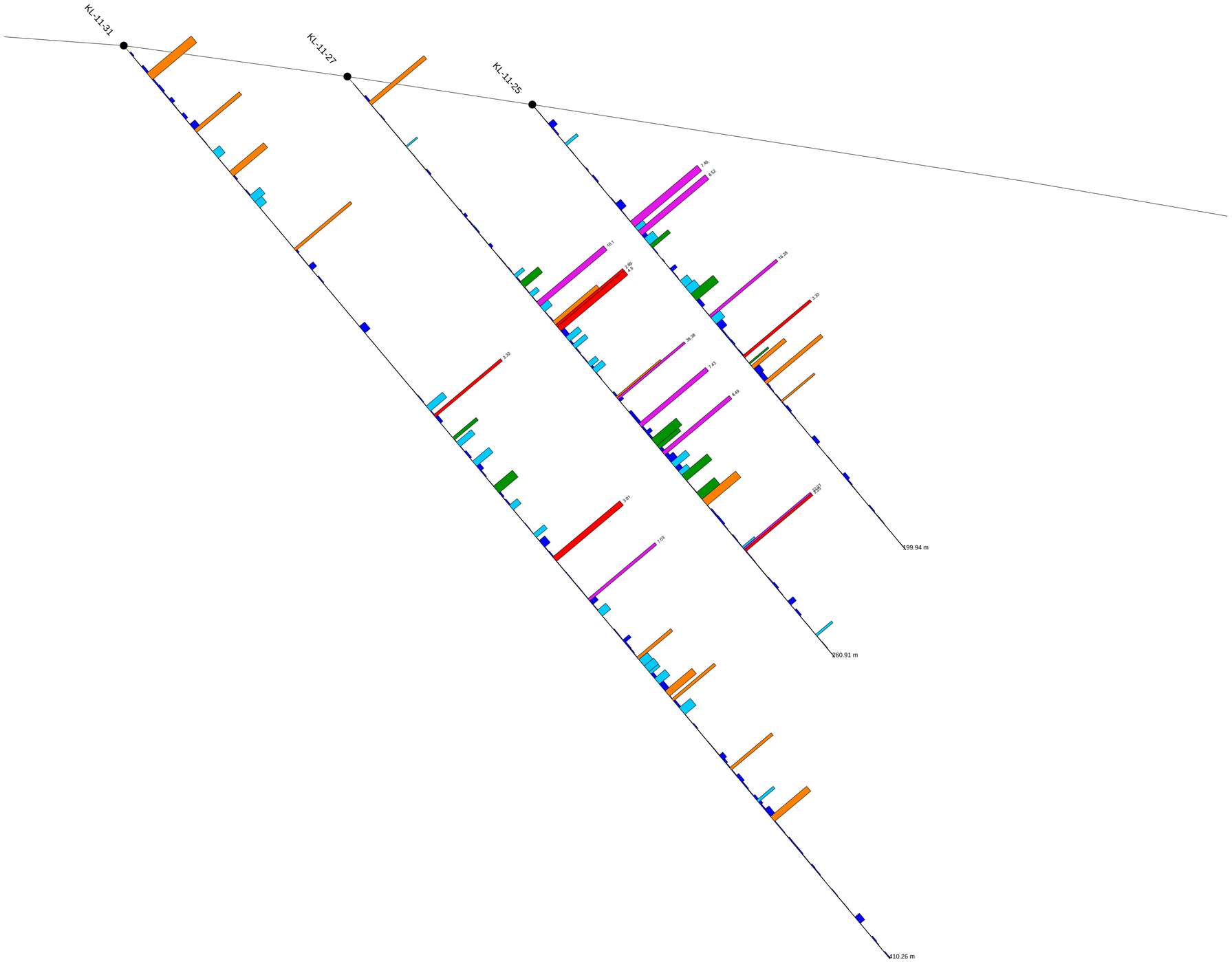
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 10+150mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+150 mE

035°
Looking Northwest



AuEq (g/t) *

0 0.5 1.0 1.5 2.0 g/t

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

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

ROCKHAVEN RESOURCES LTD.

FIGURE 14B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+150 mE Assay Histogram

KLAZA PROPERTY

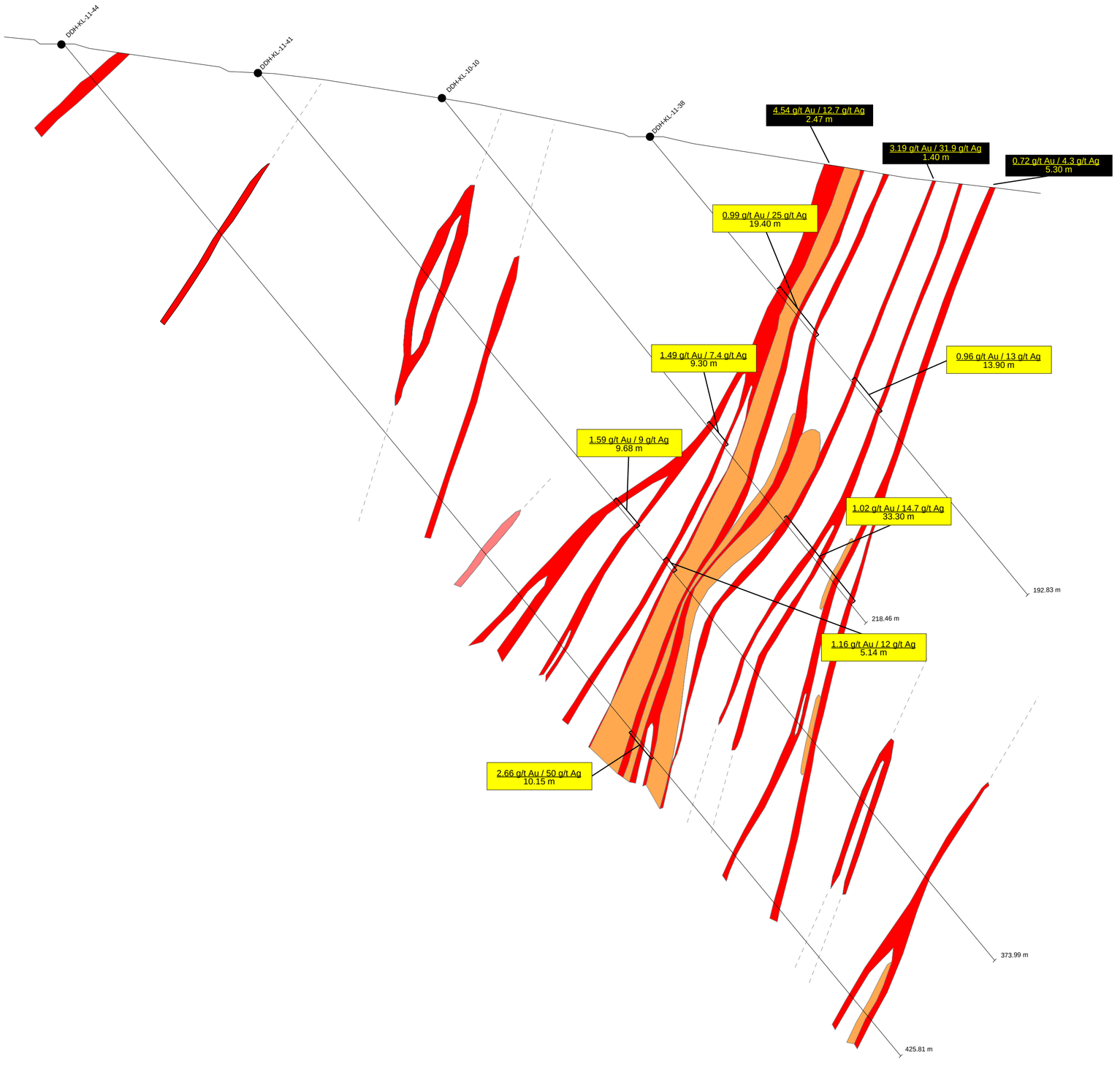
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill Section Histograms (2011) | DATE: MAY 2012

KL 10+200 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 15A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+200 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

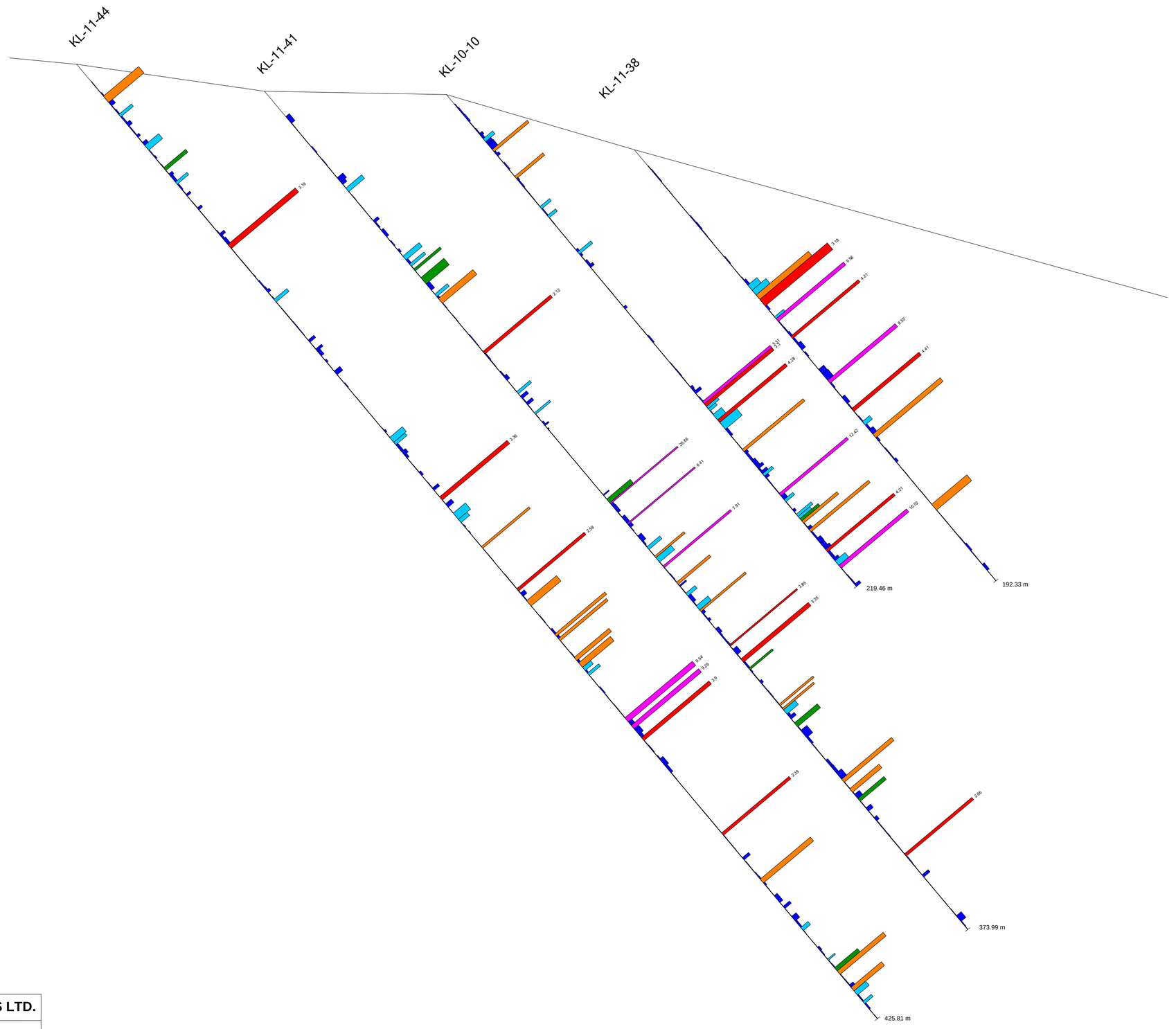
382826 E 6889392 N

FILE: ...2012\Klaza\..\Klaza_drill_sections\KL 10+200mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+200 mE

035°
Looking Northwest



AuEq (g/t) *

0 0.5 1.0 1.5 2.0 g/t

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

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

ROCKHAVEN RESOURCES LTD.

FIGURE 15B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+200 mE Assay Histogram

KLAZA PROPERTY

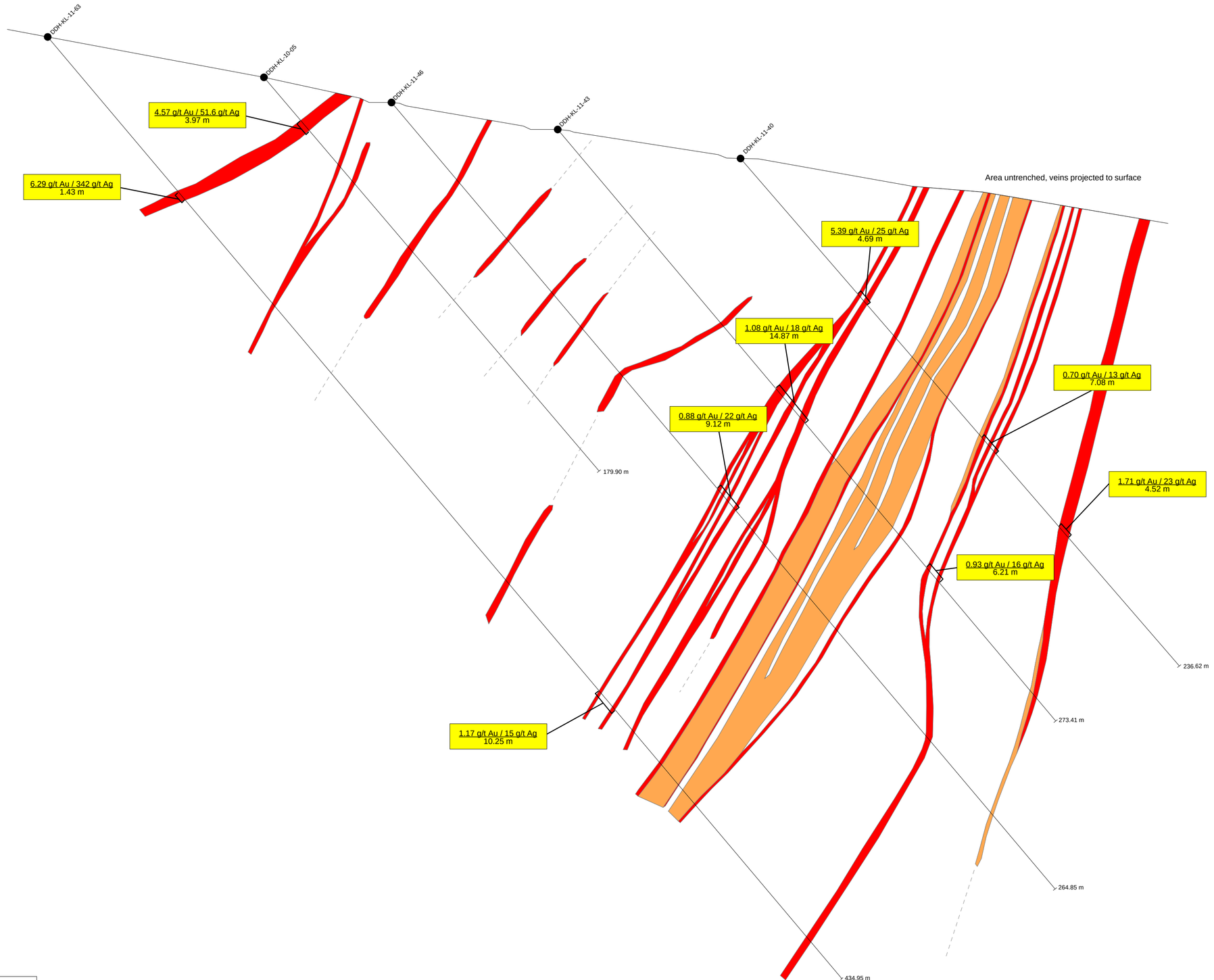
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\..\Histograms | DATE: MAY 2012

KL 10+250 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 16A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+250 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

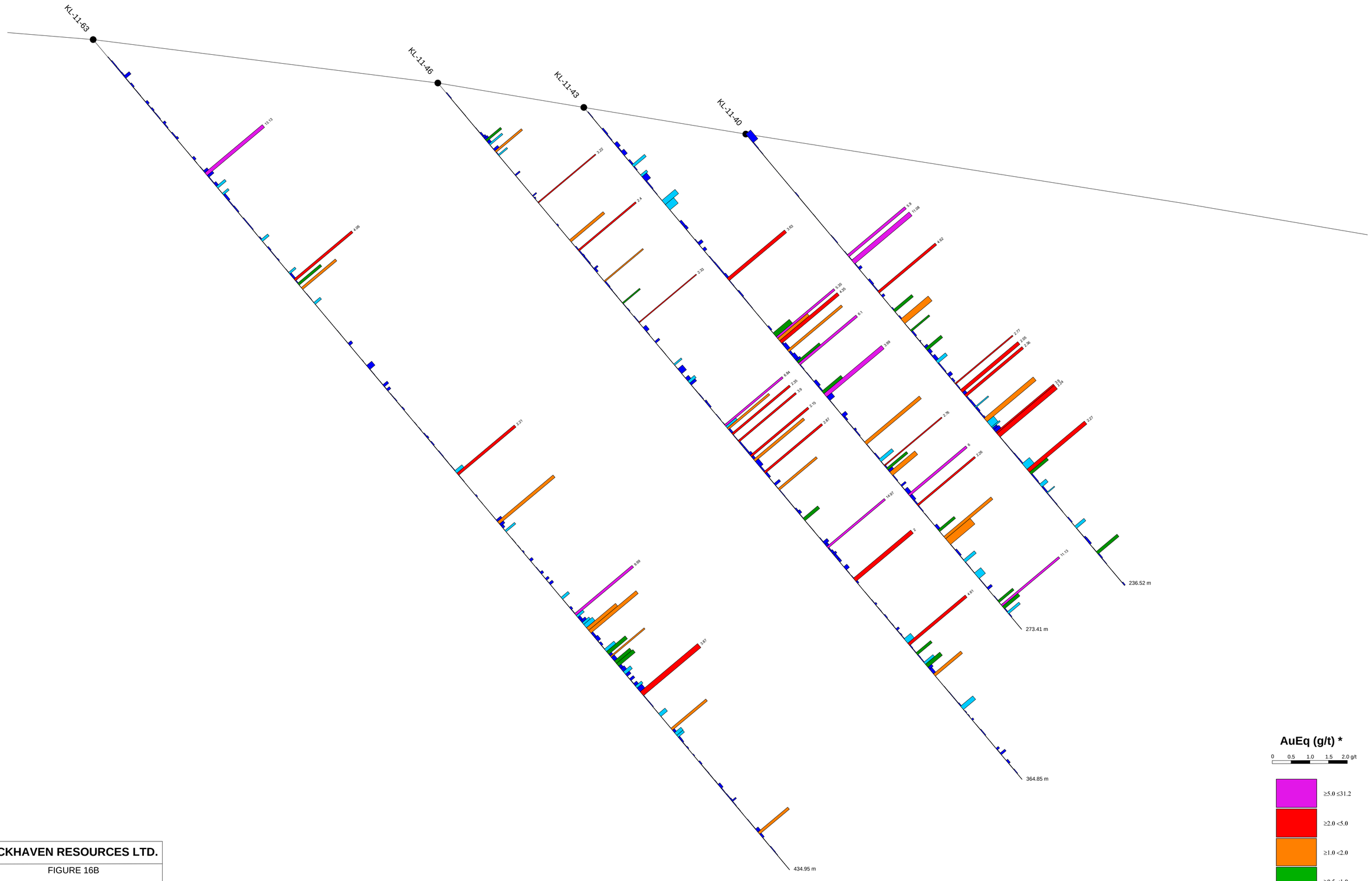
382826 E 6889392 N

FILE: ...2012\Klaza\..\Klaza_drill_sections\KL 10+250mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+250 mE

035°
Looking Northwest



AuEq (g/t) *

0 0.5 1.0 1.5 2.0 g/t

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

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

ROCKHAVEN RESOURCES LTD.

FIGURE 16B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+250 mE Assay Histogram

KLAZA PROPERTY

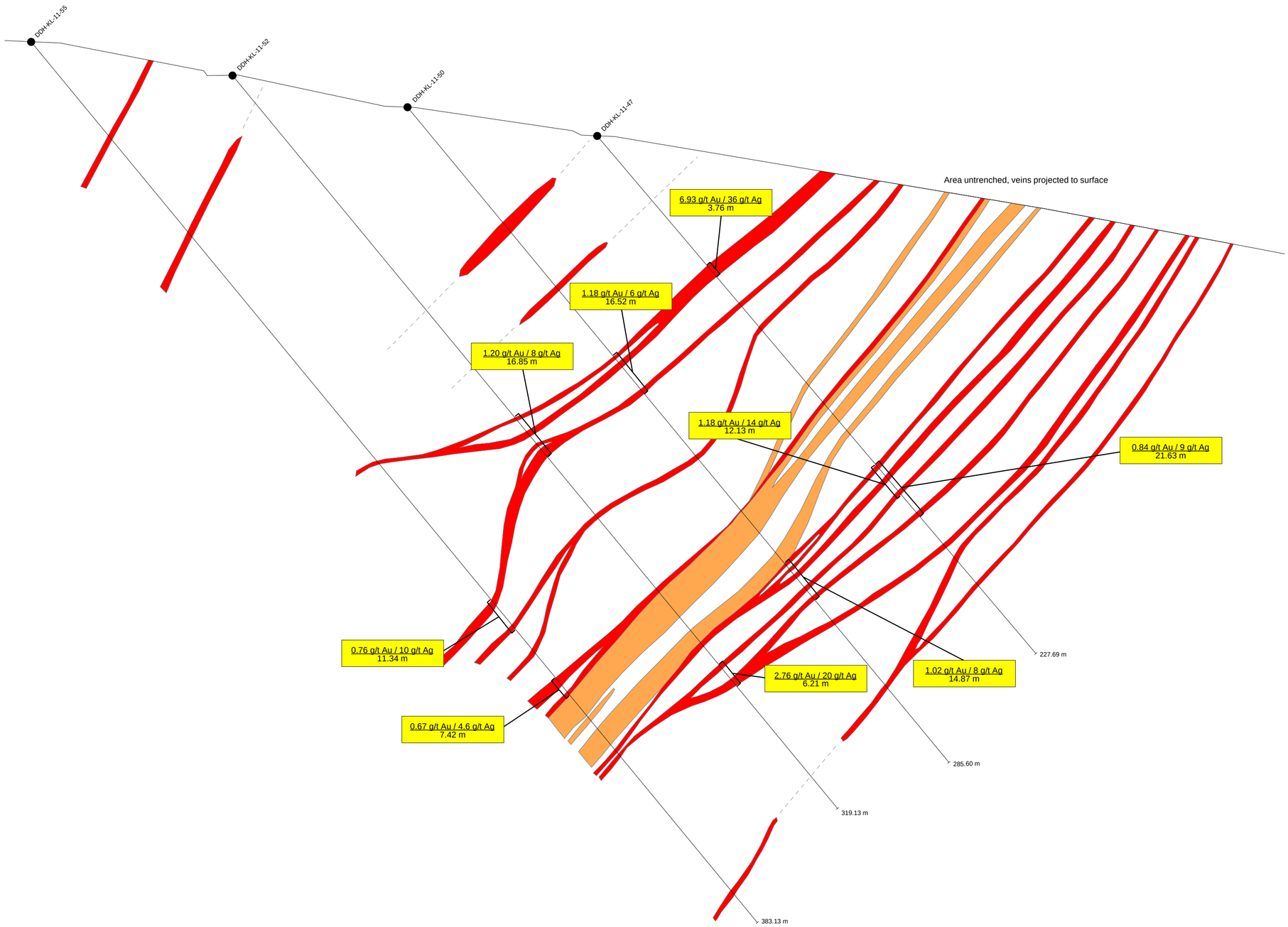
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

KL 10+300 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 17A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+300 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

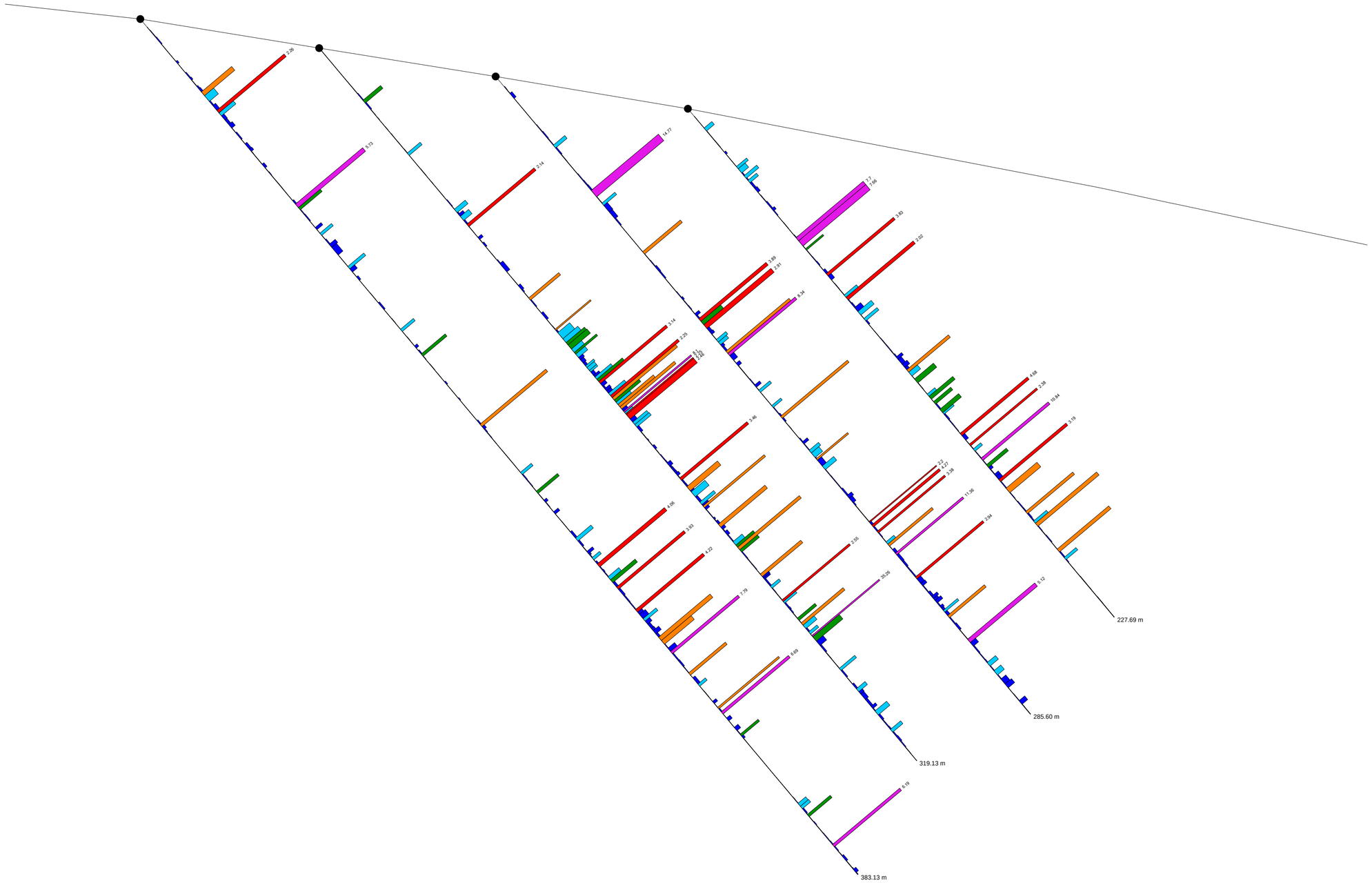
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 10+300mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+300 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 17B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+300 mE Assay Histogram

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Histograms | DATE: MAY 2012

AuEq (g/t) *

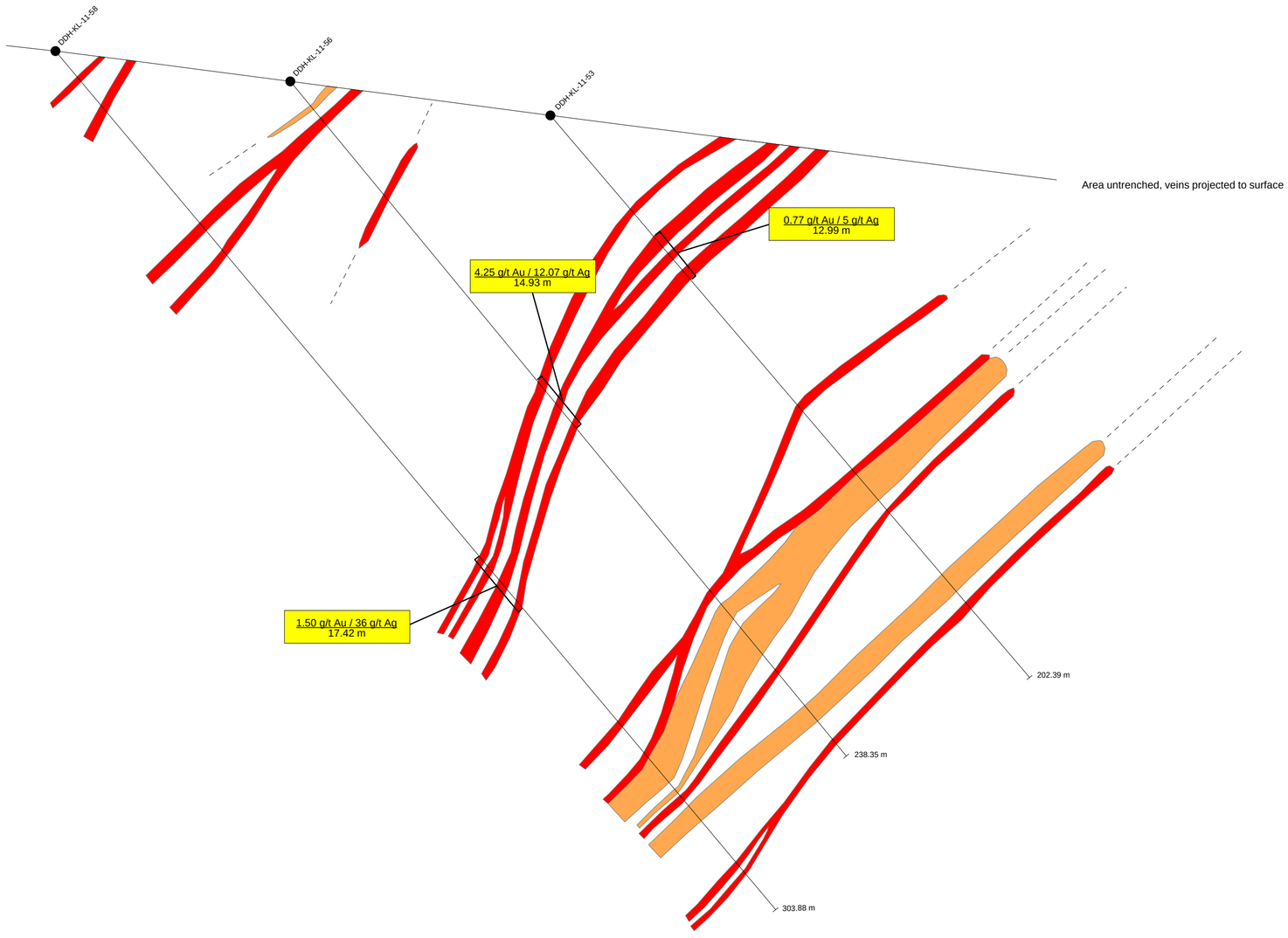
0 0.5 1.0 1.5 2.0 g/t

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

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

KL 10+350 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 18A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+350 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

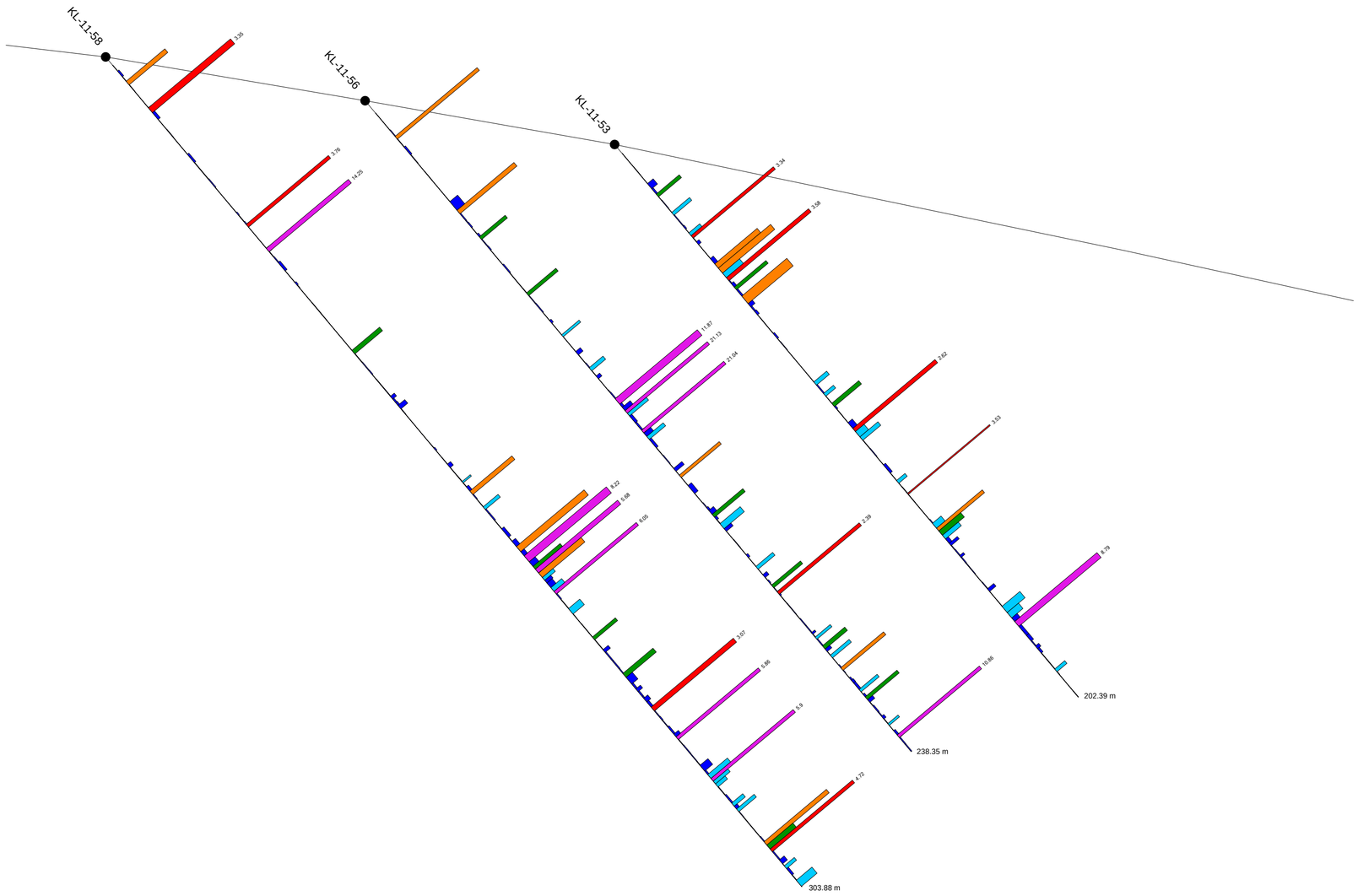
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 10+350mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+350 mE

035°
Looking Northwest



AuEq (g/t) *

0 0.5 1.0 1.5 2.0 g/t

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

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

ROCKHAVEN RESOURCES LTD.

FIGURE 18B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+350 mE Assay Histogram

KLAZA PROPERTY

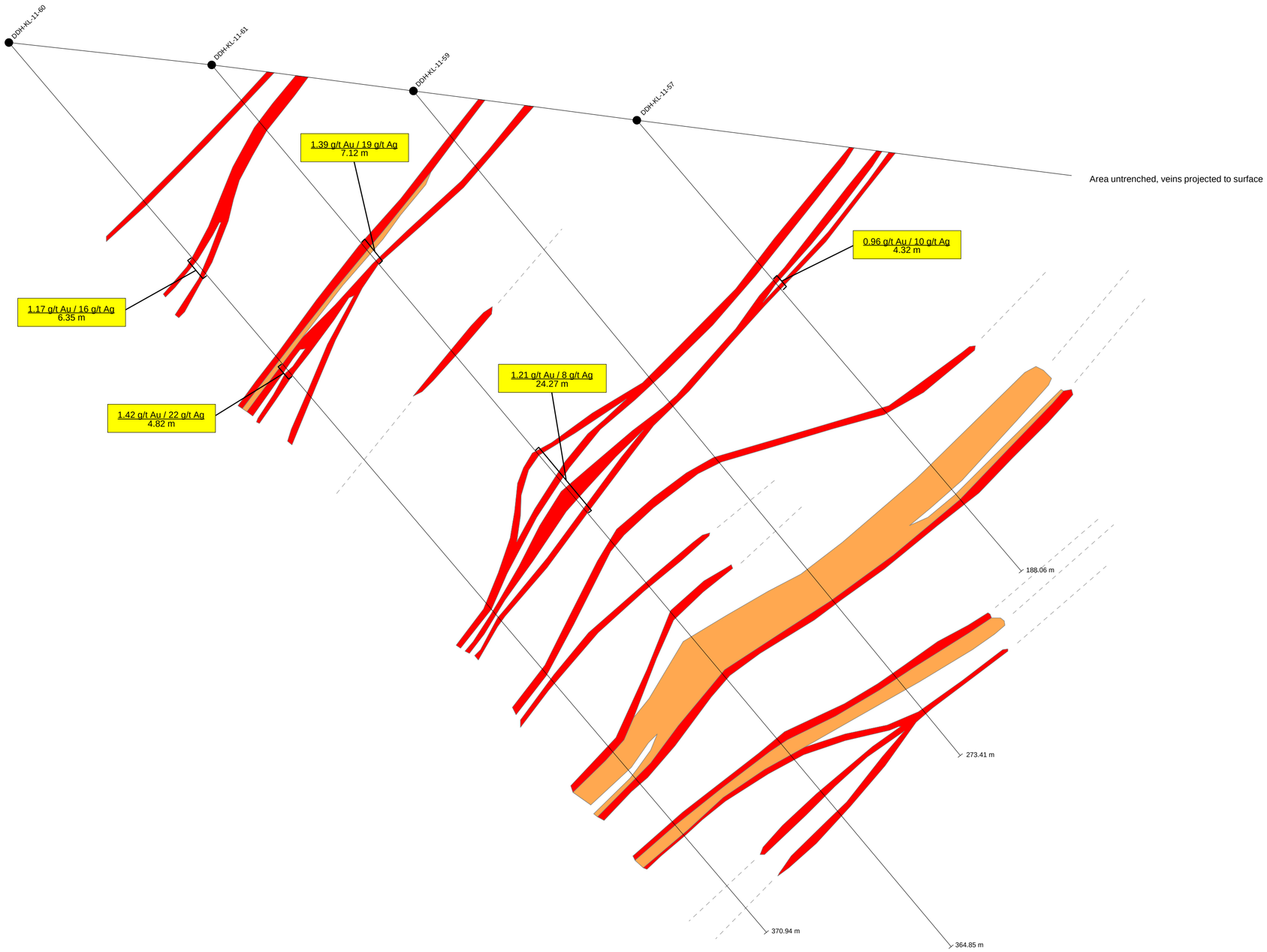
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\..\Histograms | DATE: MAY 2012

KL 10+400 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 19A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+400 mE

KLAZA PROPERTY

0 10 20 30 40 50 m

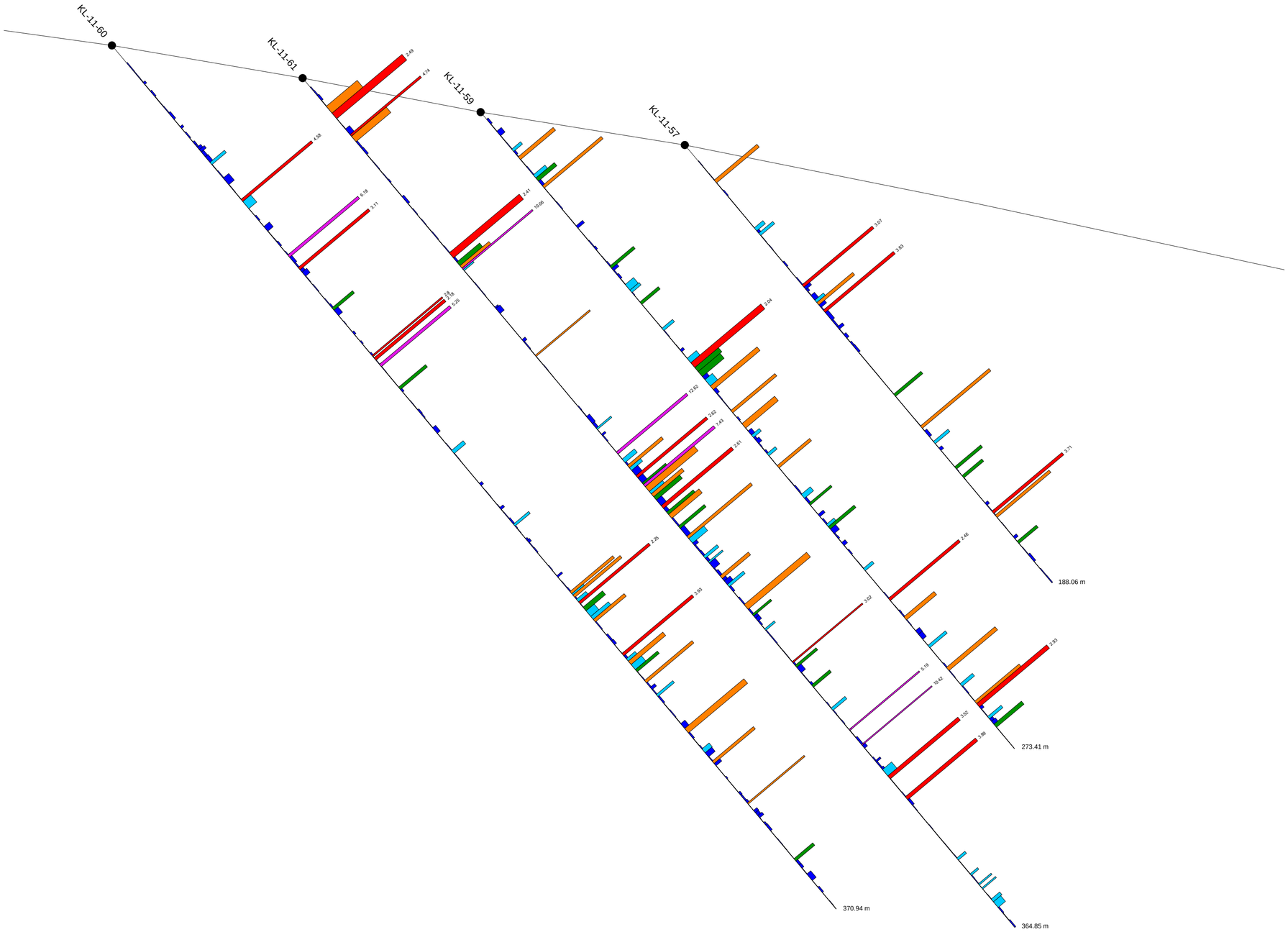
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 10+400mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

KL 10+400 mE

035°
Looking Northwest



AuEq (g/t) *

0 0.5 1.0 1.5 2.0 g/t

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

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

ROCKHAVEN RESOURCES LTD.

FIGURE 19B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+400 mE Assay Histogram

KLAZA PROPERTY

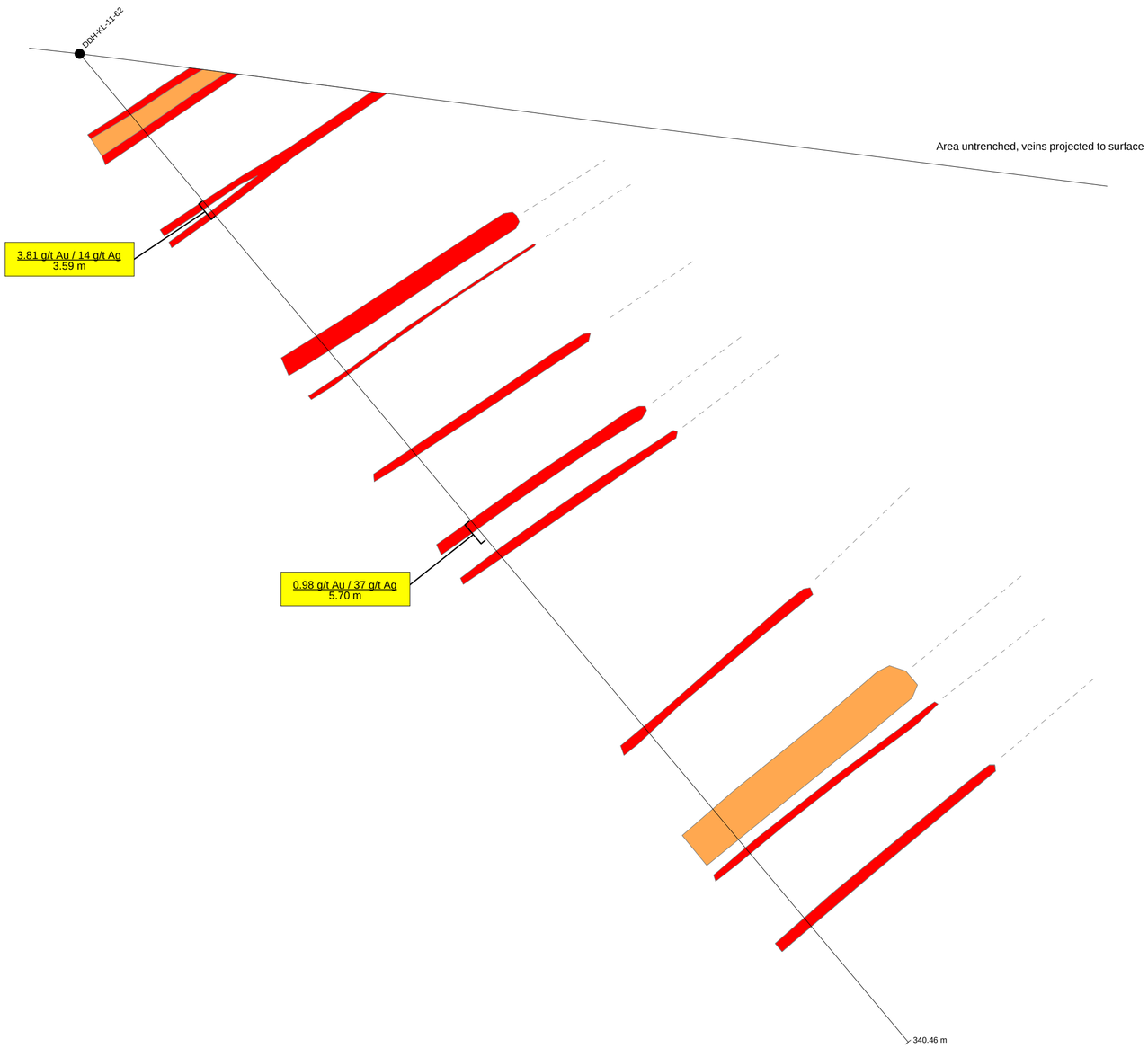
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Histograms | DATE: MAY 2012

KL 10+450 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+450 mE Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

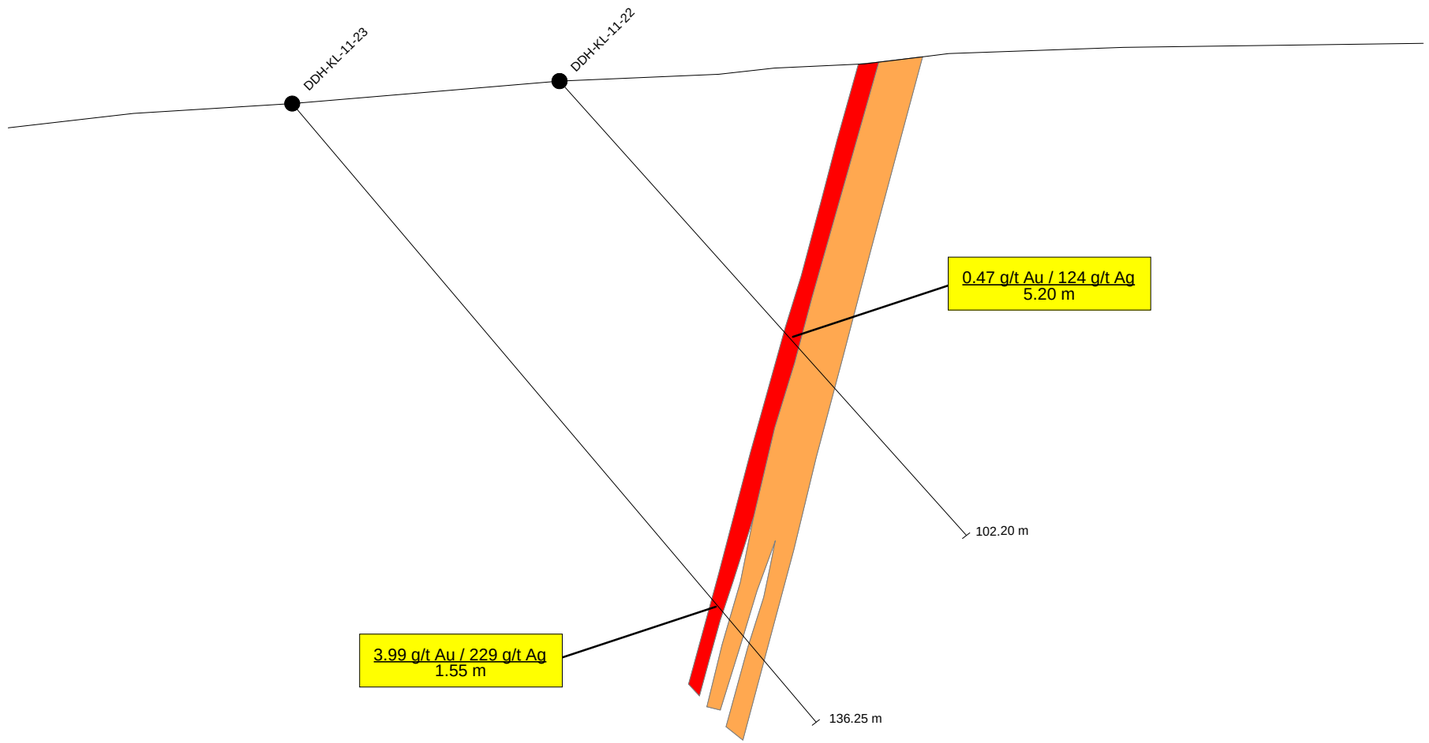
382826 E 6889392 N

FILE: ...2012\Klaza\...\Klaza_drill_sections\KL 10+450mE | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

DDH-KL-11-22/23

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 21

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-22/23 Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

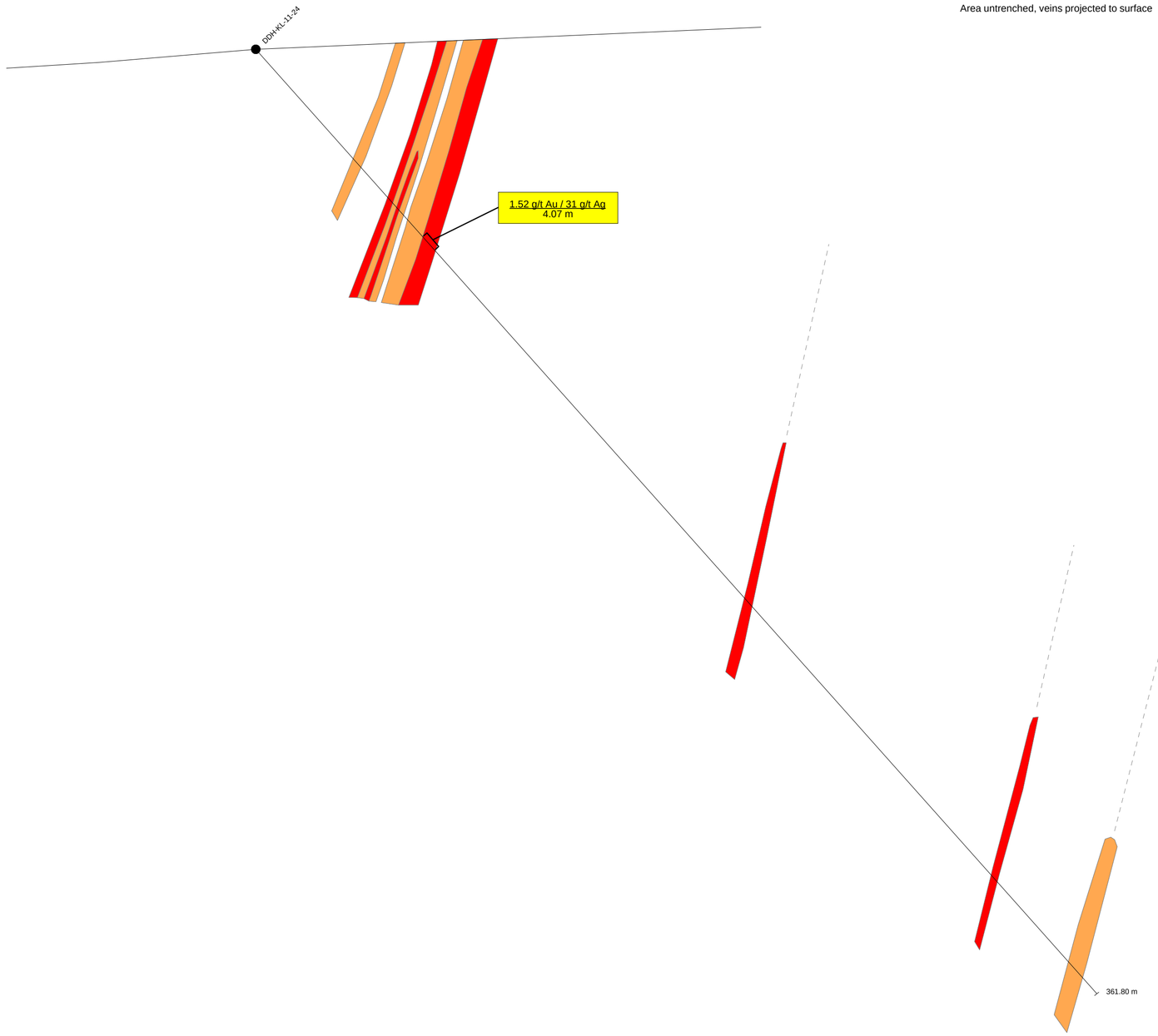
382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

DDH-KL-11-24

035°
Looking Northwest



Area untrenched, veins projected to surface

ROCKHAVEN RESOURCES LTD.

FIGURE 22

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-24 Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

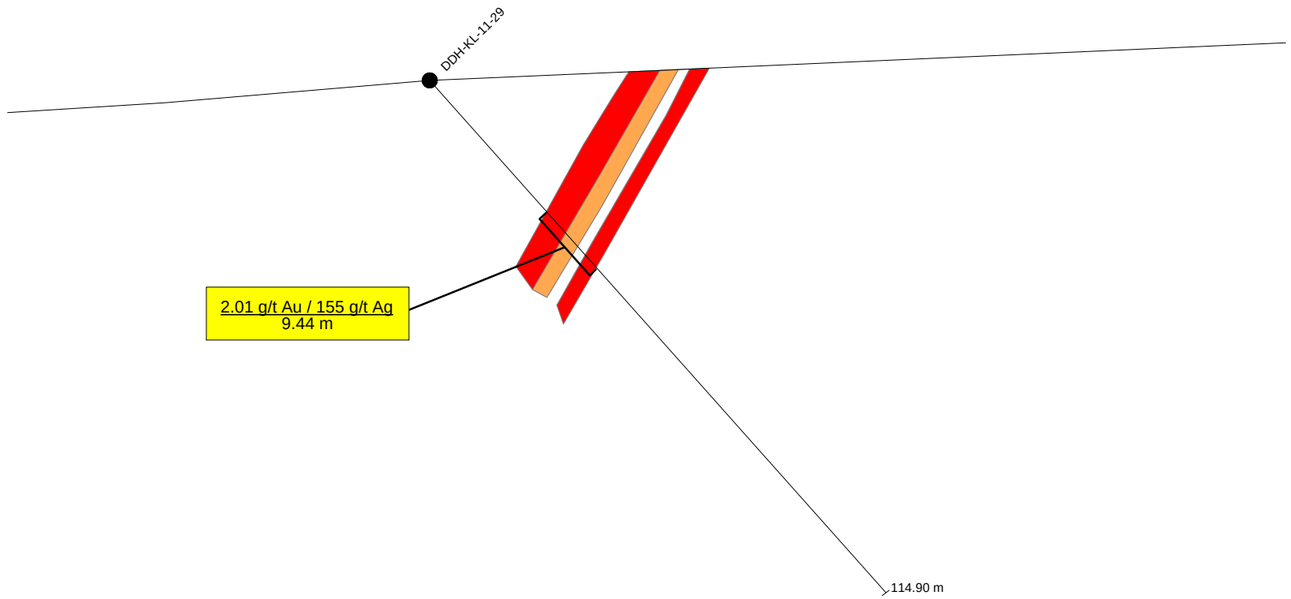
382826 E 6889392 N

FILE:...2012\Klaza\...\Klaza_drill_sections\DDH-KL-11-24 | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

DDH-KL-11-29

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 23

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-29 Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

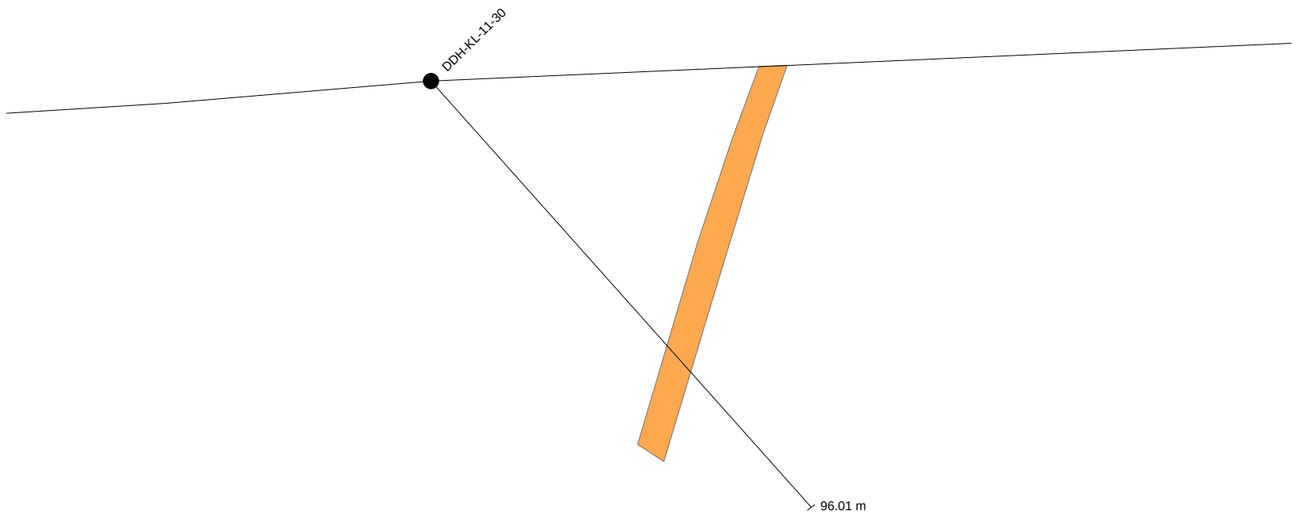
382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

DDH-KL-11-30

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 24

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-30 Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

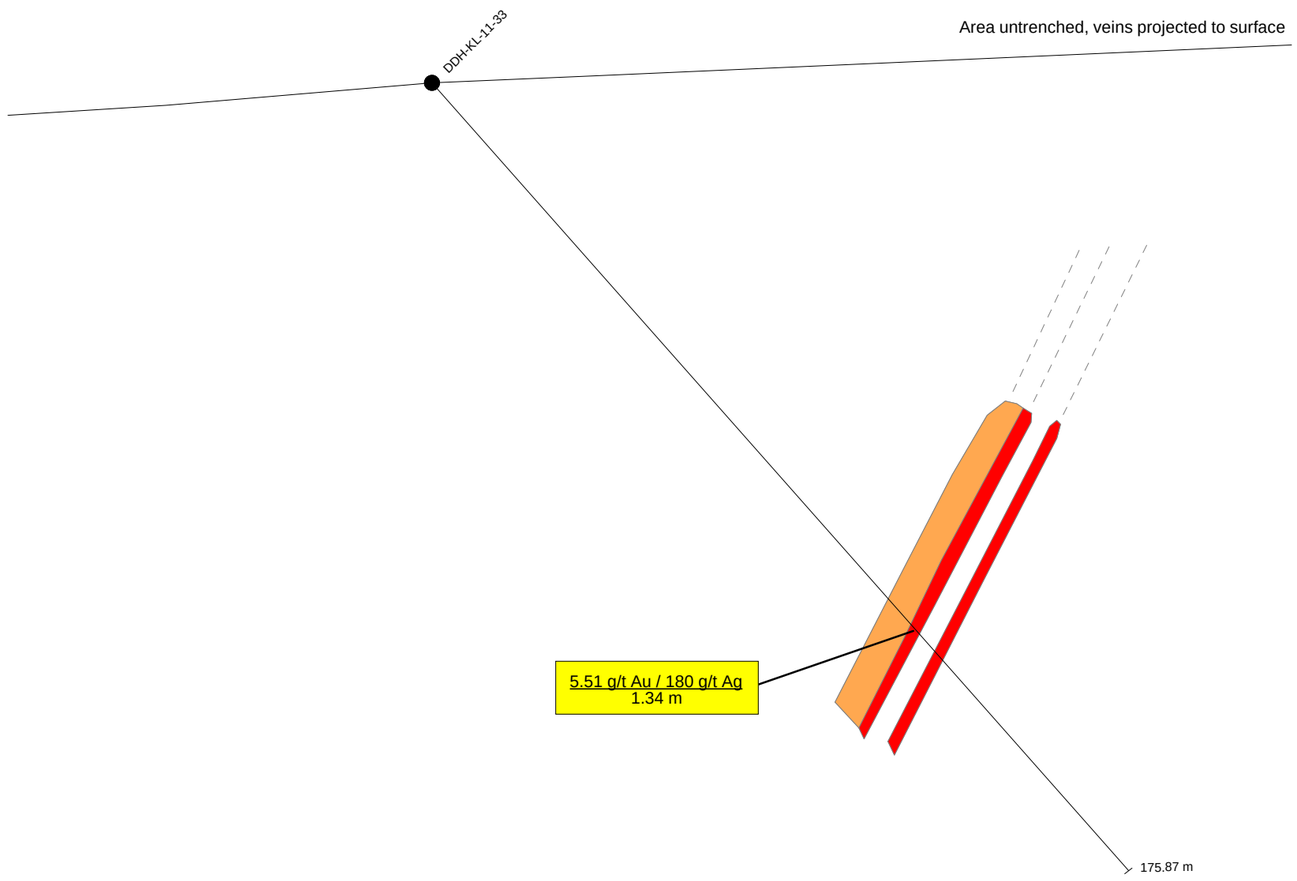
Quartz feldspar porhyry dyke

Mineralized zone grading above 1 g/t Au

Granodiorite

DDH-KL-11-33

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 25

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-33 Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

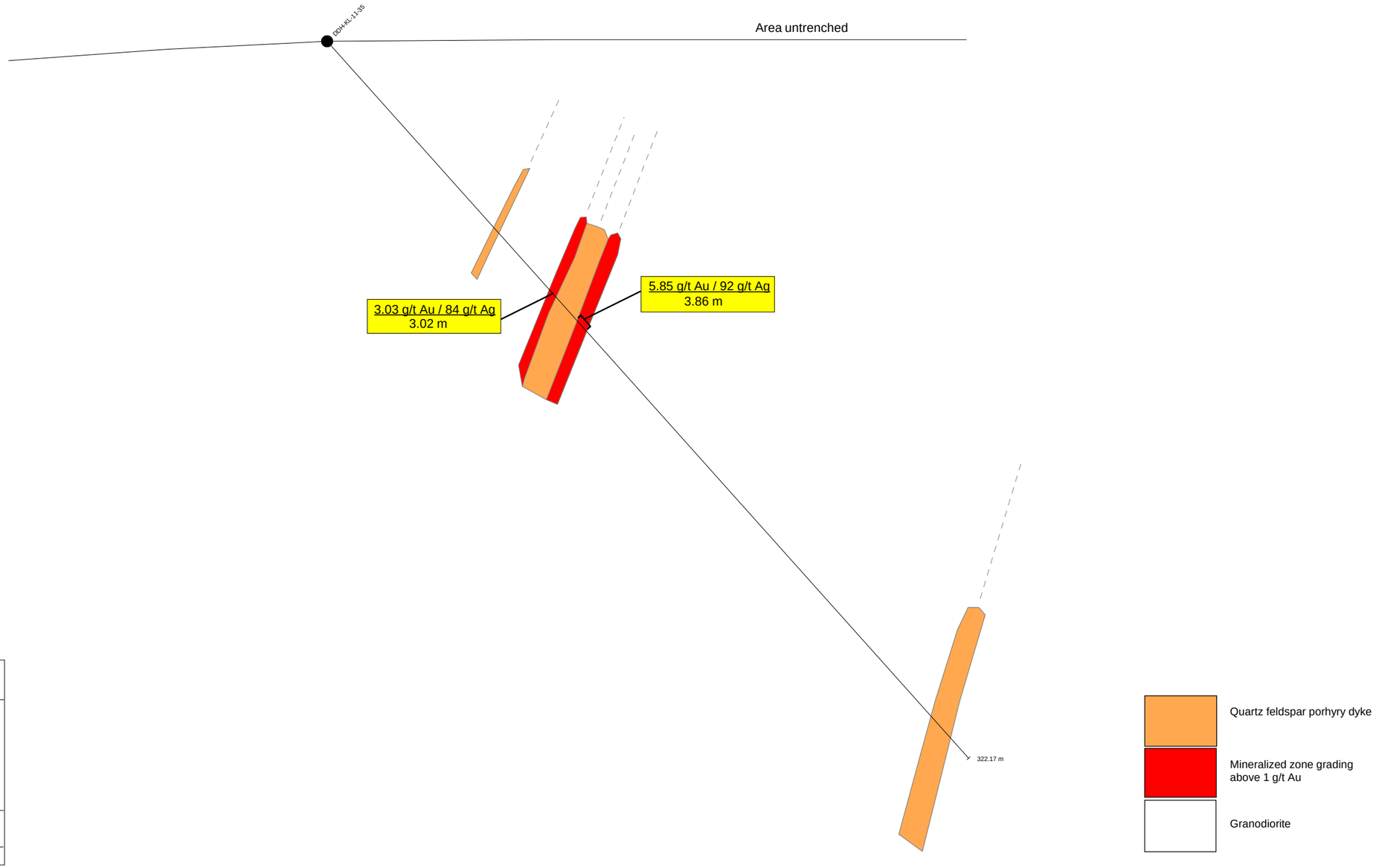
382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

DDH-KL-11-35

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 26

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-35 Drill Section

KLAZA PROPERTY

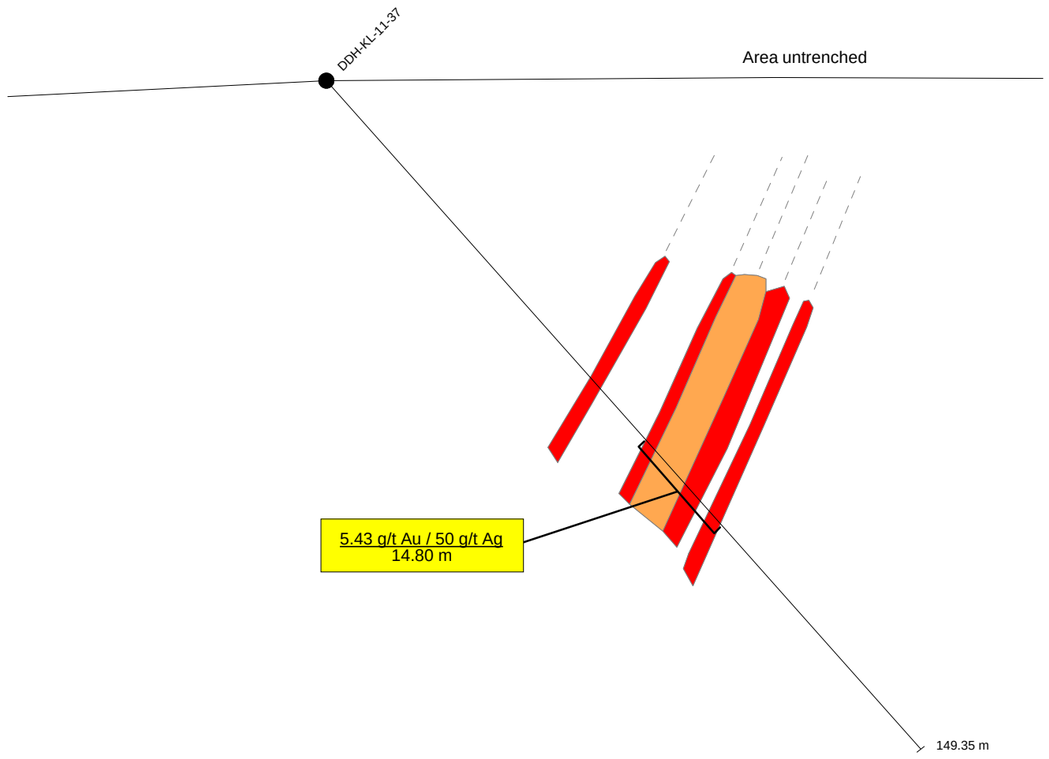
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

DDH-KL-11-37

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 27

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-37 Drill Section

KLAZA PROPERTY

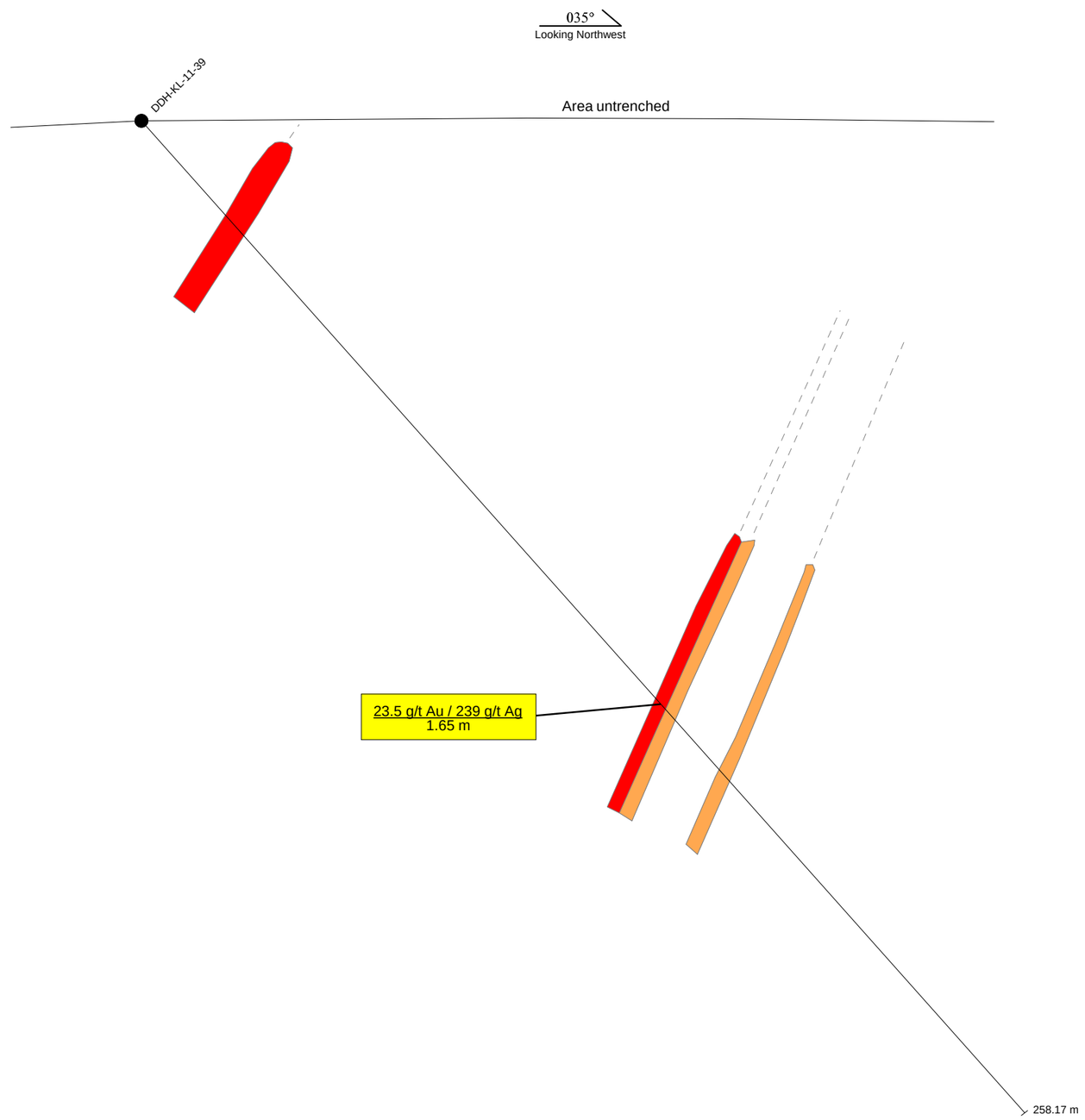
0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

- Quartz feldspar porhyry dyke
- Mineralized zone grading above 1 g/t Au
- Granodiorite

DDH-KL-11-39



ROCKHAVEN RESOURCES LTD.

FIGURE 28

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-KL-11-39 Drill Section

KLAZA PROPERTY

0 10 20 30 40 50 m

382826 E 6889392 N

FILE: ...2012\Klaza\...\Drill_Sections | DATE: MAY 2012

KLAZA ZONE

LOOKING NORTHEAST

145°

SURFACE TRACE

TR-11-33
1.25, 177
9.00

TR-11-30
4.87, 634
1.30

TR-11-28
2.05, 163
1.96

TR-11-27
3.07, 80
0.80

TR-10-19
12.45, 305.0
1.45

TR-10-10
2.87, 42.3
20.10

TR-10-09
2.33, 34.9
16.35

TR-10-11
2.64, 10.6
4.67

TR-10-12
2.56, 30.4
17.70

TR-11-26
7.17, 16
7.11

DDH-11-36
0.41, 165
3.04

DDH-11-34
1.31, 66
8.47

DDH-11-26
0.98, 15
11.33

DDH-11-15
4.24, 15
10.46

DDH-11-16
2.89, 49
15.11

DDH-10-03
2.29, 36
19.75

DDH-11-25
4.22, 75
6.27

DDH-11-38
0.99, 25
19.40

DDH-11-40
5.39, 26
4.69

DDH-11-47
6.93, 36
3.76

DDH-11-53
0.77, 5
12.99

DDH-11-57
0.58, 8
11.90

DDH-11-32
4.20, 16
0.98

DDH-11-21
1.25, 31
12.34

DDH-10-07
7.20, 260
15.30

DDH-11-18
0.75, 18
41.55

DDH-11-13
1.24, 12
9.01

DDH-11-27
1.76, 26
26.21

DDH-10-10
1.04, 15
33.30

DDH-11-43
1.08, 18
14.87

DDH-11-50
1.18, 6
16.52

DDH-11-56
5.03, 14
12.51

DDH-11-59
0.57, 12
11.57

DDH-11-62
0.65, 25
12.17

DDH-11-52
1.20, 8
16.85

DDH-11-58
1.50, 36
17.42

DDH-11-61
1.21, 8
24.27

DDH-11-46
0.88, 22
9.12

DDH-11-41
1.59, 9
9.68

DDH-11-19
1.27, 12
30.42

DDH-11-17
3.78, 25
12.03

DDH-11-12
1.75, 42
8.46

DDH-11-31
5.07, 98
1.01

DDH-11-55
0.76, 10
11.34

DDH-11-60
0.86, 17
4.74

DDH-11-28
10.25, 585
1.46

DDH-11-44
2.67, 50
10.15

DDH-11-63
1.17, 15
10.25

DDH-11-14
2.39, 22
8.11

DDH-11-20
1.75, 11
10.85

GOLD EQUIVALENT= SAMPLE GRADE (G/T) x METRES*

TRENCH	DRILL	
		≥ 30 < 185
		≥ 20 < 30
		≥ 10 < 20
		≥ 5 < 10
		≥ 0 < 5

*GOLD EQUIVALENT SAMPLE GRADE = GRAMS GOLD + (GRAMS SILVER ÷ RATIO BETWEEN $ GOLD TO $ SILVER) X WIDTH OF INTERVAL IN METRES. ALL $ VALUES BASED ON $1600/OUNCE GOLD AND $32/OUNCE SILVER. THEY ARE GROSS IN-SITU METAL VALUES THAT DO NOT ACCOUNT FOR LESS THAN COMPLETE METALLURGICAL RECOVERIES OR COSTS RELATED TO EXTRACTION, SMELTING, REFINING OR TAXES.

DDH-11-15
4.24, 15
10.46

Drill or trench ID with assay results for Au and Ag in g/t over interval in metres

0 150 m

ROCKHAVEN RESOURCES LTD.

FIGURE 29

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KLAZA ZONE VERTICAL LONGITUDINAL SECTION

KLAZA PROPERTY

FILE:...2012/Klaza/Figures/Klaza Long | May 2012

T.N.

22°32'

Grid north

Magnetic north

6 892 000 mN

6 890 000 mN

380 000 mE

382 000 mE

384 000 mE

PDH-11-16

PDH-11-15

PDH-11-14

PDH-11-13

PDH-11-17

PDH-11-12

PDH-11-05

PDH-11-11

PDH-11-06

PDH-11-19

PDH-11-04

PDH-11-10

PDH-11-07

PDH-11-09

PDH-11-18

PDH-11-08

PDH-11-01

PDH-11-02

PDH-11-3

PDH-11-21

4,100

4,200

4,700

Property Boundary

2011 Reverse circulation percussion drill hole

ROCKHAVEN RESOURCES LTD.

FIGURE 30

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

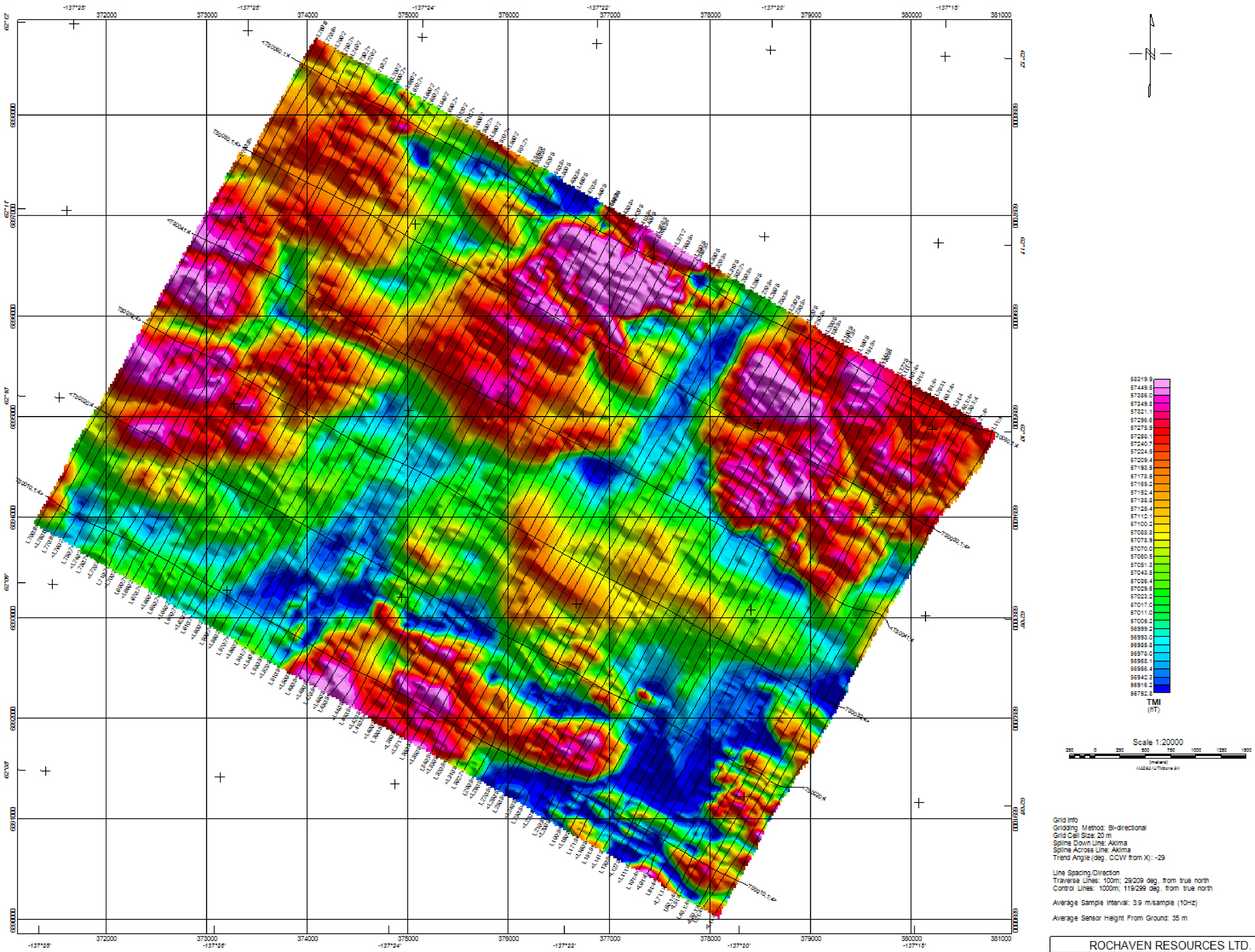
PERCUSSION DRILL HOLE LOCATIONS

KLAZA PROPERTY

0 m 200 m 400 m 600 m 800 m

UTM ZONE 8, NAD 83

FILE: 2011/Basemaps/.../proposed_drilling_trenching | DATE: MAY 2012



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 20 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): -29

Line Spacing/Direction
Traverse Lines: 100m; 29/209 deg. from true north
Control Lines: 1000m; 119/299 deg. from true north

Average Sample Interval: 3.9 m/sample (10Hz)

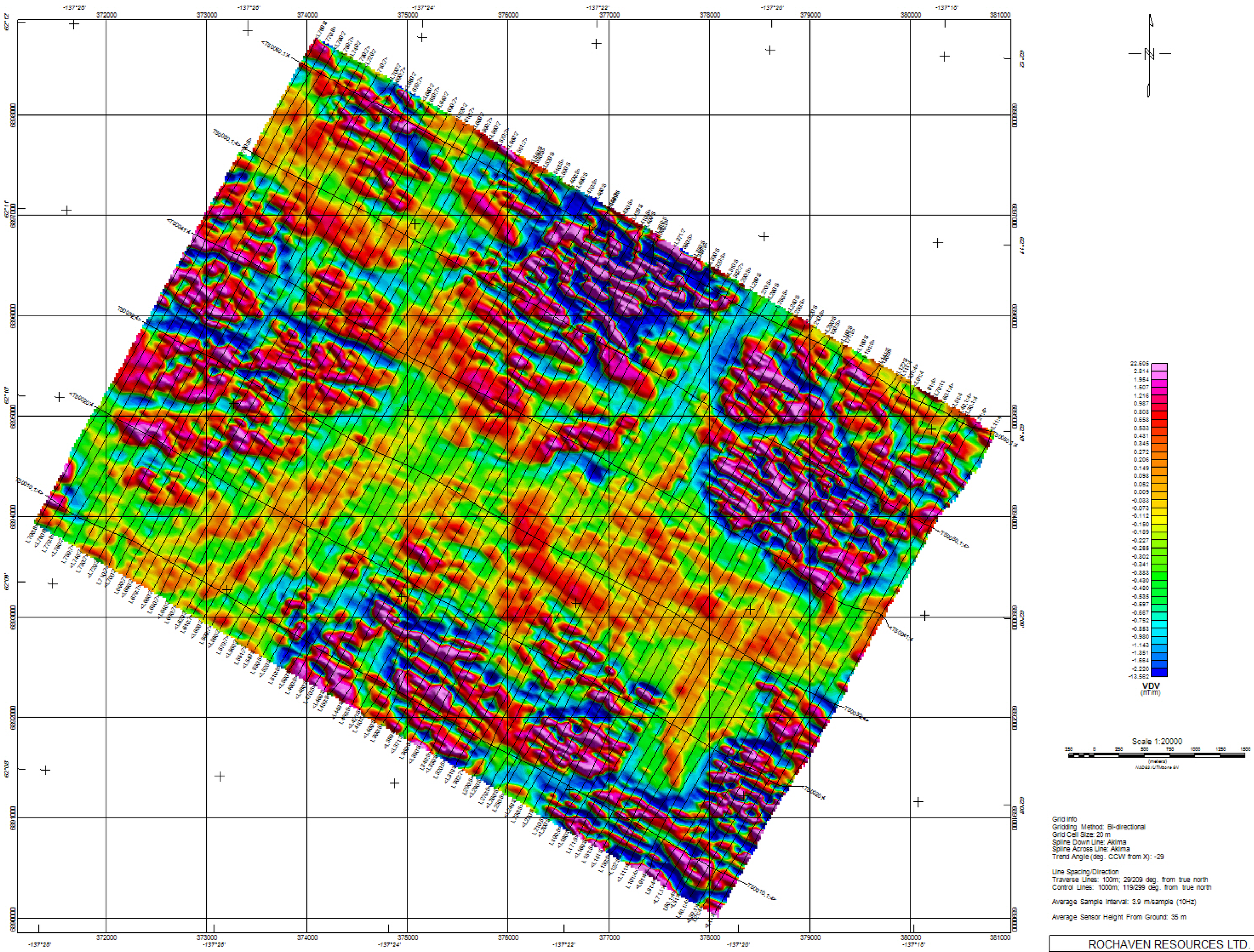
Average Sensor Height From Ground: 35 m

ROCHAVEN RESOURCES LTD.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Klaza Extension Block
Total Magnetic Intesity (TMI) Map

Dates Flown: July 15 - 16, 2011

New-Sense Geophysics Ltd.



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 20 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): -29

Line Spacing/Direction
Traverse Lines: 100m; 29/209 deg. from true north
Control Lines: 1000m; 119/299 deg. from true north

Average Sample Interval: 3.9 m/sample (10Hz)

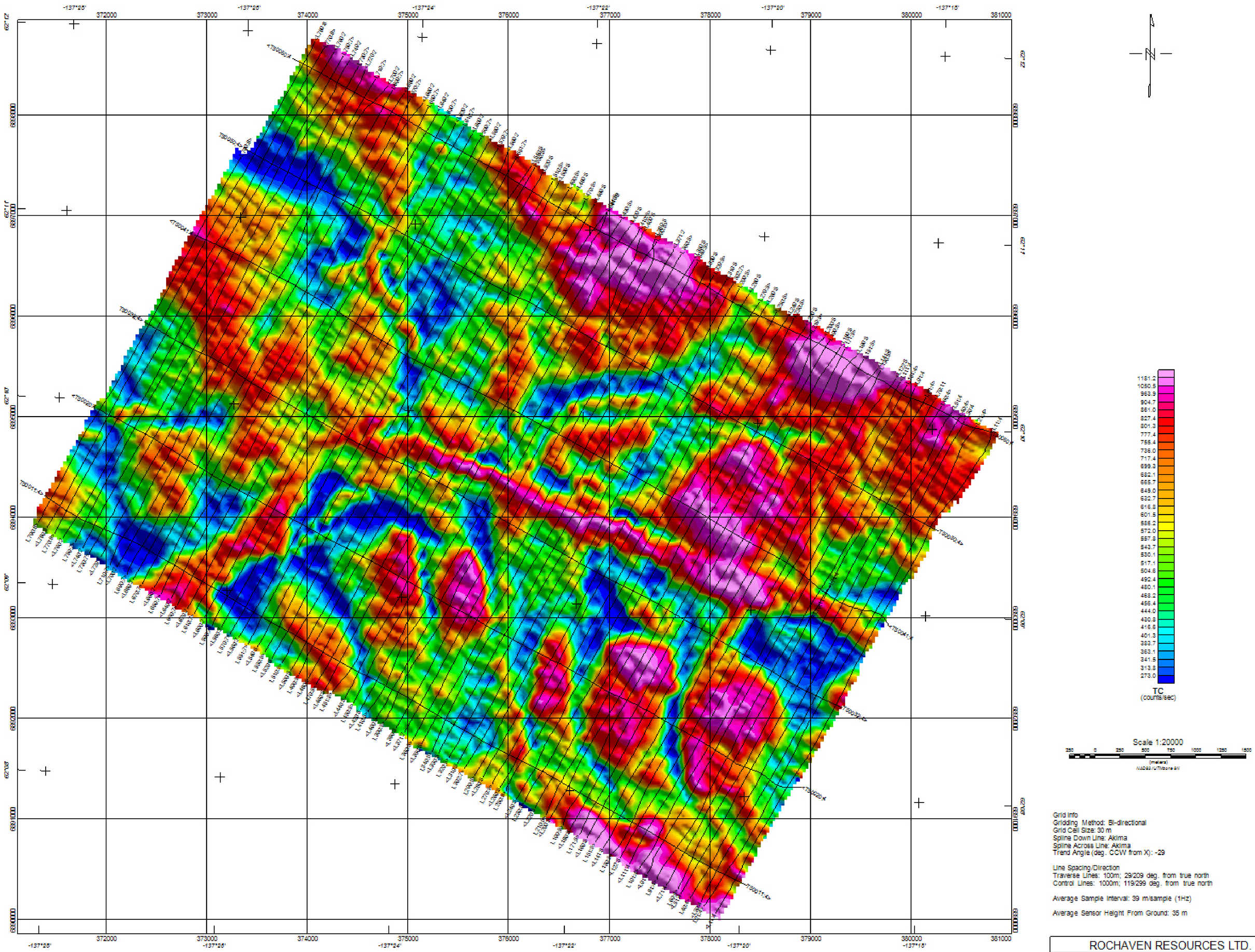
Average Sensor Height From Ground: 35 m

ROCHAVEN RESOURCES LTD.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Klaza Extension Block
1st Odrer Vertical Derivative (VDV) Map

Dates Flown: July 15 - 16, 2011

New-Sense Geophysics Ltd.



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): -29

Line Spacing/Direction
Traverse Lines: 100m; 29/209 deg. from true north
Control Lines: 1000m; 119/299 deg. from true north

Average Sample Interval: 39 m/sample (1Hz)

Average Sensor Height From Ground: 35 m

ROCHAVEN RESOURCES LTD.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Klaza Extension Block
Total Count (TC) Map

Dates Flown: July 15 - 16, 2011

New-Sense Geophysics Ltd.

DDH-48	Herc	382805	6889740	1422	035	-50	209.4
DDH-49		381172	6891104	1224	035	-50	334.37
DDH-50	Klaza	382937	6890075	1372	035	-50	285.6
DDH-51	Herc	382932	6889649	1425	035	-50	230.12
DDH-52	Klaza	382900	6890027	1381	035	-50	319.13
DDH-53	Klaza	383007	6890085	1361	035	-50	202.39
DDH-54		381109	6891374	1204	035	-50	300.84
DDH-55	Klaza	382863	6889978	1391	035	-50	383.13
DDH-56	Klaza	382965	6890029	1374	035	-50	238.35
DDH-57	Klaza	383032	6890035	1366	035	-50	188.06
DDH-58	Klaza	382921	6889971	1386	035	-50	303.88
DDH-59	Klaza	382992	6889981	1377	035	-50	273.41
DDH-60	Klaza	382919	6889884	1399	035	-50	370.94
DDH-61	Klaza	382957	6889934	1388	035	-50	364.85
DDH-62	Klaza	382985	6889890	1390	035	-50	340.46
DDH-63	Klaza	382788	6889963	1396	035	-50	434.95

The 2011 diamond drill program successfully expanded zones of gold and silver mineralization identified by previous operators, and discovered new zones elsewhere on the property. The most significant expansion of the known zones occurred at the Klaza and BRX zones.

The Klaza zone is the most northerly of the four main gold-silver bearing structural zones identified on the Klaza property. In 2011, it was tested by 10,335 m of diamond drilling in 37 holes. The drill holes are located approximately 50 m apart, and most are on section lines that each comprise three to four holes.

The 2011 diamond drilling at the Klaza zone intersected significant mineralization along an 850 m strike length and to a maximum depth of 250 m downdip of near surface trench exposures. The zone remains open for expansion along strike in both directions and at depth. Mineralization exhibits exceptional continuity with 36 of 40 diamond drill holes that tested the Klaza zone in 2010 and 2011 intersecting at least 1.0 gram gold equivalent/tonne over widths ranging between 3.04 and 36.50 m (average 1.81 g/t gold and 31 g/t silver over 13.04 m). The continuity is further illustrated by gram-metre multiples (g/t gold equivalent multiplied by intersected core length), with 78.5% of the holes that tested the Klaza zone returning greater than 15 gram-metre multiples.

Mineralization within the central and western portions of the Klaza zone (west of section KL 10+200 m) is hosted within a laterally extensive complex of steeply dipping veins, breccias and sheeted veinlets that are associated with a swarm of quartz-feldspar porphyry dykes. The best developed veins are typically found along dyke selvages. These veins consist of smoky and chalcedonic quartz, range from 1 to 200 cm in width and host disseminated to semi-massive pyrite, arsenopyrite, stibnite, galena and sphalerite. Heterolithic breccia zones are developed locally along the veins and host disseminated to blebby pyrite, arsenopyrite, sphalerite and galena in a black sulphide matrix. The best result returned from this part of the Klaza zone in 2011 was from hole DDH-KL-11-16, which graded 6.09 g/t gold and 101 g/t silver over 6.78 m.

The eastern portion of the Klaza zone (extending east from section KL 10+200) breaks into two sub-parallel bands, the Upper and Lower Klaza zones. The best mineralization in these bands is generally hosted in the Upper Klaza zone which is on the hanging wall side of the dyke swarm. Hole KL-11-56, produced the best results from 2011 drilling on the Upper Klaza zone, an interval that averaged 5.03 g/t gold and 14 g/t silver over 12.51 m.

Mineralization within the Lower Klaza zone is similar that in the western and central portions of the zone where veins are emplaced along or near the margins of dykes. The mineral assemblages are also similar, although with significantly less galena. The deepest intercepts (200-250 m downdip from surface) intersected the best mineralization in the Lower Klaza zone, with hole KL-11-44 returning 2.67 g/t gold and 50 g/t silver across 10.15 m.

Figure 29 is a vertical longitudinal section that demonstrates assay results returned from diamond drilling and excavator trenching at the Klaza zone.

The heterolithic breccias and multi-phase veining seen within the Klaza zone are characteristic features associated with many significant epithermal precious metal deposits. Individual veins typically exhibit symmetric zoning from the centre to the borders, suggesting deposition from evolving fluids in an active, extensional environment. In many cases, the centre of the veins exhibited brecciated textures, indicative of a final explosive event.

Magnetic susceptibility measurements taken from the 2010 and 2011 core indicate that the hydrothermally altered structural zones are considerably less magnetic than the unaltered granodiorite which surrounds them. Table IV illustrates the results from the drill holes completed in 2010 and 2011.

TABLE IV: MAGNETIC SUSCEPTIBILITY DATA

Drill Hole ID	Average Magnetic Susceptibility of core from hanging wall of zone (SI)	Average Magnetic Susceptibility of core within zone (SI)	Average Magnetic Susceptibility of core from footwall of zone (SI)
Klaza zone	10.10	1.26	8.73
BRX zone	5.85	0.37	6.96

The BRX zone is the most southerly mineralized zone identified to date on the Klaza property. Nine diamond drill holes tested the BRX zone in 2011 at 150 to 225 m intervals along a strike length of 1.3 km. Eight of the nine drill holes intersected significant gold-silver mineralization approximately 25 to 150 m downdip from surface. Combined with historical work, the BRX zone has been traced over a total strike length of 2 km by diamond drilling and excavator trenching. It is still open to extension along strike in both directions and downdip.

Mineralization within the BRX zone is associated with a single, laterally extensive quartz-feldspar porphyry dyke. Mesothermal-type vein mineralization occurs on the selvage of that dyke. Where the dyke appears to split into two or more ‘fingers’ the vein intensity typically increases, which results in wider mineralized intervals. The best result from 2011 drilling at the

BRX zone was from an interval in KL-11-37, which assayed 5.43 g/t gold and 50 g/t silver over 14.80 m. Three individual high grade veins ranging between 1.22 to 1.70 m in width contributed most of the grade from this interval.

The BYG zone is a third largest zone discovered to date. It parallels the Klaza zone, 125 m to the south. This zone demonstrates good grades with continuity along strike and downdip, where tested. The BYG zone is associated with a series of siliceous, brown quartz-feldspar porphyry dykes. Ten diamond drill holes were completed through the zone in 2010 and 2011, and all intersected significant mineralization. The best intercepts graded 4.57 g/t gold with 51.6 g/t silver across 3.97 m and 6.29 g/t gold with 342 g/t silver across 1.43 m. The BYG zone has been drilled along strike for 330 m and remains open for expansion in all directions.

The HERC zone was tested in 2011 by two diamond drill holes spaced 150 m apart. Both holes failed to replicate favourable results returned from trenching in 2010, but the zone should be further tested to fully evaluate its potential. The best result from 2011 drill was an interval that graded 1.63 g/t gold and 1.3 g/t silver over 1.00 m.

Four scout diamond drill holes were also completed in 2011 around the Caanan placer mine, located to the west of the main zones. These holes tested magnetic lows similar to those associated with the known zones. One of the holes also tested a coincident quartz-clay vein discovered by the placer miner. New discoveries were made in three of the four holes. No names have been given to the new zones as further work is needed to better determine how these discoveries relate to each other and to the known zones. All the mineralized intervals resemble the epithermal to mesothermal type veins identified elsewhere on the property. The best intercepts grade 2.94 g/t gold with 94 g/t silver over 1.30 m and 0.01 g/t gold with 422 g/t silver over 1.80 m.

While individual mineralized intercepts within the Klaza zone are generally comparable to those at other zones on the property, parts of the Klaza zone have bulk tonnage potential because a series of sub-parallel veins are relatively closely spaced within a structural zone that is 10 to 75 m wide. This style of mineralization is well illustrated by the histogram plots showing gold equivalent grades along the length of the Klaza zone drill holes.

Significant results from the 2010 and 2011 diamond drill program are shown on Table V below.

TABLE V: SIGNIFICANT DIAMOND DRILL HOLE RESULTS

Hole ID	Zone ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)	Gold Equiv.* (g/t)
KL-10-03	Hanging Wall	32.96	35.50	2.54	4.34	71.2	5.76
	Klaza	62.08	112.36	50.28	1.10	23.5	1.57
Including		62.08	64.74	2.67	2.41	130.1	5.01
Including		86.93	106.68	19.75	2.29	36.1	3.01
Including		86.93	89.55	2.62	13.05	143	15.91

KL-10-04	BRX	97.60	111.00	13.40	0.74	9.1	0.92
Including		109.83	111.00	1.17	5.07	53.6	6.14
KL-10-05	BYG	20.41	48.90	28.49	0.77	14.8	1.07
Including		20.41	24.38	3.97	4.57	51.6	5.60
And	Hanging Wall	79.20	81.16	1.96	1.47	95.1	3.37
KL-10-06	BRX (footwall)	21.64	25.00	3.36	32.52	34.3	33.2
KL-10-07	Hanging Wall	33.50	34.50	1.00	1.91	38.5	2.68
And	Hanging Wall	57.80	58.80	1.00	5.51	107	7.65
And	Klaza	128.00	164.50	36.50	3.23	117.7	5.58
Including		134.00	149.30	15.30	7.20	260.0	12.40
Including		138.50	139.50	1.00	39.3	709	53.48
Including		146.77	149.30	2.53	24.7	1087.0	46.44
KL-10-10	Klaza	137.00	211.30	74.30	0.70	8.3	0.87
Including		137.00	146.30	9.30	1.51	7.4	1.66
Including		137.00	139.15	2.15	3.81	21.5	4.24
Including		145.10	146.30	1.20	4.12	7.8	4.28
Including		178.00	211.30	33.30	1.04	14.7	1.33
Including		178.00	179.00	1.00	8.78	182	12.42
Including		203.00	204.00	1.00	3.81	19.8	4.21
Including		210.00	211.30	1.30	12.9	181	16.52
KL-11-12	Hanging Wall	107.08	108.10	1.02	3.06	253	8.12
	Hanging Wall	194.40	196.36	1.96	1.98	49	2.96
	Klaza	217.34	225.80	8.46	1.75	42	2.59
Including		221.00	225.80	4.80	2.80	70	4.20
	Footwall	257.70	258.72	1.02	3.70	7	3.84
KL-11-13	Hanging Wall	89.23	94.00	4.77	1.71	34	2.39
	Hanging Wall	137.23	139.16	1.93	1.13	37	1.87
	Klaza	156.45	203.61	47.16	0.52	6	0.64
Including		156.45	165.46	9.01	1.24	12	1.48
KL-11-14	Hanging Wall	120.10	121.10	1.00	1.75	32	2.39
	Hanging Wall	155.13	156.07	0.94	0.58	135	3.28
	Hanging Wall	231.76	232.79	1.03	7.99	45	8.89
	Klaza	289.68	307.46	17.78	1.14	12	1.38
Including		289.68	297.79	8.11	2.39	22	2.83
KL-11-15	Klaza	76.66	87.12	10.46	4.24	15	4.54
	Footwall	109.80	111.18	1.38	1.98	56	3.10

KL-11-16	Hanging Wall	55.28	57.00	1.72	1.00	16	1.32
	Klaza	79.71	94.82	15.11	2.89	49	3.87
Including		88.04	94.82	6.78	6.09	101	8.11
KL-11-17	Hanging Wall	141.42	142.50	1.08	9.68	211	13.90
	Klaza	207.27	219.30	12.03	3.78	25	4.28
Including		215.36	219.30	3.94	11.25	72	12.69
	Footwall	267.11	269.58	2.47	3.98	20	4.38
KL-11-18	Hanging Wall	72.48	75.26	2.78	0.94	12	1.18
	Hanging Wall	131.22	172.77	41.55	0.75	18	1.11
Including		131.22	136.25	5.03	1.07	84	2.75
	Klaza	153.00	172.77	19.77	1.03	9	1.21
KL-11-19	Hanging Wall	176.28	177.79	1.51	1.00	19	1.38
	Klaza	204.49	234.91	30.42	1.27	12	1.51
Including		232.02	234.91	2.89	7.81	43	8.67
KL-11-20	Hanging Wall	61.29	62.37	1.08	0.57	83	2.23
	Hanging Wall	118.12	119.14	1.02	1.48	78	3.04
	Hanging Wall	213.94	215.79	1.85	1.84	3	1.90
	Hanging Wall	226.55	228.21	1.66	1.29	55	2.39
	Hanging Wall	262.00	263.00	1.00	11.90	12	12.14
	Hanging Wall	274.30	277.22	2.92	1.99	16	2.31
	Hanging Wall	314.29	317.34	3.05	1.54	7	1.68
	Klaza	345.47	356.32	10.85	1.75	11	1.97
KL-11-21	Klaza	133.00	145.34	12.34	1.25	31	1.87
Including		133.00	134.92	1.92	7.24	176	10.76
And	Klaza	166.48	171.88	5.40	2.37	23	2.83
KL-11-22	BRX	56.20	61.40	5.20	0.47	124	2.95
KL-11-23	BRX	109.00	110.55	1.55	3.99	229	8.57
KL-11-24	BRX	72.00	73.37	1.37	3.15	72	4.59
KL-11-25	Klaza	52.48	64.42	11.94	2.31	41	3.13
Including	Klaza	52.48	58.75	6.27	4.22	75	5.72
And	Footwall	94.70	95.71	1.01	7.48	445	16.38
KL-11-26	Klaza	72.01	83.34	11.33	0.98	15	1.28
KL-11-27	Klaza	101.28	114.33	13.05	2.27	15	2.57

Including		101.28	103.22	1.94	8.56	77	10.10
And	Klaza	143.82	170.03	26.21	1.76	26	2.28
Including		144.37	145.16	0.79	27.4	549	38.38
Including		155.93	157.53	1.60	6.43	50	7.43
Including		168.57	170.03	1.46	7.41	54	8.49
And	Footwall	211.99	213.43	1.44	10.19	23	10.65
Including		211.99	212.60	0.61	21.3	39	22.08
KL-11-28	Hanging Wall	72.48	75.10	2.62	1.60	32	2.24
And	Klaza	202.00	202.63	0.63	5.41	54	6.49
And	Klaza	253.66	255.12	1.46	10.25	585	21.95
KL-11-29	BRX	31.90	41.24	9.34	1.95	147	4.89
Including		31.90	34.90	3.00	3.29	407	11.43
KL-11-31	Hanging Wall	229.73	231.72	1.99	2.58	19	2.96
And	Klaza	248.52	249.53	1.01	5.07	98	6.87
KL-11-32	Hanging Wall	70.36	71.34	0.98	0.68	98	2.64
And	Klaza	117.09	118.04	0.98	4.2	16	4.52
And	Klaza	122.81	123.43	0.62	2.47	14	2.75
KL-11-33	BRX	120.30	121.64	1.34	5.51	180	9.11
KL-11-34	Hanging Wall	16.52	18.53	2.01	1.48	33	2.14
And	Klaza	148.95	157.42	8.47	1.31	66	2.63
Including		156.28	157.42	1.14	5.84	122	8.28
KL-11-35	BRX	112.42	115.44	3.02	3.03	84	4.71
	BRX	126.74	130.60	3.86	5.85	92	7.69
KL-11-36	Klaza	59.42	62.46	3.04	0.41	165	3.71
And	Footwall	136.00	138.00	2.00	1.61	102	3.65
And	Footwall	174.00	176.02	2.02	1.48	32	2.12
And	Footwall	242.71	245.00	2.29	1.37	32	2.01
KL-11-37	BRX	81.13	95.93	14.80	5.43	50	6.43
Including		81.13	82.83	1.70	11.05	133	13.71
Including		88.95	90.17	1.22	34.00	298	39.96
Including		94.68	95.93	1.25	13.1	97	15.04
KL-11-38	Klaza	64.82	84.22	19.40	0.99	25	1.49
Including		66.80	69.70	2.90	2.88	14	3.16
Including		75.38	76.62	1.24	6.00	179	9.58
And	Footwall	102.87	104.19	1.32	6.67	94	8.55

And	Footwall	115.55	116.77	1.22	3.54	42	4.38
KL-11-39	BRX	151.29	152.94	1.65	23.50	239	28.28
KL-11-40	Klaza	63.33	68.02	4.69	5.39	26	5.91
And	Footwall	82.36	83.36	1.00	4.48	5	4.58
And	Footwall	130.60	137.68	7.08	0.70	13	0.96
And	Footwall	175.65	177.17	1.57	2.06	11	2.28
KL-11-41	Klaza	183.63	193.31	9.68	1.59	9	1.77
And	Footwall	207.44	212.58	5.14	1.16	12	1.40
And	Footwall	253.31	254.75	1.44	3.09	12	3.33
And	Footwall	306.93	308.31	1.38	1.08	17	1.42
And	Footwall	340.30	341.30	1.00	2.60	16	2.92
KL-11-42	Canaan Placer	41.63	42.51	0.88	1.45	30	2.05
And		94.82	96.62	1.80	0.01	422	8.45
KL-11-43	Hanging Wall	89.44	90.80	1.36	1.95	84	3.63
And	Klaza	120.15	135.02	14.87	1.08	18	1.44
And	Footwall	149.95	151.66	1.71	3.02	46	3.94
And	Footwall	202.59	208.80	6.21	0.93	16	1.25
And	Footwall	260.55	262.70	2.15	4.42	12	4.66
KL-11-44	BYG	14.21	17.02	2.81	0.86	9	1.04
		80.39	82.19	1.80	1.85	67	3.19
And	Hanging Wall	193.00	194.42	1.42	0.50	143	3.36
And	Hanging Wall	234.00	235.00	1.00	2.56	3	2.62
And	Klaza	291.55	301.70	10.15	2.67	50	3.67
Including		291.55	296.41	4.86	4.76	88	6.52
	Footwall	342.96	343.98	1.02	1.63	35	2.33
KL-11-45	Canaan Placer	125.64	127.10	1.46	1.05	51	2.07
And		134.95	136.25	1.30	2.94	94	4.82
KL-11-46	Klaza	179.03	204.51	25.48	0.53	11	0.75
Including		179.03	188.15	9.12	0.88	22	1.32
And	Footwall	242.90	243.71	0.81	11.95	151	14.97
And	Footwall	293.48	294.68	1.20	4.25	16	4.57
KL-11-47	Klaza	57.72	61.48	3.76	6.93	36	7.65
And	Klaza	73.86	74.86	1.00	2.79	52	3.83
And	Klaza	145.39	157.52	12.13	1.18	14	1.46
Including		156.52	157.52	1.00	9.28	78	10.84

KL-11-48	Herc	32.61	33.61	1.00	1.63	13	1.89
	BYG	188.10	190.94	2.84	2.44	31	3.06
Hole KL-11-48 Terminated Before Testing Klaza Zone							
KL-11-49	Canaan Placer	208.75	209.70	0.95	0.55	140	3.35
KL-11-50	Hanging Wall	51.05	53.95	2.90	14.05	30	14.65
And	Klaza	108.49	125.01	16.52	1.18	6	1.30
And	Klaza	199.35	214.22	14.87	1.02	8	1.18
And	Footwall	252.02	253.48	1.46	4.71	19	5.09
KL-11-51	BYG	188.36	189.76	1.40	2.15	12	2.39
And	BYG	201.81	202.45	0.64	23.60	74	25.08
	BYG	218.76	220.13	1.37	7.51	57	8.65
Hole KL-11-51 Terminated Before Testing Klaza Zone							
KL-11-52	Klaza	149.24	166.09	16.85	1.20	8	1.36
And	Klaza	192.51	193.53	1.02	2.48	49	3.46
And	Klaza	257.37	265.55	8.18	2.22	19	2.60
Including		263.08	263.58	0.50	31.10	208	35.30
KL-11-53	Hanging Wall	33.38	34.28	0.90	3.26	4	3.34
And	Klaza	45.27	58.26	12.99	0.77	5	0.87
Including		45.27	49.89	4.62	1.41	7	1.55
And	Footwall	174.67	176.46	1.79	8.19	30	8.79
KL-11-55	BYG	82.85	84.43	1.50	4.87	35	5.57
And	Klaza	244.00	255.34	11.34	0.76	10	0.96
And	Klaza	264.46	265.58	1.12	3.08	57	4.22
And	Klaza	276.80	284.22	7.42	0.67	46	1.59
And	Footwall	308.25	311.22	2.97	2.26	21	2.67
And	Footwall	369.64	370.64	1.00	3.37	141	6.19
KL-11-56	Klaza	109.12	121.63	12.51	5.03	14	5.31
And		232.23	233.23	1.00	9.34	76	10.86
KL-11-57	Klaza	60.05	71.95	11.90	0.58	8	0.74
Including		67.63	71.95	4.32	0.96	10	1.16
KL-11-58	BYG	18.62	20.42	1.80	2.79	26	3.31
And	Hanging Wall	61.32	62.32	1.00	2.85	47	3.79
And	Hanging Wall	70.07	71.35	1.28	13.05	60	14.25
And	Klaza	179.28	196.70	17.42	1.50	36	2.22
Including		182.66	184.86	2.20	4.38	192	8.22
Including		187.56	188.96	1.40	5.11	27	5.65

Including		195.70	196.70	1.00	3.81	112	6.05
And	Footwall	238.07	239.51	1.44	2.46	28	3.02
And	Footwall	248.97	249.97	1.00	5.45	18	5.81
And	Footwall	264.20	265.20	1.00	3.66	112	5.90
And	Footwall	290.03	291.03	1.00	3.84	44	4.72
KL-11-59	Klaza	107.65	119.22	11.57	0.57	12	0.81
Including		117.67	119.22	1.55	1.20	6	1.32
KL-11-60	Hanging Wall	66.14	67.06	0.92	4.45	6	4.57
And	BYG	90.03	96.38	6.35	1.17	16	1.49
And	Hanging Wall	133.19	138.01	4.82	1.42	22	1.86
And	Hanging Wall	234.62	239.95	5.33	0.82	6	0.94
And	Klaza	261.21	265.95	4.74	0.86	17	1.20
And	Footwall	293.41	295.33	1.92	1.17	17	1.51
KL-11-61	BYG	15.04	17.47	2.43	2.03	23	2.49
And	Hanging Wall	24.28	27.35	3.07	1.76	7	1.90
And	Hanging Wall	75.08	82.20	7.12	1.39	19	1.77
And	Klaza	160.63	184.90	24.27	1.21	8	1.37
And	Footwall	279.86	286.66	6.80	0.81	7	0.95
And	Footwall	299.75	301.05	1.30	1.42	105	3.52
And	Footwall	308.73	309.98	1.25	2.92	41	3.74
KL-11-62	BYG	51.81	55.40	3.59	3.81	14	4.09
And	Klaza	161.03	173.20	12.17	0.65	25	1.15
Including		161.03	163.68	2.65	1.50	71	2.92
And	Footwall	275.03	276.03	1.00	1.02	169	4.40
And	Footwall	299.05	300.70	1.65	7.17	14	7.45
KL-11-63	BYG	69.77	71.20	1.43	6.29	342	13.13
And	Hanging wall	125.41	126.41	1.00	1.84	111	4.06
And	Klaza	300.67	310.92	10.25	1.17	15	1.47
Including		300.67	301.67	1.00	8.17	91	9.99

DENSITY MEASUREMENTS

Density measurements were taken on core, throughout the 2011 drill program with a total of 107 density measurements from 37 of the 52 holes. Measurements included vein, dyke, fresh granodiorite and mineralized granodiorite material. Sample densities were determined by cutting a 10 cm long section of core and then determining its weight dry and its weight in water. That data is applied to the following formula to establish the density of each sample:

Density = (dry weight ÷ weight in water) x [Pi x (diameter of core ÷ 2)^2 x length of core]

Results from the density program are shown in Tables VI and VII.

TABLE VI: DENSITY VALUES COMPARING ROCK TYPES

Material	# of Samples	Highest Value	Lowest Value	Average Value
Porphyry Dyke	14	3.24	2.44	2.70
Mineralized Vein	18	4.39	2.77	3.28
Mineralized Granodiorite*	37	3.65	2.21	2.68
Unaltered Granodiorite	38	3.34	2.13	2.64

*Phyllic, argillic and propylitic altered granodiorite hosting quartz-sulphide veins and veinlets. Breccia veins and gouge also occasionally present.

TABLE VII: DENSITY VALUES COMPARING MINERALIZED ZONES

Zone	# of Samples	Highest Value	Lowest Value	Average Value
Klaza Zone*	11	4.39	2.44	3.04
Klaza Zone Footwall	29	3.34	2.51	2.69
Klaza Zone Hanging Wall	33	3.46	2.21	2.77
BRX Zone*	4	3.97	2.67	3.17
BRX Zone Footwall	8	2.76	2.13	2.60
BRX Zone Hanging Wall	16	3.34	2.43	2.68
BYG Zone	1	3.31	3.31	3.31
Other Zones	5	3.09	2.59	2.85

*Includes feldspar porphyry dyke material within the zone

Results returned from the density measurements were generally as visually expected. Mineralized veins usually contain significant concentrations of pyrite and galena, both of which have much higher specific gravities than normal rock forming minerals. More thorough density measurements are proposed for future work on the property, especially to characterize different styles of mineralization.

REVERSE CIRCULATION PERCUSSION DRILLING

A 21 hole reverse circulation percussion drill program was completed at the Klaza property in fall 2011. The holes were designed to test targets identified by geophysical and soil geochemical surveys conducted in 2010. The majority of the holes were drilled west of the known mineralized zones and in the southeast portion of the Klaza river valley.

The first hole was collared on August 31, 2011 and the last hole was completed on September 30, 2011. The work was contracted to Midnight Sun Drilling Ltd. of Whitehorse, Yukon. The drilling was done using a track-mounted, diesel-powered reverse circulation percussion drill. The drill used equipment capable of drilling up to 500 m down hole depending on ground conditions. A total of 2940 m of reverse circulation percussion drilling was completed.

The plan view locations for the 2011 reverse circulation percussion drill holes are plotted on Figure 30. Sampling and Analytical Procedures for the chips are explained in Appendix IV, Certificates of Analyses are provided in Appendix V, and Geological Logs are given in Appendix VII. Key data concerning the 2011 reverse circulation percussion drill holes are shown on Table VIII.

TABLE VIII: PERCUSSION DRILL HOLE DATA

Hole	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip Angle	Length (m)
PDH-01	382724	6890305	1363	035	-50	282.59
PDH-02	382801	6890232	1366	035	-50	215.5
PDH-03	382686	6890258	1369	035	-50	327.66
PDH-04	382789	6890385	1351	035	-50	139.29
PDH-05	382816	6890340	1354	035	-50	181.35
PDH-06	382764	6890180	1375	035	-50	312.72
PDH-07	382779	6890291	1362	035	-50	230.73
PDH-08	382743	6890242	1368	035	-50	288.65
PDH-09	382724	6890129	1382	035	-50	419.4
PDH-10	382721	6890384	1355	035	-50	239.87
PDH-11	382357	6889628	1393	035	-50	102.2
PDH-12	382323	6889587	1389	035	-50	136.25
PDH-13	382620	6889365	1426	035	-50	361.8
PDH-14	382870	6890239	1359	035	-50	199.94
PDH-15	382758	6890433	1349	035	-50	181.97
PDH-16	382832	6890188	1369	035	-50	260.91
PDH-17	382687	6890340	1361	035	-50	281.03
PDH-18	382505	6889518	1411	035	-50	114.9
DDH-19	382255	6889721	1387	035	-50	96.01
DDH-20	382785	6890127	1380	035	-50	410.26
DDH-21	382697	6890435	1350	035	-50	245.97

The 2011 reverse circulation percussion drill program successfully identified areas containing pathfinder minerals and favourable alteration types, but unfortunately it did not discover any well mineralized vein zones. Galena, arsenopyrite and sphalerite were recognized in percussion holes 18 and 19, where they appeared to be disseminated throughout zones of phyllic altered granodiorite up to 20 m in width. Surprisingly, no significant gold or silver values were returned from samples taken over these intervals.

All 21 of the percussion drill holes cut altered granodiorite that was interpreted to represent alteration halos around structural zones.

PDH-15 intersected a volcanic feeder dyke at depth, which was not cut by the other percussion or diamond drill holes. The dyke was intersected between 84 and 94 m.

GEOPHYSICAL SURVEYS

A high sensitivity helicopter-borne magnetic and gamma-ray spectrometric survey was conducted by New-Sense Geophysics (NSG) of Toronto, Ontario between July 15 and 16, 2011. A total of 326 line km were flown on a grid that covered the northwestern parts of the property (Klaza 99 to 308 claims). The survey was flown with a Bell 206B3 helicopter operated by Northern Air Support from a temporary base at Carmacks, with intraday refuelling from a fuel cache at the Klaza camp. Survey equipment and techniques are described in a report contained in Appendix VIII. The 2011 survey expanded upon a similar survey flown over the southeastern part of the property in 2010.

Quality control was completed by Condor Consulting, Inc. of Lakewood, Colorado. Condor produced a 3D model of the total field magnetics and identified numerous structural lineaments across the survey area. The Condor report is attached in Appendix IX.

Magnetic data is shown on Figures 31 and 32 for both the 2010 and 2011 survey areas. The known structural zones and their inferred trends are overlain on both the total magnetic field and 1st vertical derivative maps. The known structural zones correlate well with magnetic lows. This observation is supported by the low magnetic susceptibility results returned from core samples within these structural zones compared to those from surrounding wallrocks.

The 2011 magnetic survey identified a number of prominent linear lows in the western half of the property, but the strongest feature is a north-south striking magnetic trough that cuts across the property. This feature's significance is unknown as there are no outcrops in this area and no trenching or drilling has been done there. Aho (1975) identified numerous frost boils containing porphyry fragments in the vicinity of the magnetic trough.

A number of linear magnetic lows were tested by the 2011 reverse circulation percussion drilling. All of the holes returned intervals of strongly altered granodiorite that resemble altered intervals surrounding known veins.

T.N.

22°32'

Grid north

Magnetic north

4,300

4,700

4,300

3,800

3,500

4,200

Regional

Klaza

BYG

BRX

HERC

4,600

6 896 000 mN

6 894 000 mN

6 892 000 mN

6 890 000 mN

6 888 000 mN

374 000 mE

376 000 mE

378 000 mE

380 000 mE

382 000 mE

384 000 mE

TMI (nT)

58319.9
57449.5
57386.0
57349.8
57321.1
57296.6
57275.9
57258.1
57240.7
57224.9
57209.2
57193.5
57178.5
57165.2
57152.4
57138.8
57125.4
57112.1
57100.2
57088.8
57078.9
57070.0
57060.5
57051.3
57043.5
57036.4
57029.6
57023.2
57017.0
57011.0
57005.2
56999.2
56993.0
56985.8
56978.0
56968.1
56956.4
56942.3
56916.2
56752.8

Known mineralized zones

ROCKHAVEN RESOURCES LTD.

FIGURE 31

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TOTAL MAGNETIC INTENSITY

KLAZA PROPERTY

0 500 1000 1500 2000 m

UTM ZONE 8, NAD 83

FILE: 2011/Klaza/.../KL-F31 Total Magnetic Intensity DATE: MAY 2012

T.N.

22°32'

Grid north

Magnetic north

4,300

4,700

4,300

3,800

3,500

4,200

Regional

Klaza

BYG

BRX

HERC

4,600

6 896 000 mN

6 894 000 mN

6 892 000 mN

6 890 000 mN

6 888 000 mN

374 000 mE

376 000 mE

378 000 mE

380 000 mE

382 000 mE

384 000 mE

22.606
2.814
1.954
1.507
1.216
0.987
0.808
0.658
0.533
0.431
0.345
0.272
0.206
0.149
0.096
0.052
0.009
-0.033
-0.073
-0.112
-0.150
-0.189
-0.227
-0.265
-0.302
-0.341
-0.383
-0.430
-0.480
-0.535
-0.597
-0.667
-0.752
-0.853
-0.980
-1.143
-1.351
-1.664
-2.220
-13.562

VDV (nT/m)

Known mineralized zones

ROCKHAVEN RESOURCES LTD.

FIGURE 32

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIRST VERTICAL DERIVATIVE

KLAZA PROPERTY

0 500 1000 1500 2000 m

UTM ZONE 8, NAD 83

FILE: 2012/Klaza/.../1st Vertical Derivative | DATE: MAY 2012

Potassium radiometric data is shown on Figure 33. Elevated potassic radioactivity is coincident in the general area of known mineralization in the eastern part of the property. The numerous porphyry dykes identified within this area are the probable source of this radioactivity.

The Klaza River valley returned generally subdued radiometric response. This is likely due to thick vegetation and water saturation in the flats adjacent to the river. Elevated radioactivity that directly correlates with the Klaza River is probably caused by exposed river gravels, which include abundant granitic material.

SOIL GEOCHEMICAL SAMPLING

The soil geochemical survey conducted in 2011 was designed to explore along strike of known vein zones. Most of the sampling was conducted between two and six kilometres northwest of the known zones along strike of previously outlined linear soil anomalies that are attributed to the vein mineralization.

A total of 2798 soil samples were collected at 50 m intervals along lines spaced 100 m apart within the main grid. Sampling and Analytical Procedures for the soil samples are explained in Appendix IV and the Certificates of Analyses are provided in Appendix V. The 2011 soil sample locations are shown on Figure 34.

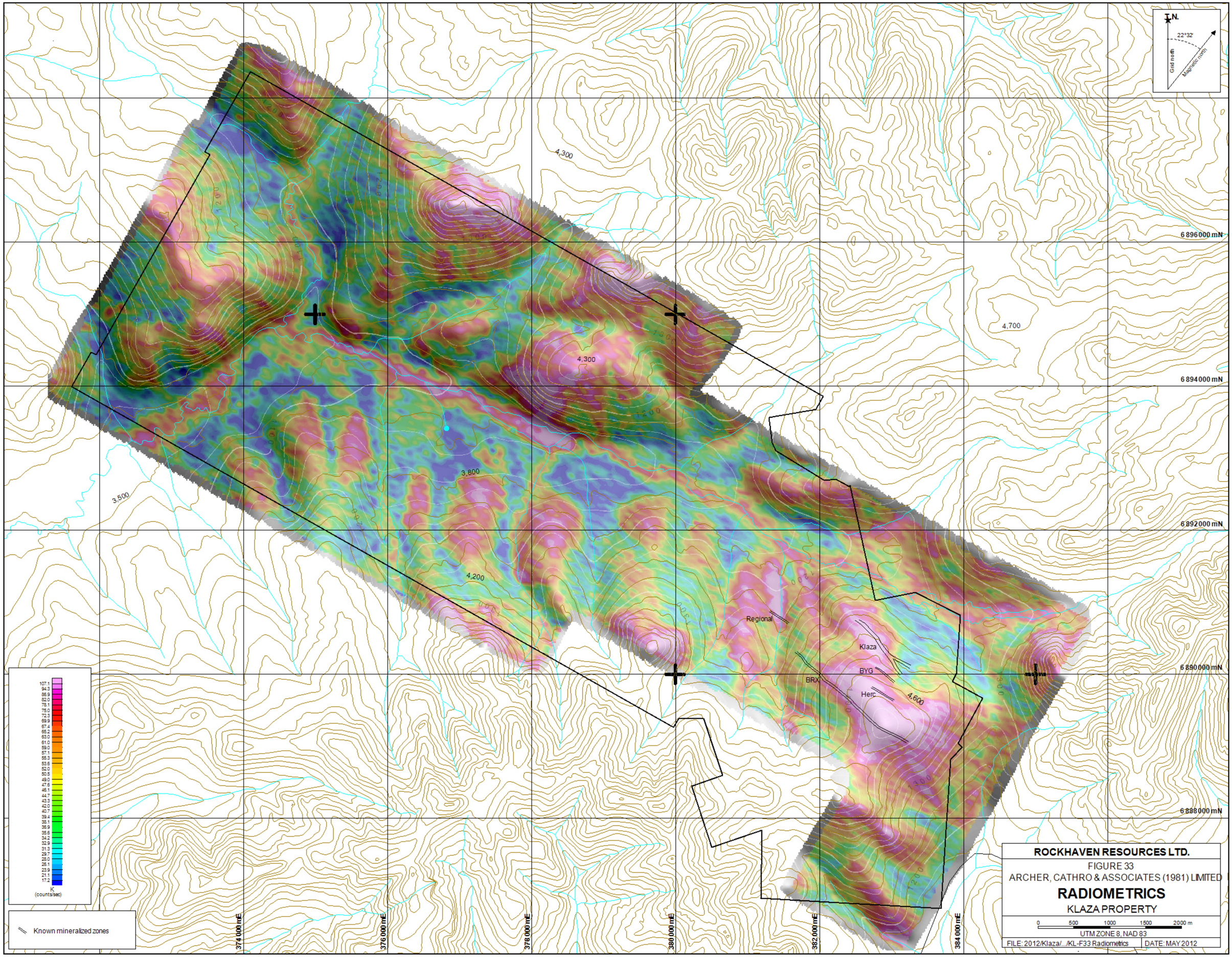
Results of the 2011 soil geochemical survey are summarized as thematic maps for gold, silver, lead and arsenic on Figures 35, 36, 37 and 38, respectively. The results from the 2011 geochemical survey correlate well with those from previous geochemical and geophysical programs. The following table lists the threshold values used to evaluate soil from the property.

TABLE IX: THRESHOLDS FOR SOIL VALUES

	Anomalous Thresholds			
Element	**Weak**	**Moderate**	**Strong**	**2011 Peak Value**
Gold	≥ 5 < 10 ppb	≥ 10 < 20 ppb	≥ 20 ppb	320 ppb
Silver	≥ 0.5 < 1 ppm	≥ 1 < 2 ppm	≥ 2 ppm	61.3 ppm
Lead	≥ 10 < 20 ppm	≥ 20 < 50 ppm	≥ 50ppm	606 ppm
Arsenic	≥ 10 < 20 ppm	≥ 20 < 50 ppm	≥ 50 ppm	213 ppm

Compiled soil geochemical data outlines a number of anomalies across the property. Some are near known showings but others are unexplained. Targets that are considered to be particularly prospective for new discoveries are briefly described below.

Anomaly A is located west of the Klaza zone and corresponds with the northern margin of a magnetic low and active placer mine. The anomaly is defined by auger soil samples that returned strong silver, lead and arsenic values and between 5 and 29 ppb gold, over a 550 by 400 m area. Two diamond drill holes (DDH-11-49 and DDH-11-54) tested 100 m south of this anomaly. Both holes intersected strongly phyllic altered granodiorite with long intervals of brecciation. The best intercept grade 0.55 g/t gold and 144 g/t silver over 0.95 m.


N.
22°32'
Grid north
Magnetic north
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
4,300
4,700
3,800
3,500
4,200
4,600
Regional
Klaza
BYG
BRX
Herc
107.1
94.3
86.9
82.0
78.1
75.0
72.3
69.9
67.4
65.2
63.0
61.0
59.0
57.1
55.3
53.6
52.0
50.5
49.0
47.6
46.1
44.7
43.3
42.0
40.7
39.4
38.1
36.9
35.6
34.5
32.9
31.3
29.7
28.0
26.1
23.9
21.1
17.2
K
(counts/sec)
Known mineralized zones
374 000 mE
376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
ROCKHAVEN RESOURCES LTD.
FIGURE 33
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
RADIOMETRICS
KLAZA PROPERTY
0 500 1000 1500 2000 m
UTM ZONE 8, NAD 83
FILE: 2012/Klaza/.../KL-F33 Radiometrics
DATE: MAY 2012

T.N.

22°32'

Grid north

Magnetic north

6 894 000 mN

6 892 000 mN

376 000 mE

378 000 mE

380 000 mE

Property Boundary

KLAZA PROPERTY

Map

N

• 2011 Soil Sample Locations

ROCKHAVEN RESOURCES LTD.

FIGURE 34

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2011 SOIL SAMPLE LOCATIONS

KLAZA PROPERTY

0 10 20 30 40 50 m

NAD83 UTM ZONE 8N, 1:50000

FILE: ...2012\Klaza\...\Figures\2011 Soil Sample Locations\DATE: MAY 2012

T.N.

22°32'

Grid north

Magnetic north

6 896000 mN

6 894000 mN

6 892000 mN

6 890000 mN

6 888000 mN

6 886000 mN

378 000 mE

380 000 mE

382 000 mE

384 000 mE

Property Boundary

A

B

C

D

See Inset

Inset

Klaza

BYG

BRX

HERC

2010-11 Rockhaven Gold Geochemistry (ppb)

- ≥50 ≤ 856
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1996 BYG Gold Geochemistry (ppb)

- ≥50 ≤ 1875
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1986 Freegold Gold Geochemistry (ppb)

- ≥50 ≤ 6582
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1986 Kerr Gold Geochemistry (ppb)

- ≥50 ≤ 400
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1988 Chesbar Gold Silt Samples (ppb)

- ≥50 ≤ 1,050
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

A — Anomaly referred in text

Mineralized structural trend

ROCKHAVEN RESOURCES LTD.

FIGURE 35

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2011-2010, 1996 & 1986

KLAZA PROPERTY

0 200 400 600 800 1000 m

NAD83 UTM ZONE 8N, 1:10000

FILE: ...2012\Klaza\...Figures\FIG-F35 Gold Geochemistry DATE: MAY 2012

T.N.

22°32'

Grid north

Magnetic north

6 896000 mN

6 894000 mN

6 892000 mN

6 890000 mN

6 888000 mN

6 886000 mN

378 000 mE

380 000 mE

382 000 mE

384 000 mE

Property Boundary

A

B

C

D

See Inset

Inset

Klaza

BYG

BRX

HERC

2010-11 Rockhaven Silver Geochemistry (ppm)

- ≥2 ≤ 61.3
- ≥1 < 2
- ≥0.5 < 1
- ≥0.2 < 0.5
- ≥0.1 < 0.2
- ≥0 < 0.1

1986 Freegold Silver Geochemistry (ppm)

- ≥2 ≤ 28.6
- ≥1 < 2
- ≥0.5 < 1
- ≥0.2 < 0.5
- ≥0.1 < 0.2
- ≥0 < 0.1

1986 Kerr Silver Geochemistry (ppm)

- ≥2 ≤ 27
- ≥1 < 2
- ≥0.5 < 1
- ≥0.2 < 0.5
- ≥0.1 < 0.2
- ≥0 < 0.1

1988 Chesbar Silver Silt Samples (ppm)

- ≥2 ≤ 2.9
- ≥1 < 2
- ≥0.5 < 1
- ≥0.2 < 0.5
- ≥0.1 < 0.2
- ≥0 < 0.1

Mineralized structural trend

A Anomaly

ROCKHAVEN RESOURCES LTD.

FIGURE 36

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SILVER GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2011-2010 & 1986

KLAZA PROPERTY

0 200 400 600 800 1000 m

NAD83 UTM ZONE 8N, 1:5000/20

FILE: ...2012\Klaza\...\Figures\KL-F36 Silver Geochemistry DATE: MAY 2012

T.N.

22°32'

Grid north

Magnetic north

6 896000 mN

6 894000 mN

6 892000 mN

6 890000 mN

6 888000 mN

6 886000 mN

370000 mE

380000 mE

382000 mE

384000 mE

Property Boundary

A

B

C

D

See Inset

Inset

Klaza

BYG

BRX

HERC

2010-2011 Rockhaven Lead Geochemistry (ppm)

- ≥100 < 606
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1996 BYG Lead Geochemistry (ppm)

- ≥100 < 291
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1986 Freegold Lead Geochemistry (ppm)

- ≥100 < 2,640
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1988 Chesbar Lead Silt Samples (ppm)

- ≥100 ≤ 188
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

A — Anomaly

Mineralized structural trend

ROCKHAVEN RESOURCES LTD.

FIGURE 37

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2011-2010, 1996 & 1986

KLAZA PROPERTY

0 200 400 600 800 1000 m

NAD83 UTM ZONE 8N, 1992020

FILE: ...2012\Klaza\...\Figures\KL-F37 Lead Geochemistry DATE: MAY 2012

T.N.
22°32'
Grid north
Magnetic north

6 896000 mN
6 894000 mN
6 892000 mN
6 890000 mN
6 888000 mN
6 886000 mN
378000 mE
380000 mE
382000 mE
384000 mE

Property Boundary

A
B
C
D

See Inset

Inset

Klaza
BYG
BRX
HERC

2010-2011 Rockhaven Arsenic Geochemistry (p
≥100 ≤ 349
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5

1986 Freegold Arsenic Geochemistry (ppm)
≥100 ≤ 1,455
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5

1986 Kerr Arsenic Geochemistry (ppm)
≥100 ≤ 1,700
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5

1988 Chesbar Arsenic Silt Samples (ppm)
≥100 ≤ 180
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5

A Anomaly

Mineralized structural trend

ROCKHAVEN RESOURCES LTD.

FIGURE 38

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2011-2010, & 1986

KLAZA PROPERTY

0 200 400 600 800 1000 m

NAD83 UTM ZONE 8N, 1:5000

FILE ...2012\Klaza...\Figures\KJ-F38 Arsenic Geochemistry

DATE: MAY 2012

Anomaly B lies along the inferred western extension of the BRX zone and is parallel to Anomaly A. Samples taken in this area returned strong silver, gold and arsenic values as well as moderate lead values. Permafrost hampered the collection of good soil samples at several sites, so the target could be larger than indicated. The anomalous values correspond to a series of weak magnetic lows. Four percussion drill holes that tested the western edge of Anomaly B failed to return significant gold or silver values. However, the anomaly is at the base of a steep slope and could represent downhill dispersion from an untested linear magnetic low located uphill.

Anomaly C is in the northwesterly corner of the main soil grid. The anomaly comprises of between 10 and 202 ppb gold values that are scattered throughout a 400 by 300 m area. The elevated gold results are accompanied by strong arsenic values and weak silver and lead values. This anomaly is about 800 m east of a large, relatively intense historical soil anomaly. Anomaly C is situated in the valley bottom where deep overburden may have compromised the quality of some soil samples. This target has not been drilled or trenched.

Anomaly D lies between Anomalies A and C and consist of a 1.5 km long, linear cluster of strong gold, silver, lead and arsenic values. The anomaly is orientated parallel to the four main zones on the property and is directly along strike from the Klaza zone. It is situated in a difficult to sample area on the floor of the Klaza river valley. This target has not been tested by trenching or drilling.

Surface prospecting was done concurrently with soil sampling; however, it was ineffective because of vegetation and overburden cover

AIR PHOTO SURVEY

A high resolution, air photo survey was conducted by Underhill Geomatics Ltd. of Whitehorse, Yukon on August 31, 2011. A total of 76.19 line km were flown on a grid that covered the Klaza 1 to 316 claims. The survey was flown with an Aero Commander 690A fixed wing airplane operated by Geographic Air Survey Ltd. of Edmonton, Alberta from a temporary base at Whitehorse. The survey equipment used was a Wild RC 30 camera equipped with a 15/4 UAG A-S13238 lens and Agfa Colour X 100 film. A total of 88 pictures were taken across five lines spaced 800 m apart at an average scale of 1:10,000. Subsequently, Underhill used the airphotos to prepare a detailed topographic map for the eastern half of the property.

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

The authors implemented all QA/QC protocols for the 2011 Klaza Project, under supervision of H. Smith, P. Geo. Rules, which all employees that worked in or around the drills, core/sawing facility and trenches were required to follow, include: 1) maintaining a clean and uncontaminated work environment; 2) preparing blank samples in a dry, secure and separate location from the sample processing facility; 3) implementing a blank and standard insertion schedule in the sampling; 4) proper packaging and labelling of outgoing samples; and, 5) documented chain of custody from the worksite to the analytical laboratory.

Digital analytical results were cross referenced for silver, gold, lead and zinc with certified hardcopy results from ALS Minerals. Analyses for blanks were then assessed for internal QC using a five times standard deviation multiple for acceptable tolerance, which for the blanks used was the lowest detection limit for the analytical instruments used at ALS Minerals. Values exceeding tolerance levels were further scrutinized for possible influence by strongly mineralized samples that may have preceded the blank samples.

Internal standards analyses were assessed in a similar manner. Tolerances for failure were calculated for each of the four Certified Standards. Precision tolerances were calculated using three standard deviations on either side of the mean, while bias tolerances were calculated using two standard deviations for two consecutive samples on the same side of the mean. Additional assessment was conducted by examining the sample series immediately preceding a failed sample for carry-over effects. Acceptable tolerance carry-over contamination is 1% of the preceding sample. All batches that had failures of standards and/or blanks were determined to pass once this tolerance was applied to data.

Four different Certified Standards were used during the drilling and trenching program. The PL-2 standard was randomly inserted into batches that were expected to return higher grade values for gold and silver. Batches that appeared to contain mainly average to lower grade samples had the CDN-ME-16 standard randomly inserted. After all the results from the program were received, the samples that were within the significantly mineralized intervals were reanalysed for lead and zinc using certified standards CDN-FCM-6 and CDN-ME-19.

The PL-2 standard material was prepared, homogenized and packaged by WCM Minerals of Burnaby, BC while the CDN standards were prepared, homogenized and packaged by CDN Resource Laboratories Ltd. of Delta, B.C. All standards were certified by Smee & Associates Consulting Ltd. of North Vancouver, BC. The certified mean and three standard deviations for the various standards are shown on following tables.

TABLE X: CDN-ME-16 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	30.8 g/t	2.2 g/t
Gold	1.48 g/t	0.14 g/t
Lead	0.879	0.04%
Zinc	0.807	0.04%

TABLE XI: PL-02 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	441 g/t	19.5 g/t
Gold	3.27 g/t	0.39 g/t
Lead	3.13%	0.41%
Zinc	3.52%	0.41%

TABLE XII: CDN-FCM-6 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	156.8 g/t	7.9 g/t
Gold	2.15 g/t	0.16 g/t
Lead	1.52%	0.06%
Zinc	9.27%	0.44%

TABLE XII: CDN-ME-19 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	103 g/t	7 g/t
Gold	0.62 g/t	0.062 g/t
Lead	0.98%	0.06%
Zinc	0.75%	0.04%

QC procedures for core samples involved the insertion of two blanks, two standards and one duplicate sample in every batch. Procedures for trench and percussion samples consisted of one blank and one standard in every batch. Results for the standard and blank samples from drilling and trenching are shown in Appendix X.

The final results for both the 2011 drilling and trenching presented are from batches that passed the QC testing.

DISCUSSION AND CONCLUSIONS

The Klaza property is situated in an active placer gold mining camp and historical hard rock gold and silver mining district, which lie within the southern, road accessible portion of the Dawson Range Gold Belt. Other important areas within this belt include the prolific Klondike Goldfields, the Casino porphyry copper-gold-molybdenum deposit and the recently discovered Coffee and Whitegold gold prospects.

Systematic excavator trenching and diamond drilling have only been done in approximately 5% of the 66 km^2 Klaza property. Four laterally contiguous zones have been defined within a 1500 m wide, northwesterly trending structural corridor. The individual zones have been traced by excavator trenching and drill holes over strike lengths of 500 to 2000 m. All zones are open to extension at depth and along strike.

The Klaza zone has responded very favourably to trenching and drilling. It has been traced on surface by excavator trenching for 1100 m and has been successfully tested by diamond drilling over 850 m along strike and up to 250 m downdip. Mineralization at the Klaza zone is open to extension along strike in both directions and downdip. Highlights from drilling at the Klaza zone include 7.20 g/t gold and 260 g/t silver over 15.30 m, 5.03 g/t gold and 14 g/t silver over 12.51 m and 6.09 g/t gold and 101 g/t silver over 6.78 m. Wide zones of mineralization observed at the Klaza zone may be in part due to enhanced structural framework caused by a relatively high concentration of riddle shears, which are observed in trench exposures. More trenching and drilling are needed to fully define the role structure played in localizing mineralization.

The BRX zone has been traced by excavator trenching and diamond drilling for an aggregate strike length of 2000 m. Historical drilling focussed on the eastern part of the zone, where widely spaced holes were drilled below the best trench showings with reasonable success. Some of the historical drilling was hampered by poor core recovery within the ore zones. In 2011, nine drill holes successfully tested the western projection of the BRX zone as outlined by magnetic lows, with eight of the nine holes intersecting significant mineralization. The best result was returned from an interval in KL-11-37, which averaged 5.43 g/t gold and 50 g/t silver over 14.80 m. Hole Kl-11-39, which stepped out a further 200 m to the west, returned 23.50 g/t gold and 239 g/t silver across 1.65 m. The BRX zone is also open for extension along strike in both directions and downdip.

The BYG zone has been traced by three excavator trenches for 500 m and was tested in 2011 by twelve diamond drill holes. The best intercepts were 4.57 g/t gold and 51.6 g/t silver across 3.97 m and 6.29 g/t gold and 342 g/t silver across 1.43 m. The BYG zone has only been drilled along strike for 330 m and remains open for expansion.

The HERC zone was discovered by excavator trenching in 2010. The best result from 2011 work was from an exposure in TR-10-12 which returned 3.06 g/t gold and 48.5 g/t silver over 7.60 m. Trenching further west in the HERC zone failed to identify significant mineralization but strong alteration was exposed along the inferred trend. Only two drill holes tested the HERC zone, the better of which (KL-11-48) cut 1.63 g/t gold and 13 g/t silver over 1.00 m. More work is needed to fully evaluate this target.

In large hydrothermal systems related to porphyry centres, silver and lead are usually concentrated in the distal structural environments, while gold is generally more abundant closer to the core of the system. At the Klaza property, the silver-lead grades appear to increase in the western-most trenches and holes and decrease to the east, thus indicating the main heat source for the mineralizing fluids is probably located farther to the east. The Cyprus porphyry, centered two kilometers to the east of the property, is likely the main thermal driver for the hydrothermal system that deposited mineralization in the veins on the Klaza property.

The age and structural relationship between the veins, veinlets, and breccias is unknown, although they are spatially and probably genetically related to the porphyry dykes, which parallel and locally cross-cut the mineralized zones. Although the dykes are barren or only weakly mineralized, the heat, fluid circulation and structural preparation provided by them were probably essential for vein formation.

Multi element soil geochemical anomalies mark the known mineralized zones and similar, mostly untested anomalies have been identified along strike and parallel to the zones. Hydrothermal fluids that flowed within and around the mineralized structures appear to have locally destroyed magnetite in the host rocks. Magnetic susceptibility measurements taken from the 2011 core confirmed that the mineralized zones are considerably less magnetic than the surrounding, unaltered granodiorite and this demagnification is further indicated by helicopter-borne surveys that outlined magnetic lows along the known zones. Numerous linear magnetic lows, which parallel the orientation of the known structural zones in other parts of the property, are considered priority exploration targets.

The next phase of exploration should consist of 20,000 m of diamond drilling in about 80 holes with continued excavator trenching on magnetic lows, especially where there are coincident soil geochemical anomalies. Emphasis should be placed on continued definition of downdip and along strike extensions of the Klaza and BRX zones.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Jared Tarswell, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2009 with a B.Sc. majoring in Earth and Environmental Sciences.

2. From 2010 to present, I have been actively engaged as a geologist in mineral exploration in Yukon Territory

3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Jared Tarswell, B.Sc.

STATEMENT OF QUALIFICATIONS

I, Matthew Turner, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2002 with a B.Sc. majoring in Earth and Ocean Sciences.

2. From 2002 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia, Yukon Territory and Northwest Territories

3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Matthew Turner, B.Sc.

APPENDIX II

PETROGRAPHIC REPORT

Report 120320 for
Matt Turner,
Rock Haven Resources,
1016 – 510 West Hastings Street,
Vancouver, BC, V6B 1L8 **April, 2012**

Samples: KL-10-03-A Klaza, KL-10-03-B Klaza, KL-11-52 Klaza, KL-11-29 BRX

Summary:

Sample KL-10-03-A Klaza is of a vein that is dominated by coarse grained galena, with lesser patches of sphalerite (in part with exsolution blebs of chalcopyrite), arsenopyrite, pyrite (commonly intergrown intimately with galena), chalcopyrite (commonly with inclusions of pyrite), and marcasite (probably secondary after pyrrhotite; associated with pyrite galena, and ankerite. Gangue minerals include quartz (mainly at one end of the section), lesser ankerite (interstitial to sulphides), and minor sericite.

Sample KL-10-03 B Klaza is of a zoned vein with zones as shown in the scanned section. Zone A is a breccia dominated by fragments of sphalerite in a groundmass of extremely fine grained quartz and calcite. Zone B is of arsenopyrite-pyrite with minor sphalerite and trace native gold-electrum; it is cut by a veinlet of quartz-(ankerite). Zone C is dominated by quartz with abundant disseminated subhedral to euhedral grains of arsenopyrite and minor sphalerite. Zone D is dominated by anhedral pyrite grains enclosed in a much finer grained groundmass of pyrite with minor quartz and sphalerite. Zone E is gradational into Zone D and contains fragments of pyrite enclosed in a groundmass of quartz. A veinlet is dominated by barite with much less abundant ankerite and quartz.

Sample KL-11-29 BRX is of a massive sulphide vein? dominated by pyrite with much less abundant quartz and arsenopyrite, minor ankerite and galena, and trace sericite and chalcopyrite. It was fractured coarsely and fractures were filled by veinlets dominated by quartz with much less abundant ankerite. A few veinlets are dominated by ankerite; bordering some of these pyrite and arsenopyrite were fractured strongly. Some other ankerite-rich veinlets contain abundant angular inclusions of pyrite and lesser arsenopyrite.

Sample KL-11-52 Klaza is of breccia. It contains numerous fragments of veins dominated by one or more of quartz, ankerite, and barite, with minor to abundant sulphides. It also contains a few fragments of granodiorite/quartz diorite (altered to quartz-sericite). The breccia matrix is dominated by extremely fine grained plagioclase (altered slightly to sericite and possibly minor kaolinite) and generally lesser quartz, some of which may actually be strongly granulated fragments. A few large fragments are dominated by ankerite, and some also contain abundant amounts of one or more of barite, quartz, and sphalerite. Minor fragment types include plagioclase/sericite (altered latite), sericite aggregates, barite, pyrite, and sphalerite. A few fragments contain abundant sulphides, mainly pyrite and sphalerite with locally abundant galena.

Precious-metal minerals (native gold/electrum) were identified only in Sample KL-10-03 B Klaza, which is the highest-grade sample. The high silver content of Samples KL-10-03 A could be caused by silver in the structure of galena. No tetrahedrite/tennantite was identified; however, some of the smaller grains identified as galena might be of a Pb-sulphosalt.

Photographic Notes:

The scanned sections show the gross textural features of the sections; these features are seen much better on the digital image than on the printed image. For the photographs, sample numbers are shown in the upper left corner, photo numbers are shown in the lower left corner, and the letter in the lower right corner indicates the lighting conditions: P = plane light, X = plane light in crossed nicols; R = reflected light, RP = reflected light and plane incident light; ~RX = reflected light in moderately crossed nicols and incident light in crossed nicols. Locations of photographs are shown on the scanned sections. Descriptions of the photographs are at the end of the report.

John G. Payne, Ph.D., P.Geol.
Tel: (604)-597-1080
email: jppayne@telus.net

Sample KL-10-03-A Klaza Vein: Galena-Sphalerite-Arsenopyrite-Pyrite-Chalcopyrite-Quartz-Ankerite

The vein is dominated by coarse grained galena, with lesser patches of sphalerite (in part with exsolution blebs of chalcopyrite), arsenopyrite, pyrite (commonly intergrown intimately with galena), chalcopyrite (commonly with inclusions of pyrite), and marcasite (probably secondary after pyrrhotite; associated with pyrite galena, and ankerite. Gangue minerals include quartz (mainly at one end of the section), lesser ankerite (interstitial to sulphides), and minor sericite.

mineral	**percentage**	**main grain size range**
galena	70-75%	1-3 (a few up to 10 mm)
sphalerite	8-10	0.3-1.5 (a few up to 3 mm)
arsenopyrite	3- 4	0.2-1
pyrite	3- 4	0.05-0.3
chalcopyrite	2- 3	patches up to 1.5 mm
quartz	4- 5	0.2-0.8
ankerite	3- 4	0.03-0.07
sericite	0.1	0.002-0.005

Galena occurs mainly as coarse grained patches, along whose margins it commonly is intergrown much more finely with other sulphides and locally with ankerite.

Sphalerite forms patches up to a few mm across, some of which contain minor to moderately abundant exsolution blebs and bands of chalcopyrite. It ranges in colour from deep orange to medium reddish brown.

Arsenopyrite and pyrite commonly are concentrated near one end, in part as fine to medium grained aggregates and in part, especially pyrite, in intimate intergrowths with marcasite and galena.

Chalcopyrite is concentrated strongly in patches up to a few mm across in which it is intergrown finely with minor to abundant pyrite, sphalerite, and ankerite.

Marcasite occurs in a few patches as extremely fine grained aggregates intergrown with ankerite, pyrite, and galena.

Quartz occurs mainly near one end as anhedral grains.

Ankerite forms disseminated patches within sulphide aggregates.

Sericite forms minor patches up to 0.2 mm in size.

Sample KL-10-03 B Klaza Banded Vein: Quartz-Sphalerite-Arsenopyrite-Pyrite-Ankerite-Galena-Sericite-(Chalcopyrite-Electrum)

The sample is zoned as shown in the scanned section. Zone A is a breccia dominated by fragments of sphalerite in a groundmass of extremely fine grained quartz and calcite. Zone B is of arsenopyrite-pyrite with minor sphalerite and trace native gold-electrum; it is cut by a veinlet of quartz-(ankerite). Zone C is dominated by quartz with abundant disseminated subhedral to euhedral grains of arsenopyrite and minor sphalerite. Zone D is dominated by anhedral pyrite grains enclosed in a much finer grained groundmass of pyrite with minor quartz and sphalerite. Zone E is gradational into Zone D and contains fragments of pyrite enclosed in a groundmass of quartz. A veinlet in Zone B is dominated by barite with much less abundant ankerite and quartz.

mineral	**percentage**	**main grain size range**
quartz	30-35%	0.01-0.02; 0.1-0.5
sphalerite	17-20	0.05-1
arsenopyrite	12-15	0.05-0.3
pyrite	12-15	0.03-0.5
ankerite	4- 5	0.02-0.05
galena	2- 3	0.05-0.15
sericite	0.5	0.005-0.015
chalcopyrite	0.2	0.02-0.1
electrum	trace	0.02-0.1
veinlet		
1) barite-(ankerite-quartz)	1- 2	3-5 (ba), 0.03-0.1 (ak, qz)

Zone A contains abundant fragments dominated by sphalerite, some of which contain patches of less abundant arsenopyrite and/or pyrite, and a few of which were cut by early veinlets of ankerite. Fragments are contained in a groundmass of mainly extremely fine grained quartz, sericite, and ankerite, with scattered coarser grains of quartz (0.1-0.15 mm).

Zone B is dominated by a dense intergrowth of euhedral to subhedral arsenopyrite and anhedral to subhedral pyrite, with lesser patches of galena and of sphalerite (with minor exsolution blebs of chalcopyrite) and interstitial patches and veinlets of quartz and ankerite. A large veinlet up to 1.5 mm wide consists of a single grain of barite with much less abundant ankerite and quartz, mainly along the margins of the vein. A patch of native gold is 0.1 mm long by 0.03 mm wide. In a few patches, pyrite is dominant and arsenopyrite is minor. Locally sphalerite and quartz are very abundant and contain disseminated euhedral elongate grains of arsenopyrite. Chalcopyrite forms scattered patches up to 0.1 mm in size.

On the border of Zone B against Zone C is a discontinuous band averaging 0.5 mm wide dominated by sphalerite that contains abundant tiny inclusions of galena and of chalcopyrite.

Zone C is dominated by quartz with abundant disseminated grains and clusters of grains of euhedral to subhedral arsenopyrite. Some clusters also contain pyrite. Locally moderately abundant are sphalerite and galena intergrown coarsely with arsenopyrite and quartz. Adjacent to Zone D arsenopyrite is abundant, and the contact with Zone D is relatively sharp between arsenopyrite and pyrite.

Zone D is dominated by anhedral pyrite grains (0.2-0.7 mm) enclosed in much finer grained pyrite, with much less abundant patches of quartz and of sphalerite.

Zone E contains fragments of pyrite and minor sphalerite and galena enclosed in quartz with much less abundant patches of ankerite, mainly along the side of the section. It is gradational into Zone D in that the pyrite-rich fragment nearest Zone D has a texture similar to that of Zone D.

Sample KL-11-29 BRX **Massive Sulphide: Pyrite-Quartz-Arsenopyrite**
Veinlets: Quartz, Ankerite

The sample is a massive sulphide vein? dominated by pyrite with much less abundant quartz and arsenopyrite, minor ankerite and galena, and trace sericite and chalcopyrite. It was fractured coarsely and fractures were filled by veinlets dominated by quartz with much less abundant ankerite. A few veinlets are dominated by ankerite; bordering some of these pyrite and arsenopyrite were fractured strongly. Some other ankerite-rich veinlets contain abundant angular inclusions of pyrite and lesser arsenopyrite.

mineral	**percentage**	**main grain size range**
pyrite	60-65%	0.05-1.5
quartz	5- 7	0.03-0.1
arsenopyrite	4- 5	0.3-0.8
ankerite	4- 5	0.05-0.1
galena	0.3	0.03-0.05 (locally up to 0.15 mm)
sericite	trace	0.01-0.03
chalcopyrite	trace	0.02-0.05 (locally up to 0.1 mm)
veinlets		
1) quartz-(ankerite-sericite)	15-17	0.05-0.3 (qz), 0.03-0.1 (ak), 0.01-0.03 (se)
2) ankerite-rich	3- 4	0.05-0.1

Pyrite forms massive patches that contain minor inclusions of galena and of chalcopyrite. A few grains contain several blebby inclusions of galena (0.02-0.03 mm).

Arsenopyrite forms scattered anhedral to subhedral grains intergrown coarsely with pyrite or as fragments in quartz.

The rock was brecciated coarsely and cut by several veinlets dominated by quartz with minor to moderately abundant ankerite. Most larger veins are dominated by quartz, and several smaller ones are dominated by ankerite with only minor quartz. Sericite forms scattered patches up to 0.2 mm in size of unoriented flakes enclosed in quartz. A few ankerite-rich veins are up to 1.5 mm wide.

One quartz-rich veinlet 0.4 mm wide contains a concentration of pyrite grains along its centreline and scattered grains of ankerite, mainly near its margins.

A few veinlets up to 0.03 mm wide are of extremely fine grained quartz with scattered coarser grains of ankerite.

A few more strongly brecciated zones/veinlets, mainly from 0.3-0.5 mm wide, have a matrix dominated by ankerite.

Sample KL-11-52 Klaza **Breccia: Fragments: Quartz-Sericite; Ankerite-Sphalerite**
Matrix: Plagioclase-Sericite-Quartz

The sample contains a few fragments of granodiorite/quartz diorite (altered to quartz-sericite) and numerous fragments of veins dominated by one or more of quartz, ankerite, and barite, with minor to abundant sulphides. The breccia matrix is dominated by extremely fine grained plagioclase (altered slightly to sericite and possibly minor kaolinite) and lesser quartz, some of which maybe strongly granulated fragments. Moderately abundant fragments are of ankerite, some of these also contain one or more of sphalerite, barite, and quartz. Minor fragment types include plagioclase/sericite, sericite-rich, barite, pyrite, and sphalerite.

mineral	**percentage**	**main grain size range**
fragments		
quartz-(sericite-pyrite)	30-35%	0.5-1.5 (qz), 0.02-0.04 (se), 0.1-0.5 (py)
ankerite	12-15	0.05-0.15 (a few 0.01-0.02 mm)
sericite-rich	1- 2	0.02-0.05
barite	3- 4	0.5-1.0 (locally up to 2 mm)
pyrite	3- 4	0.05-0.5
sphalerite	2- 3	0.1-0.3
plagioclase/sericite	0.3	0.005-0.02
galena	0.2	0.05-0.4
matrix		
plagioclase	30-35	0.01-0.03 (a few up to 0.05 mm)
quartz	7- 8	0.02-0.05
sericite	3- 4	0.01-0.02

In a few fragments, patches of quartz are intergrown coarsely with patches of quartz-sericite; textures suggest that the latter intergrowths are secondary after subhedral plagioclase grains, and the parent rock probably was granodiorite or quartz diorite. One such fragment is cut by a veinlet of ankerite 0.1-0.2 mm wide.

Numerous fragments ranging from 0.5-5 mm in size are of quartz with minor to moderately abundant ankerite and pyrite, and some contain minor sericite. One quartz-rich fragment had been deformed and recrystallized moderately to much finer grained aggregate along an irregular fracture zone before brecciation.

Ankerite is dominant in several fragments up to 1.5 mm in size and one fragment 1 cm across. Many of these contain angular grains of pyrite and some also contains moderately abundant sphalerite. One ankerite-rich fragment is cut by a veinlet 0.02 mm wide of cherty quartz.

Barite occurs in several fragments, either alone or with ankerite and/or quartz. One large fragment contains a zone of ankerite-sphalerite and a zone of coarse barite grains enclosed in a matrix of extremely fine grained quartz and lesser ankerite.

A few fragments up to 1 mm in size are of extremely fine grained, cherty quartz.

A few fragments up to 0.5 mm across are of extremely fine grained mudstone(?); some contain up to 10% angular grains of pyrite and one contains 5% anhedral equant grains of sphalerite with minor exsolution blebs of chalcopyrite.

Pyrite forms angular fragments, mainly of single grains, ranging widely in size from 0.05-0.1 mm.

(continued on page 2)

Sphalerite forms a few angular fragments up to 0.5 mm in size and also is common in some ankerite-rich fragments. Sphalerite ranges in colour from pale to deep orange-brown or reddish-brown, and some grains are colour-zoned strongly. In places sphalerite is semi-opaque from exsolution blebs of chalcopyrite and extremely fine inclusions of pyrite. A few sphalerite-rich fragments contain one or two patches of galena up to 0.1 mm in size.

One fragment 1.2 mm across is of extremely fine grained plagioclase altered slightly to sericite

A few fragments are dominated by sulphide aggregates consisting mainly of pyrite and sphalerite with locally abundant galena.

The breccia matrix is dominated by equant plagioclase (altered slightly to locally moderately to sericite) and lesser, commonly coarser grained quartz, some of which may represent strongly granulated fragments. Ankerite forms scattered patches, for some of which the origin is uncertain whether it be fragments or party of the breccia matrix.

List of Photographs

Photo	Section	Description
01	KL-10-03 A	patchy intergrowth of galena (with minor chalcopyrite along some margins), sphalerite (with abundant exsolution blebs of chalcopyrite and scattered lenses and veinlets of ankerite), and chalcopyrite (with abundant inclusions of pyrite and ankerite and minor ones of sphalerite).
02	KL-10-03 A	anhedral arsenopyrite surrounding a patch that contains euhedral pyrite grains contained in an extremely fine grained intergrowth of marcasite and ankerite with less abundant patches of galena.
03	KL-10-03 B	Zone A: large fragment of sphalerite with a vein of ankerite; smaller fragment of sphalerite with minor inclusion of galena; much smaller fragments of sphalerite and minor pyrite; groundmass is extremely fine grained plagioclase (altered partly to sericite) and lesser quartz with scattered coarser grains of quartz and patches of ankerite.
04	KL-10-03 B	Zone A: large fragment of sphalerite (with locally minor exsolution blebs of chalcopyrite and minor to locally moderately abundant inclusions of pyrite), galena (with minor inclusions of pyrite) and pyrite (subhedral cubic grains with minor interstitial patches of galena; enclosed in groundmass of extremely fine grained plagioclase (altered slightly to moderately to sericite) and disseminated grains of quartz and minor fragments of pyrite.
05	KL-10-03 B	Zone A: grain of native gold/electrum with minor medium grey patch of uncertain composition (possibly galena) enclosed in an aggregate of subhedral pyrite and one grain of arsenopyrite.
06	KL-10-03 B	Zone B: intergrowth of subhedral to euhedral arsenopyrite and anhedral to subhedral pyrite with lesser galena and sphalerite and one grain of native gold; vein of barite-ankerite-(quartz); veinlet of quartz-ankerite.
07	KL-10-03 B	to the left: Zone C: quartz with disseminated euhedral to subhedral arsenopyrite and minor galena and sphalerite; in the middle: transition zone: sphalerite with abundant tiny inclusions of galena and of chalcopyrite and scattered subhedral to euhedral grains of arsenopyrite; to the right: Zone B: intergrowth of arsenopyrite and lesser pyrite with minor galena and sphalerite.
08	KL-10-03 B	to the left: Zone D: granular pyrite with interstitial patches of much finer grained pyrite with patches of sphalerite and quartz; to the right: Zone C: massive arsenopyrite with interstitial patches of quartz and one elongate lens of extremely fine grained pyrite/marcasite.
09	KL-10-03 B	Zone E: fragments of pyrite in a groundmass of quartz and much less abundant ankerite.

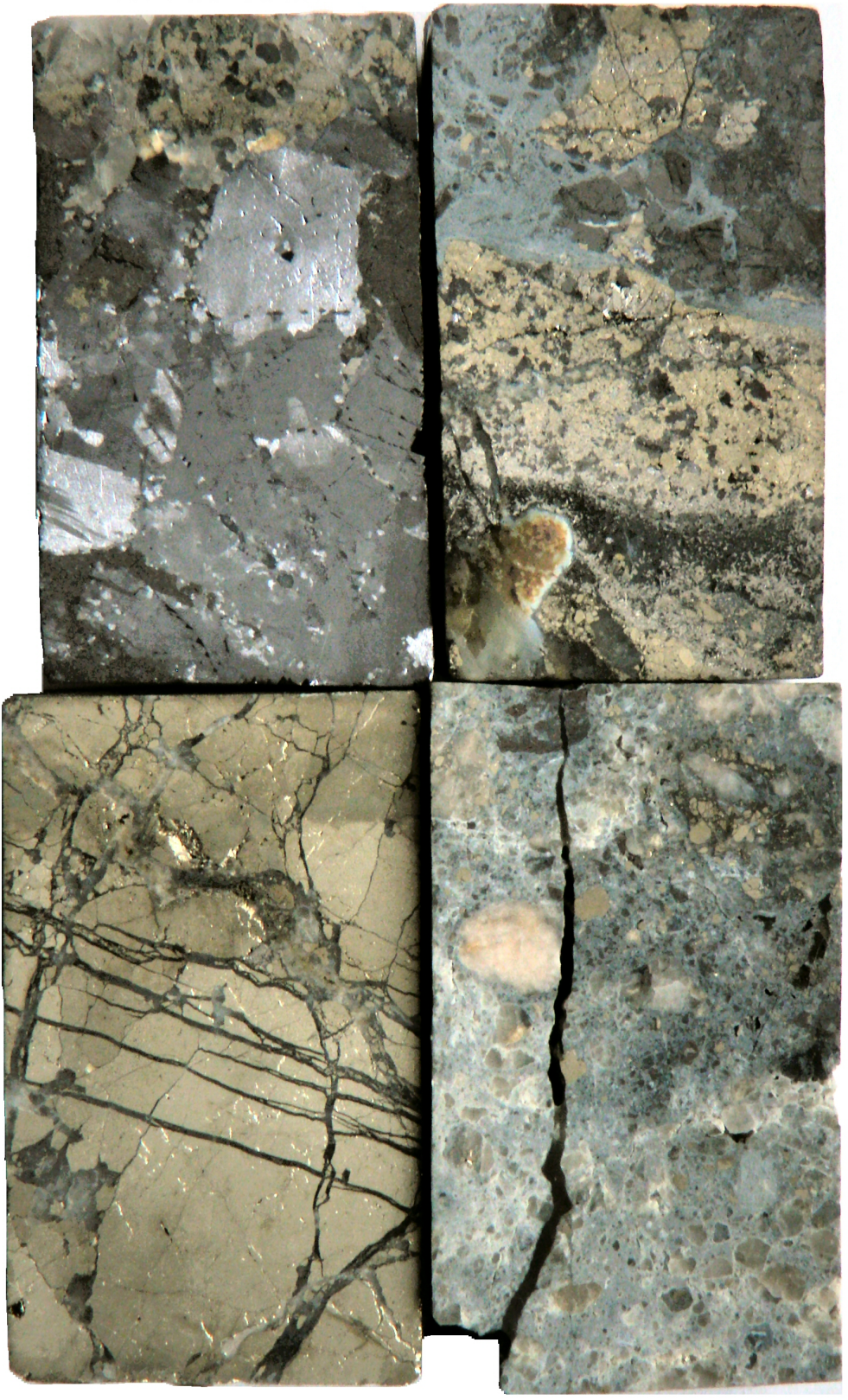
List of Photographs

Photo	Section	Description
10	KL-11-29 BRX	massive pyrite with one grain of arsenopyrite (outlined in dashed yellow line) both strongly brecciated by a veinlet with a matrix of ankerite; pyrite brecciated slightly where it is cut by a tension veinlet of quartz.
11	KL-11-29 BRX	on margins: veinlet of quartz with disseminated fragments of pyrite (locally with inclusions of galena); in the middle: veinlet of ankerite with inclusions of pyrite and of arsenopyrite with minor quartz and galena.
12	KL-11-52 Klaza	large granodiorite/quartz diorite fragment of subhedral plagioclase (altered completely to quartz-sericite) and interstitial quartz; at extreme left: edge of a similar fragment; at left: breccia matrix of extremely fine grained plagioclase (altered slightly to sericite) and lesser quartz with minor disseminated pyrite.
13	KL-11-52 Klaza	to the left: large fragment of ankerite with zoned sphalerite on its margin; to the right: breccia matrix of plagioclase/(sericite) with lesser quartz, with fragments of sphalerite, pyrite, and quartz-sphalerite.
14	KL-11-52 Klaza	top: large fragment (other half of fragment in Photo 13) with a zone of ankerite adjacent to a zone containing abundant ragged coarse barite grains and one quartz grains (with a patch of sericite at one end) in a groundmass of much finer grained quartz and lesser ankerite; bottom: breccia matrix consisting of extremely fine grained plagioclase and lesser quartz with disseminated fragments of ankerite, sphalerite, pyrite, and minor galena.
15	KL-11-52 Klaza	large fragment: ankerite-rich zone with concentrations of extremely fine grained to locally very fine grained pyrite; coarse barite grains rimmed in part by very fine grained ankerite and in part by extremely fine grained quartz.
16	KL-11-52 Klaza	cluster of sphalerite (containing abundant extremely fine grained inclusions of pyrite) and pyrite with minor galena at one end of a large fragment dominated by ankerite and lesser quartz; extremely fine grained groundmass of quartz and plagioclase with disseminated fragments of quartz, ankerite, pyrite, and sphalerite.
17	KL-11-52 Klaza	fragments of sulphides (sphalerite, pyrite, and galena, intergrown with quartz and ankerite, small fragments of quartz and one of barite in a groundmass of extremely fine grained plagioclase-quartz.

120320 rock haven blocks

KL-10-03 A

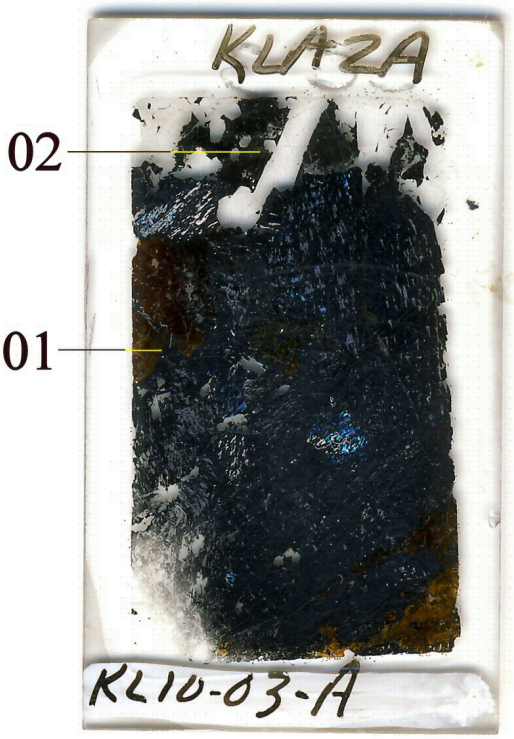
KL-10-03 B

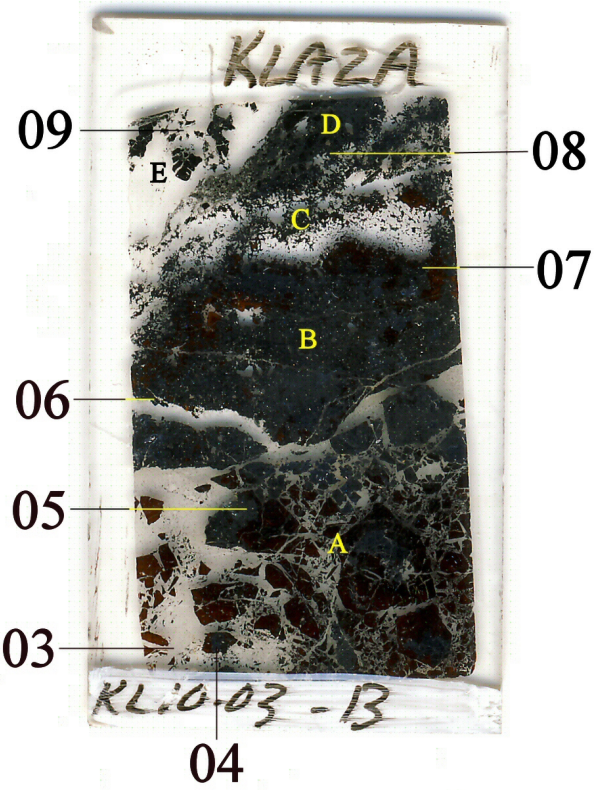


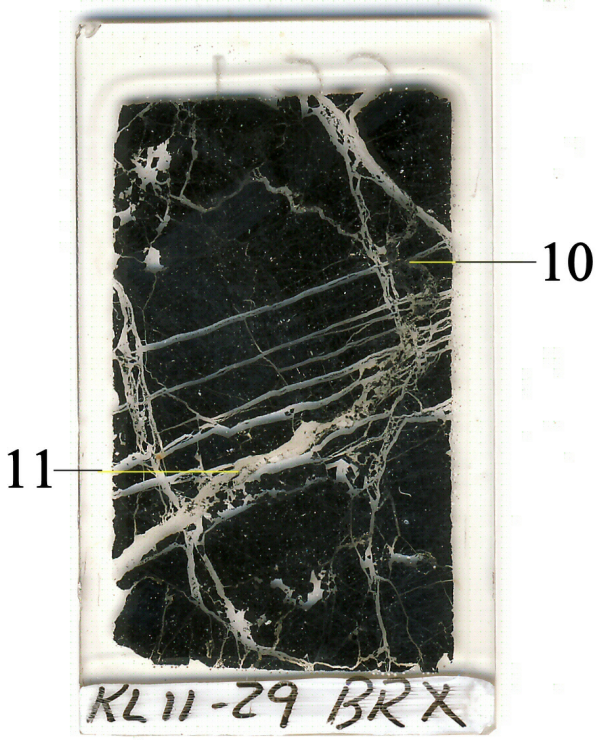
KL-11-29 BRX

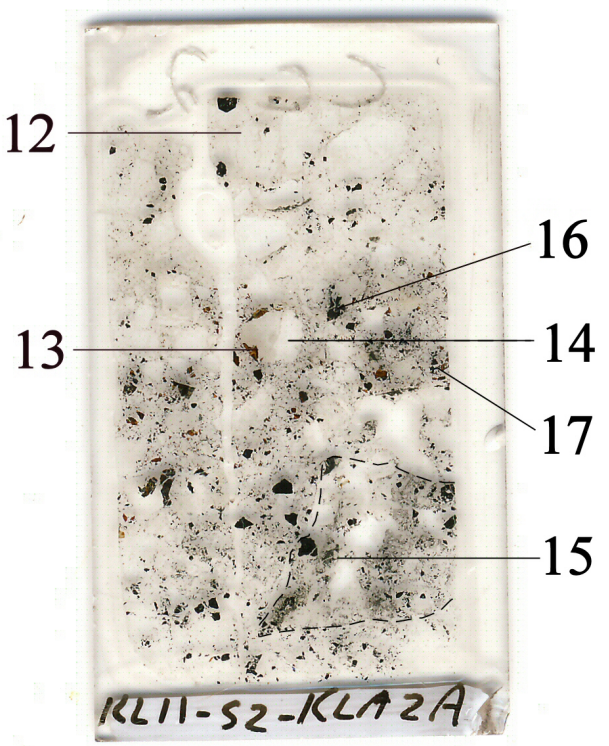
KL-11-52

120320 rock haven sections









KL-10-03 A Klaza

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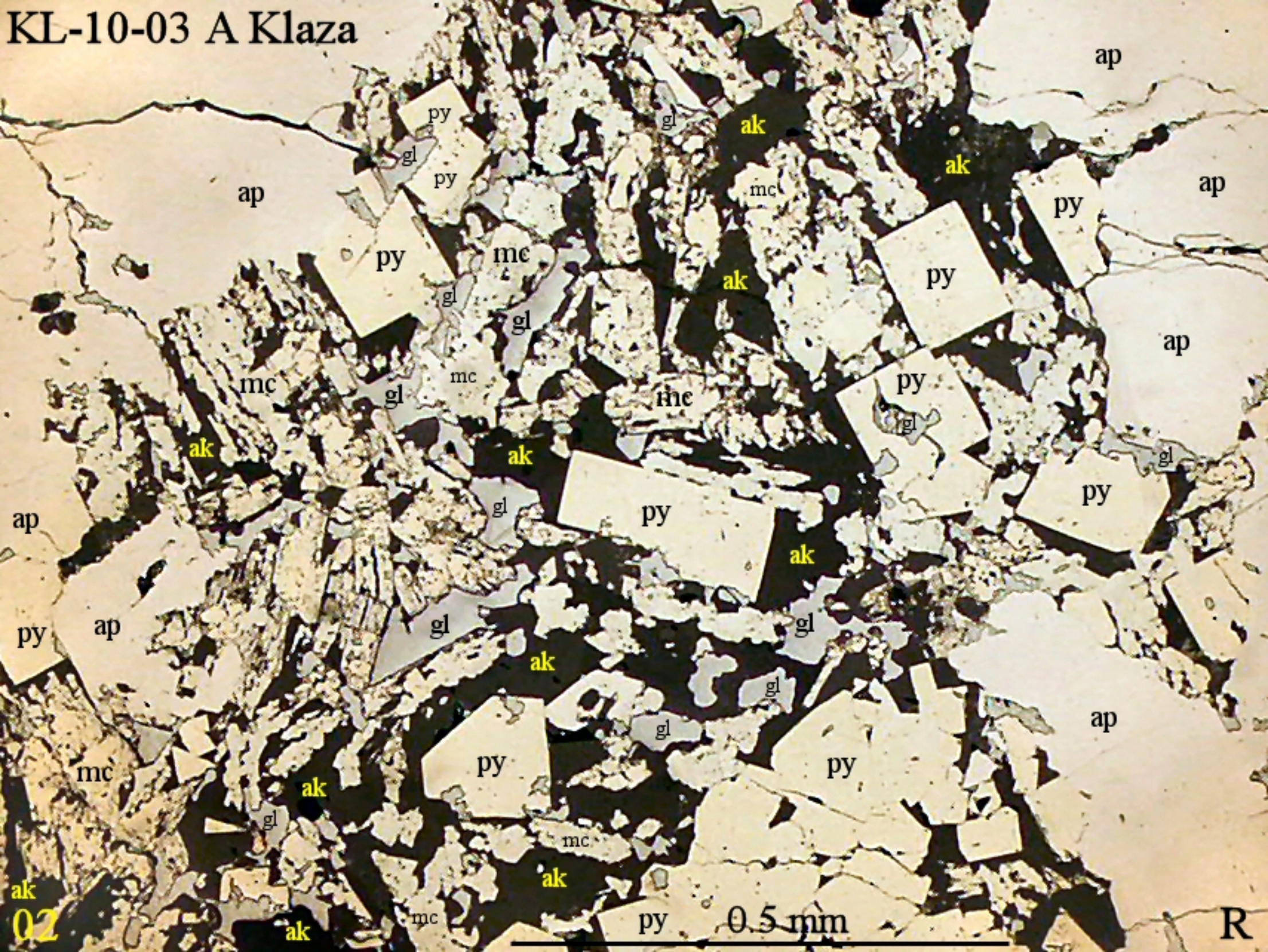
KL-10-03 A Klaza
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KL-10-03 B Klaza

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pl-se-qz-(ak)
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py
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KL-10-03 B

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KL-10-03 B

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RX

06

KL-10-03 B Klaza

Zone C

Zone B

qz

ap

sl

py

gl

sl-(gl-cp)

sl —

gl

py

0.5 mm

~RX

07

KL-10-03 B Klaza

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py
ap
sl
Zone D
Zone C
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KL-10-03 B Klaza

09

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KL-11-29 BRX

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ak
qz
ap
ak
py
py
py
py
qz
py
ak
py
qz
qz
py
py
1θ
0.5 mm
~RX

KL-11-29 BRX

qz
ak
ak
qz
py
ak
ak
qz
py
ak
ak
qz
py
ap
py
ak
py
qz
qz
py
ap
ap
ap
ak
qz
gl
qz
qz
py
qz
ak
ak
gl
ap
ak
qz
qz
11
0.5 mm
~RX

KL-11-52 Klaza

qz

pl/qz-se

qz

pl/(se)-qz

qz

py

pl/qz-se

pl/qz-se

qz-(se)

qz

py

pl/(se)-qz

1,0 mm

12

X

KL-11-52 Klaza

qz

sl-py

ak

ak

py

pl/(se)-(qz)

ak

sl

ak

ak

sl

sl

sl

qz

sl

py

sl

qz

pl/(se)-(qz)

ak

qz

sl

13

1.0 mm

sl

qz

P

KL-11-52 Klaza

ak
ak
ak
ak
qz-ak
ba
ba
ba
ba
ak
ba
ba
qz-(ak)
ba
ba
ba
ba
ba
ak
ba
ak
ba
se
se
pl-qz
qz
sl
pl-qz
py
qz
py
(gl)
py
ak
sl
sl
py
sl
qz
qz
pl-qz
sl
ak
pl-(qz)
qz
1.0 mm
14
X

KL-11-52 Klaza

ak-py

ak

ak-(py)

ak-py

ak

ak

ak

py

py

ba

ak

py

ba

qz

ak

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py

ba

qz

ba

qz

ba

py

ba

1.0 mm

ak

15

qz

~RX

KL-11-52 Klaza

sl
sl-(py)
sl-(py)
ak
sl
py
py
py
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py
qz
qz
qz-pl
ak
qz
py
sl
qz
gl
py
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qz
sl-(py)
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py
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qz-pl
py
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16
~RX

KL-11-52 Klaza

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py
pl-qz
sl
ak
pl-qz
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qz
py
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gl
gl
gl
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pl-qz
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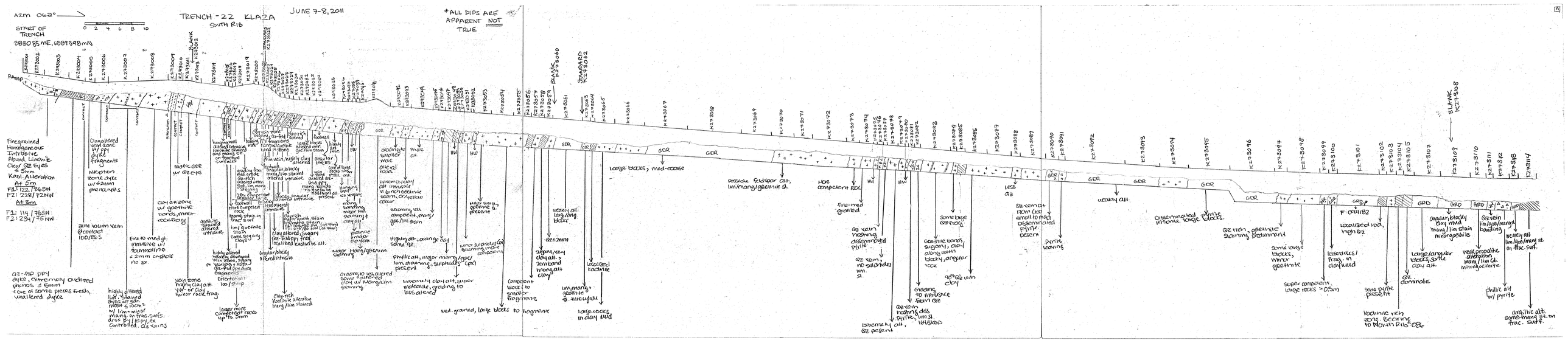
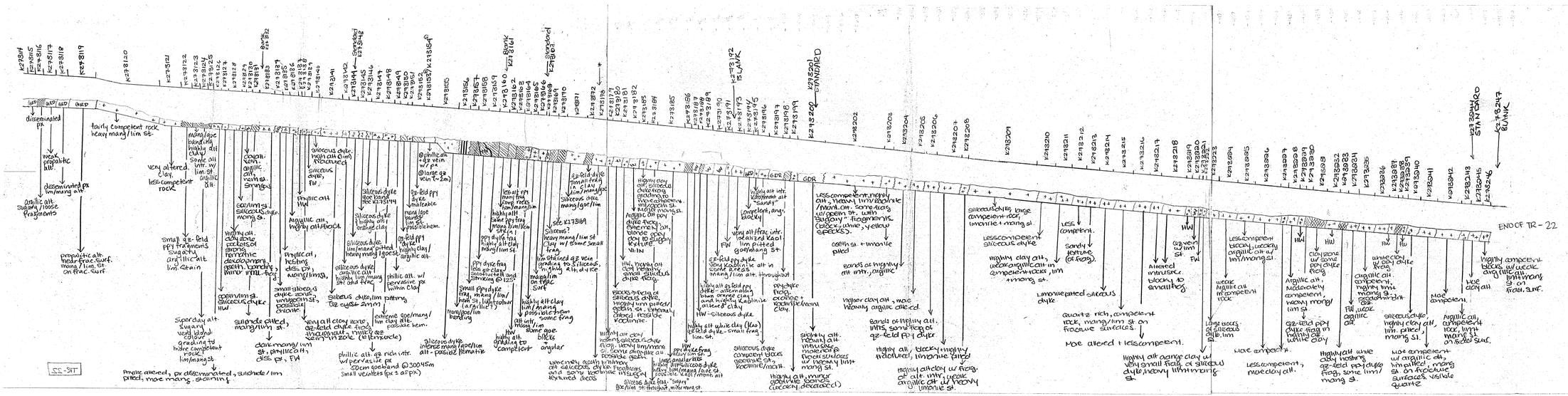
17
ba
0.5 mm
~RX

APPENDIX III

EXCAVATOR TRENCH MAPS


Azm 063°
TRENCH - 22 KLAZA
SOUTH RIB
JUNE 7-8, 2011
*ALL DIPS ARE APPARENT NOT TRUE
START OF TRENCH
383085 ME, 6889348 MN
Ramp
BLANK K23-3012
STANDARD K23-3013
BLANK K23-3060
STANDARD K23-3062
BLANK K23-3108
Fine-grained Homogeneous Intrusive Mixed Limonite Clear Qz Eyes ≤ 5mm Kaol. Alteration At 5m
FA1: 122/76SW
FA2: 238/72NW
At 8m
FA1: 114/78SW
FA2: 294/75NW
Clay-altered vein zone w/ py1 dykel fragments
Aphanitic zone dyke w/ ≤2mm phenocrysts
Clay-altered zone w/ goethite bands, minor rock frag.
Fine to med gr. intrusive w/ tourmaline ≤ 2mm crystals no Sx.
Very zone highly clay alt. Yel- or clay minor rock frag.
highly altered light stained pyrite alt. gdr. mass ≤ 80m w/ lim + minor manq. on frac. surfs. arse py1/py2, ex. Controlled. Qz veins
Qz-rich zone w/ goethite stained intrusive
highly altered weakly developed vein zone, many vuggies ≥ 10cm Qz-filled py2 dyke fragments
Intermittent loo/strip
Larger more Competent rocks up to 5mm
Qz-rich goethitic alteration trang/lim stained
Clay-altered, sugary Qz-feldspar frag rich in leached kaolinite alt.
Qz-rich goethite zone
Qz-rich goethite zone
Qz-rich goethite zone


K278114
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K278119
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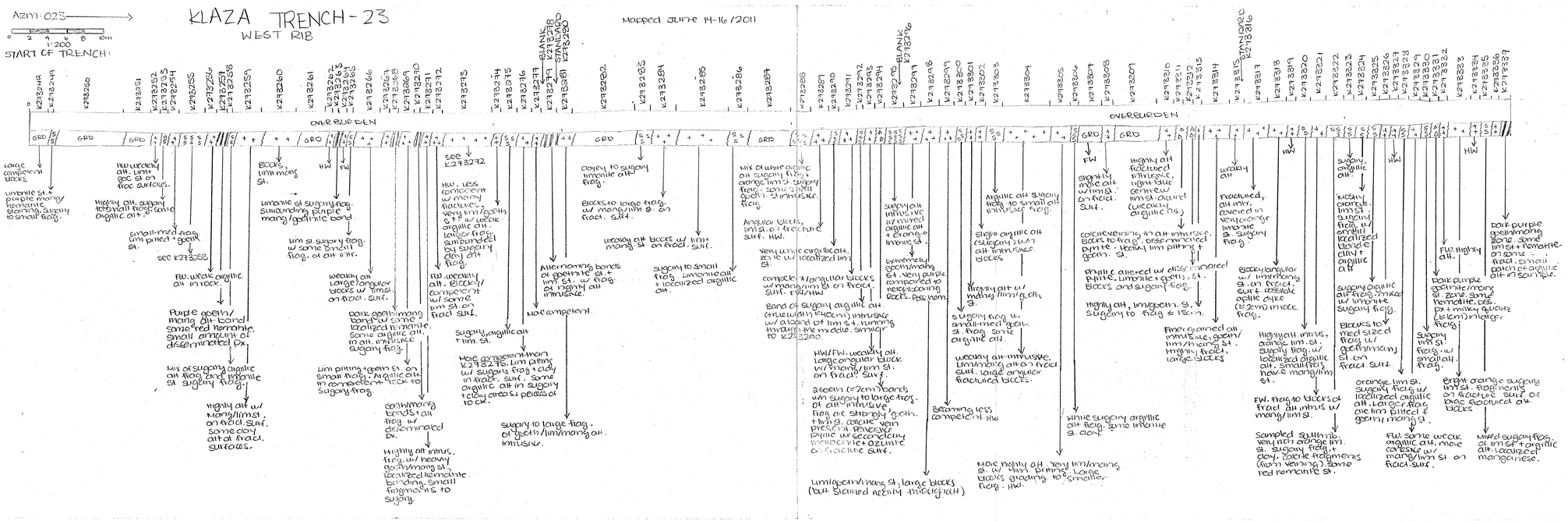
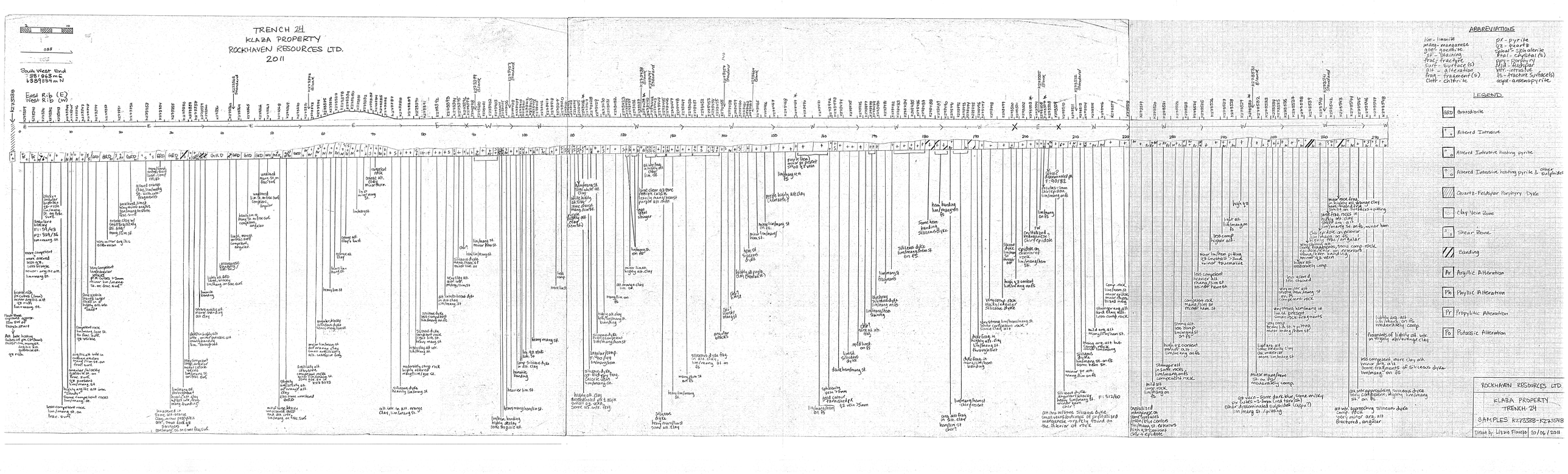
K278246
K278247
BLANK
STANDARD
END OF TR - 22
GRD
dissem. py
tourly competent rock heavy mang/lim st.
weak propylitic alt.
dissem. py lim/mang alt
argillic alt sugary / loose fragments
propylitic alt. near frac. surf.
very altered clay, less competent rock
mang/qge banding highly alt clay
Some alt intr. w/ lim st. argillic alt.
small qz-fld ppy fragments sugary argillic alt lim stain
Superclay alt. Sweary very bland colour grading to more competent rock
lim/mang st
SS-ST
qge/lim st. silicceus dyke
highly alt. clay dom. porous st. gtenite, tentative devolcanism (ash), sandy intr. infill. text.
qge/lim st. silicceous dyke mang st.
subangle gtted, mang/lim st.
dark mang/lim st, pryllic alt, diss py, FW
Argillic alt, highly alt. rock
Phyllic alt, leching diss py, mang/lim st,
small siliceous dyke zones, unsupported st, possible volcanic
very alt clay zone, qz-fld dyke fragments, minor qge (stockwork)
Phyllic alt, highly alt. rock
very alt clay zone, qz-fld dyke fragments, minor qge (stockwork)
phillic alt, qz rich intr. w/ pervasive py
50cm spacing @ 300/45m small veinlets (py ± asPx)
siliceous dyke, lim/mang jointed heavy mang, qge st.
siliceous dyke, lim/mang jointed heavy mang, qge st.
Siliceous dyke, lim/mang alt. highly alt clay, bedding
Siliceous dyke, lim/mang alt. highly alt clay, bedding
siliceous dyke, mang alt (lim) fractured
Siliceous dyke, mang/lim
siliceous dyke, lim/mang jointed heavy mang, qge st.
Siliceous dyke, lim/mang alt. highly alt clay, bedding
siliceous dyke, lim/mang alt. highly alt clay, bedding
siliceous dyke, lim/mang jointed heavy mang, qge st.
siliceous dyke, lim/mang alt. highly alt clay, bedding
siliceous dyke, lim/mang alt. highly alt clay, bedding
siliceous dyke, lim/mang alt. highly alt clay, bedding



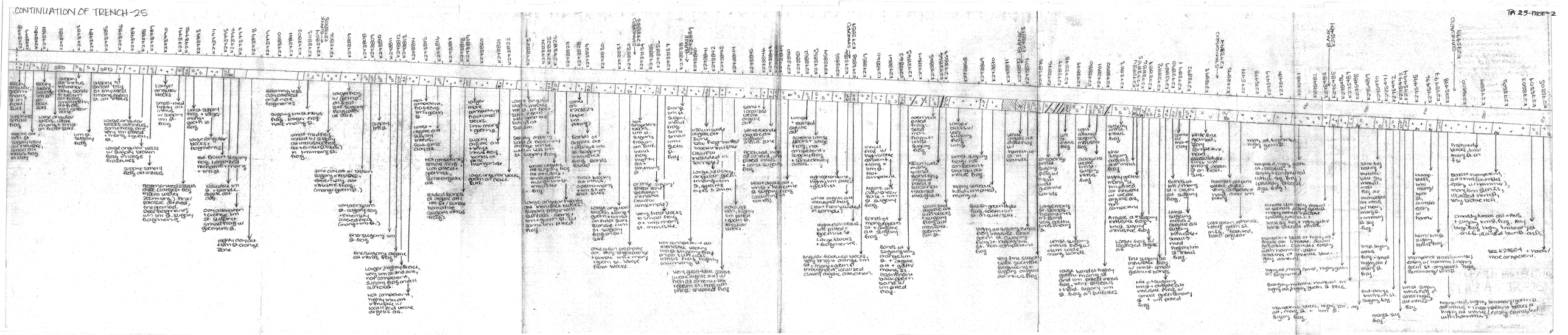
ROCKHAVEN RESOURCES LTD.

KL-TR-11-23

DRAWN BY: N. MARSH JUNE 2011


TRENCH 24
KLAZA PROPERTY
ROCKHAVEN RESOURCES LTD.
2011
South West End
551845mE
6397884mN
East Rib (E)
West Rib (W)
ABBREVIATIONS
lim - limonite
mngse - manganese
gnt - graphitic
sil - staining
frac - fracture
surf - surface (s)
alt - alteration
frag - fragment(s)
clast - clastic
py - pyrite
qz - quartz
spal - spalerite
xtal - crystal (s)
pgry - porphyry
felsp - feldspar
intr - intrusive
ss - fracture surface(s)
aspy - arsenopyrite
LEGEND
GRD Granodiorite
Altered Intrusive
Altered Intrusive hosting pyrite
Altered Intrusive hosting pyrite & other sulphides
Quartz-Feldspar Porphyry Dyke
Clay Vein Zone
Shear Zone
Banding
Ar Argillic Alteration
Ph Phyllic Alteration
Pr Propylitic Alteration
Po Potassic Alteration
ROCKHAVEN RESOURCES LTD.
KLAZA PROPERTY
TRENCH-24
SAMPLES R273538-R273548
Drawn by: Liane Flewelling 20/06/2011

CONTINUATION OF TRENCH-25



TRENCH 26 - KLAZA PROPERTY
ROCKHAVEN RESOURCES LTD.

0 10m

047°

South End, 382057mE 6889812mN

West Rib

East Rib

K273601 K273602 K273603 K273604 K273605 K273606 K273607, BLANK K273608 K273609 K273610 K273611 K273612 K273613 K273614 K273615 K273616 K273617 K273618 K273619 K273620 K273621 K273622 K273623 K273624 K273625, STANDARD K273626 K273627 K273628 K273629 K273630 K273631 K273632 K273633 K273634 K273635 K273636 K273637 K273638 K273639 K273640 K273641 K273642* K273643* K271314 K271315 K271316 K271317 K271318

*Resampled 63.5-64.5m (K274648) Highly alt intrusive hosting massive galena. Highly goethite+lim+hematite stained. Hard competent rock hosting galena enveloped by hemimang sugary frag.

GRD GRD GRD GRD

moderately competent alt. intr. heavy lim/mang st. on frac. surf.

clay alt. zone w/ alt. intr. frag., diss. py, galena veining, heavy manganese st. and limonite pitting

Highly competent and blocky, minor qz vein @ 18.21m

Heavily altered intr. frag disseminated py chlorite present limonite/mang. staining & pitting, highly alt. orange clay F: 4/17 SW

Minor limonite Staining on exteriors

Highly competent and blocky

minor arg. alt diss. galena & veins, heavy lim/mang/hem st.

highly alt. mang/lim. pitting

heavy lim/mang st. minor hematite possible goethite

Competent, blocky limonite/mang st. minor arg. alt.

Competent, blocky angular minor arg. alt.

highly prop. alt. intr. frag. in alt. orange clay Some argillic alt. mang/lim on fs

highly alt. intr. diss. Galena, minor argillic alt. lim/mang. on fs lim pitting

altered orange clay zone w/ altered intrusive fragments, heavy limonite/ manganese staining on frac. surf.

F: 27/17 SW

minor arg. alt angular, moderately comp. heavy mang/lim/hem st.

minor ppp. alt. intr. minor diss py in massive tourm., light green epidote

Siliceous dyke mang/goe. st lrm. st. on fs and pitting

alt. white clay zone, heavily lim/mang st on fs lim. st. throughout

more mang. st more alt. or. clay

alt. intr. in or. clay lim/mang st. throughout

limonite st. on fs

highly alt. orange clay lrm. st. throughout Some arg. alt intr. frag.

minor arg. highly alt. intr. limonite pitting lim./mang/hem. on fs

heavy orange alt. clay w/ arg. alt. intr. frag. Some competent rocks lim/mang on fs

mang/goe. boarding some comp. rocks more alt. or. clay lim/mang. st. on fs

angular, blocky lim. pitting light lim/mang st. on fs

highly phyl. alt. intr. hosting py veinlets, diss py, minor gal ± sphal.

grading to alt. intr. (no arg.) lim/mang. on fs lim. pitting

limon fs grading to GRD

very large, comp. rocks

larger alt. intr. frag in minor alt. or. clay

highly alt. intr. frag. in alt. or. clay lim/mang st. on fs lim. pitting

HW

minor arg. alt. intr lim/mang st. on fs

highly prop. alt. intr lim/mang. st on fs

minor arg/prop. alt. comp. minor lim. st. on fs.

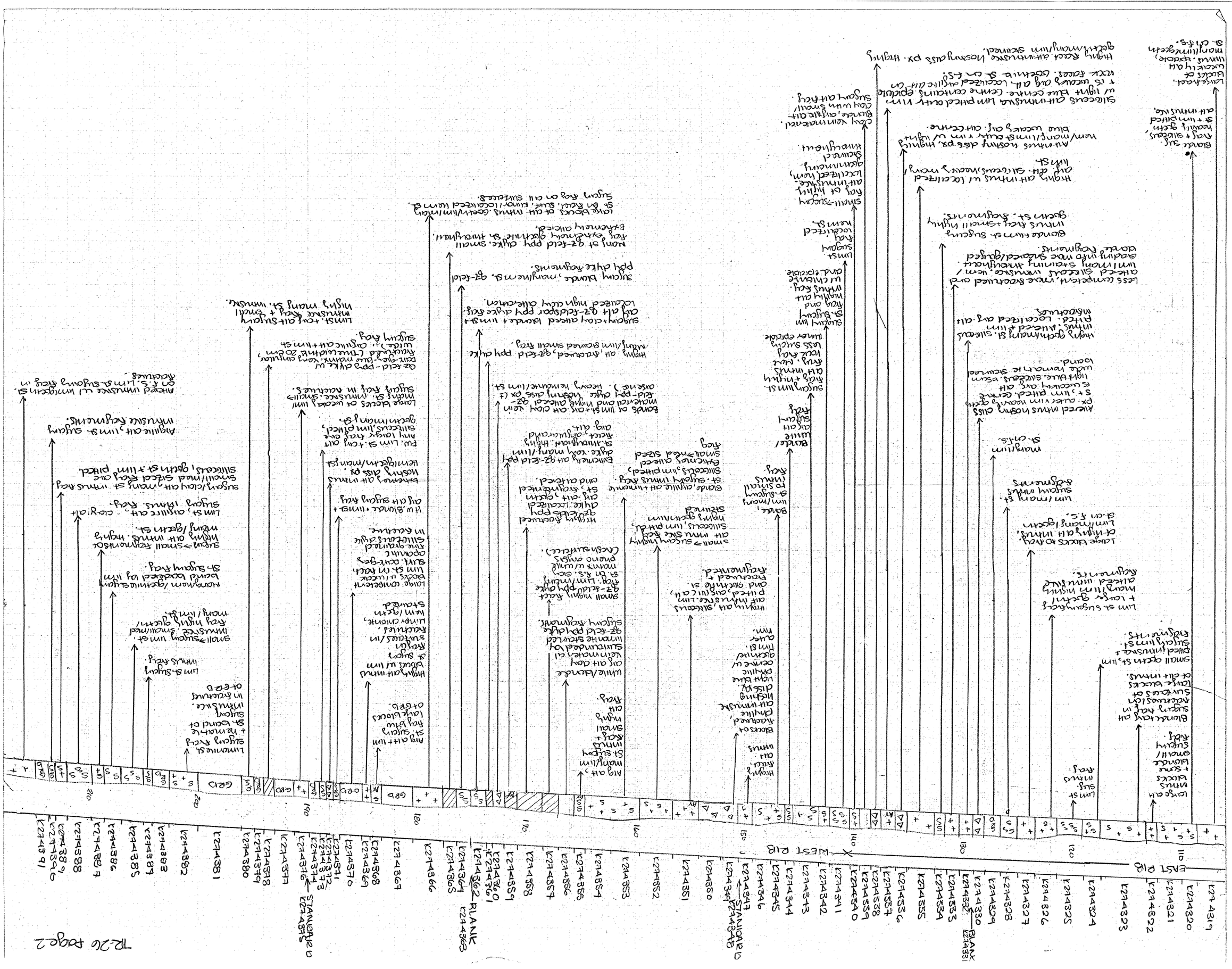
Large comp. blocks.

lim st., carb. alt sugary frag. Shedi/ med highly goeth & mang st throughout.

Alt intrus, siliceous, lim filled, hosting diss py. goethite stained st throughout, sugary lim st frag in fractures.

Large competent blocks.

Limonite st. sugary & goeth st smaller fragments on rock face of altered intrusive. Much more alt than surrounding GRD. Siliceous, lim filled intrusive hosting diss py and massive py. Heavily goeth st.


EAST RIG
WEST RIG
K2743801
K2743802
K2743803
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K2743806
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K2743808
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K2743810
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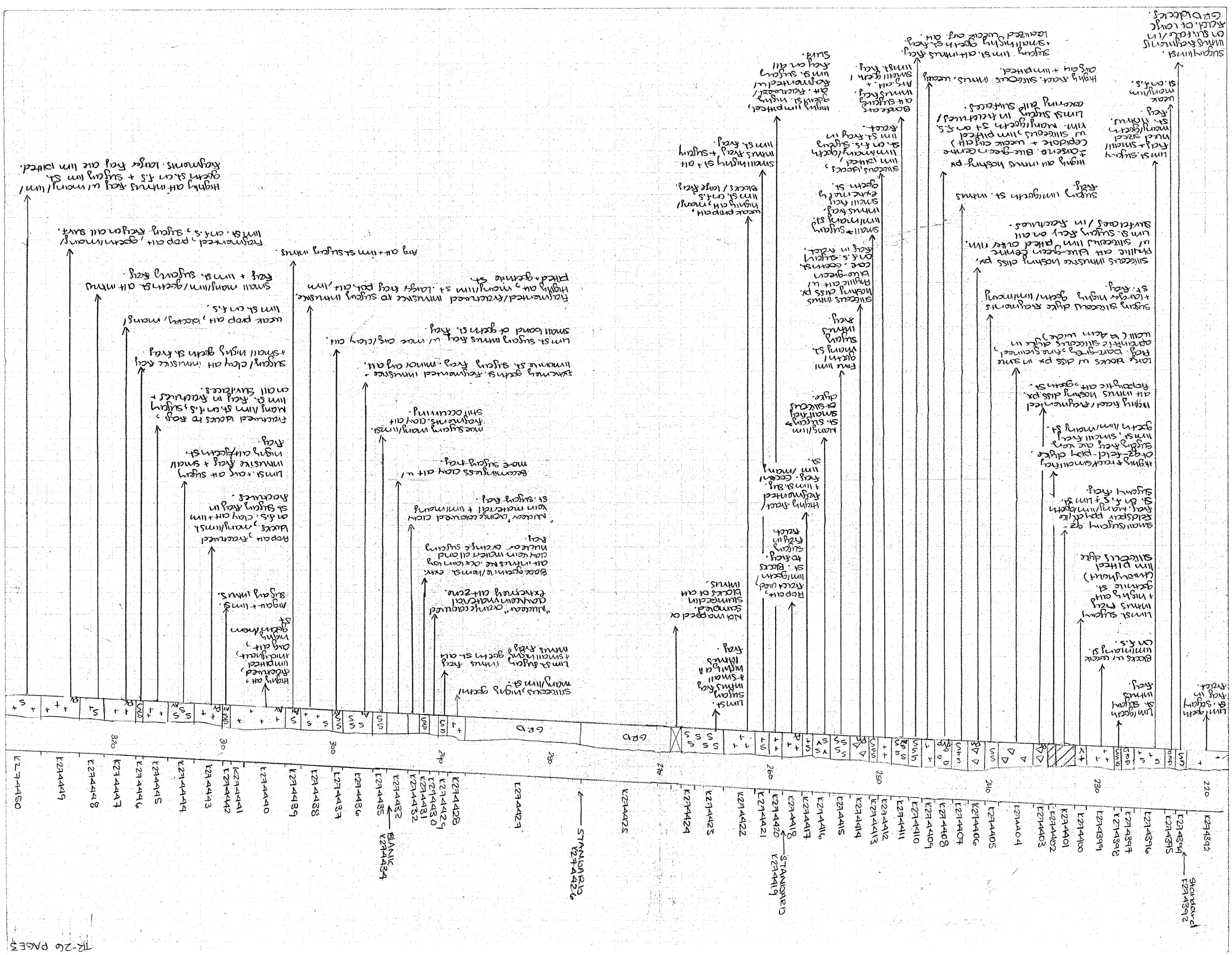
K274392
K274393
K274394 Standard K274392
K274395
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K274416
K274417
K274418 STANDARD K274419
K274420
K274421
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K274424
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K274426 STANDARD K274427
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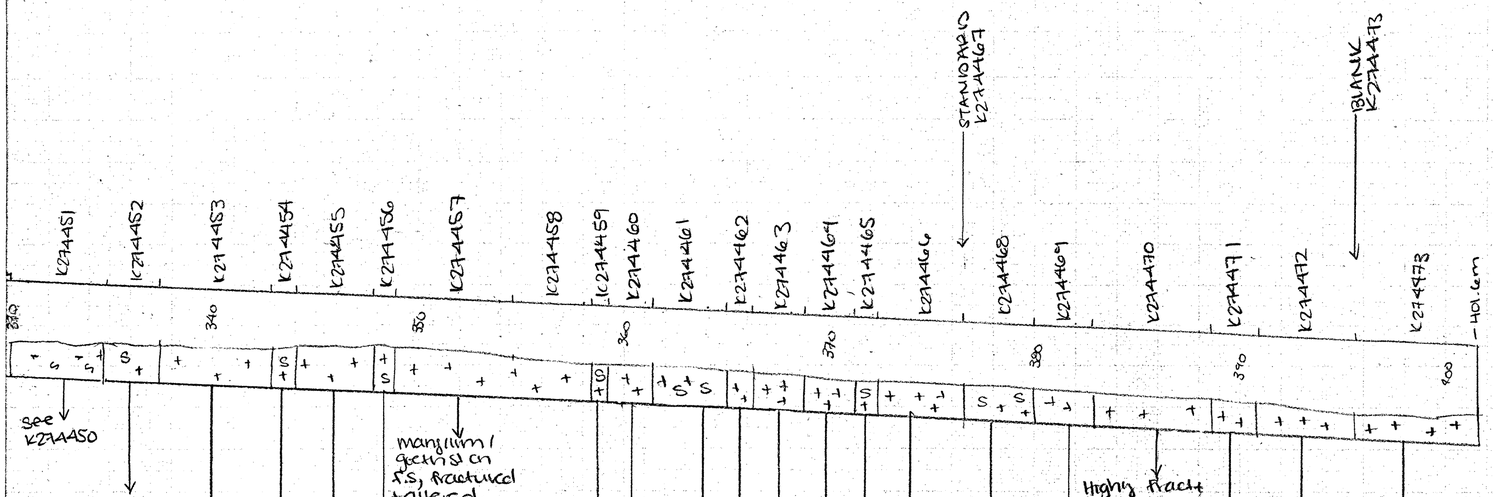
320
GAP
GAP
GAP



LEGEND

- GRD — Granodiorite
- ++ — Altered intrusive
- Quartz-feldspar porphyry dyke
- VV — Siliceous dyke (aphanitic, fine grained)
- SS — Sheared zone
- Banding
- Δ Δ — Altered intrusive hosting pyrite
- Altered intrusive hosting pyrite and other sulphides
- Clay vein zone
- AR — Argillic alteration
- PH — Phyllic alteration
- PR — Propylitic alteration
- PO — Potassic alteration.

ABBREVIATIONS

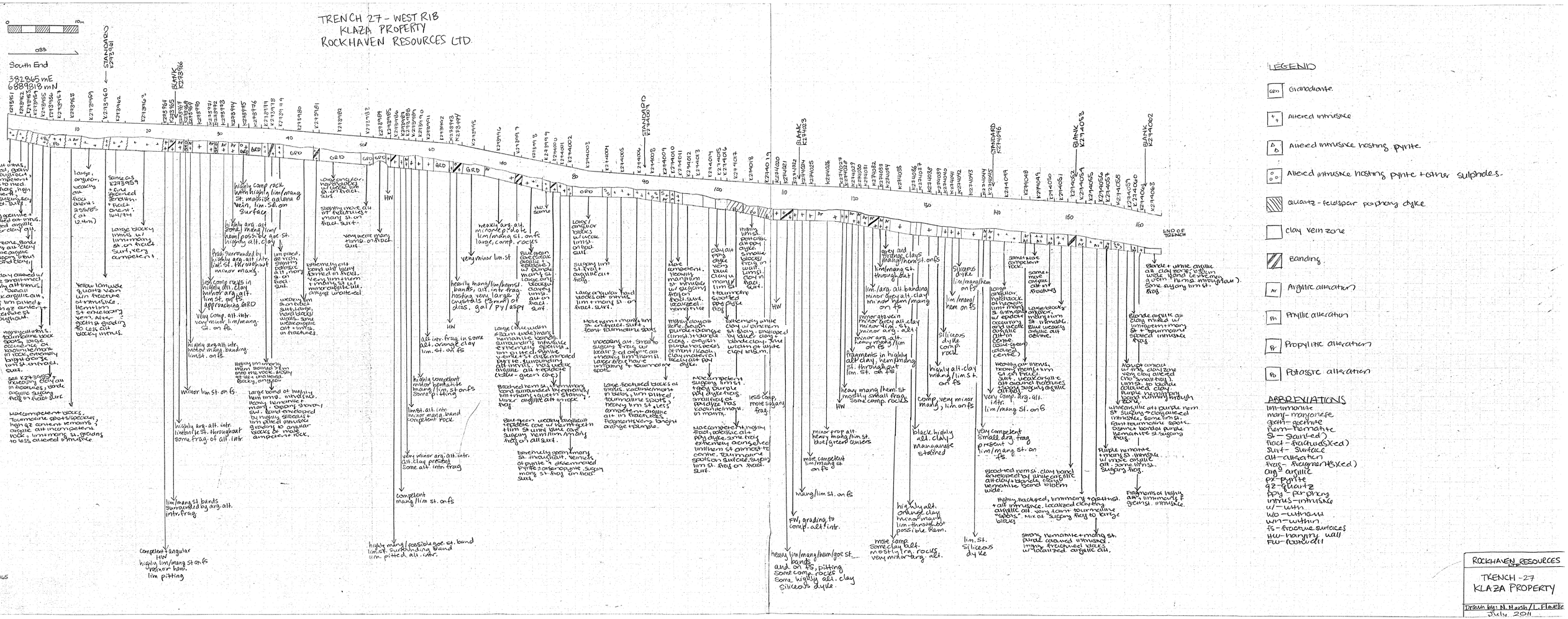
lim–limonite
mang–manganese
goeth–goethite
hem–hematite
py–pyrite
arsen–arsenopyrite
sphal–sphalerite
qz–quartz
ppy–pyrite
feld–feldspar
f.s.–fracture surface(s)
fract–fracture(s)(ed)
surf–surface(s)
frag–fragment(s)ed
alt–alter(ation)ed
w/–with

ROCKHAVEN RESOURCES LTD.

KL-11-26

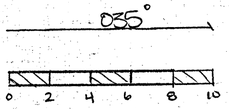
JUNE-AUGUST 2011

Drawn by: N. Marsh and L. Flavelle


TRENCH 27 - WEST RIB
KLAZA PROPERTY
ROCKHAVEN RESOURCES LTD.
South End
3812865 mE
6889818 mN
STANDARD K234046
BLANK K234053
BLANK K234062
END OF TRENCH
LEGEND
Granodiorite
Altered intrusive
Altered intrusive hosting pyrite
Altered intrusive hosting pyrite +other sulphides.
Quartz - feldspar porphyry dyke
Clay vein zone
Banding
Argillic alteration
Phyllic alteration
Propylitic alteration
Potassic alteration
ABBREVIATIONS
lim-limonite
marg-margonese
goeth-goethite
hem-hematite
st-stained)
fract-fractured(sked)
surf-surface
alt-alteration
frag-fragment(sked)
arg-argillic
py-pyrite
qz-quartz
ppy-porphyry
intrus-intrusive
w/-with
wo-without
wn-within
fs-frootwe surfaces
hw-hanging wall
fw-footwall
ROCKHAVEN RESOURCES
TRENCH - 27
KLAZA PROPERTY
Drawn by: N. Marsh / T. Hazelle
July, 2011

TRENCH 28 - KLAZA PROPERTY

ROCKHAVEN RESOURCES LTD.



North End

K273551 K273552 K273553 K273554 K273555 K273556 K273557 K273558 K273559 K273560 K273561 K273562 K273563 K273564 K273565 K273566 K273567 K273568 K273569 K273570 K273571 K273572 K273573 K273574 K273575 K273576 K273577 K273578 BLANK K273579 K273580 K273581 K273582 K273583 K273584 STANDARD K273585 K273586 K273587 K273588 K273589 K273590 K273591 K273592 K273593 K273594 K273595 K273596 K273597 K273598 K273599 K273600 K273601 K273602 K273603 K273604 K273605 K273606 K273607 K273608 K273609 K273610 K273611 K273612 K273613 K273614 K273615 K273616 K273617 K273618 K273619 K273620 K273621 K273622 K273623 K273624 K273625 K273626 K273627 K273628 K273629 K273630 K273631 K273632 K273633 K273634 K273635 K273636 K273637 K273638 K273639 K273640 K273641 K273642 K273643 K273644 K273645 STANDARD K273646 K273647 K273648 K273649 K273650 K273651 K273652 BLANK K273653 K273654 K273655 K273656 K273657 K273658 K273659 K273660

0 10 20 30 40 50 60 70 80 90 100

GRAB

moderately competent siliceous dyke arg. alt. evident in large rocks (bleached centers) heavy lim/mang st. on fs very large qtz eyes (>4mm)

siliceous dyke grading to alt. intr. lim/mang. st on fs lim. pitting

more comp lim/mang st. on fs lim. pitting

orange alt. clay heavy lim. st less comp. rocks

very comp. lim/mang. st on fs

highly clay alt. minor arg. alt. mang/lim st. throughout

more comp mang/lim on fs lim pitting

more clay alt + intrusive frag. lim/mang st on fs + pitting

HW

more lim/mang staining on fs

see K273565 but no arg. alt. present F: 82/84N

very comp. rk in highly arg. alt intr. Sand lim on fs minor mang. st.

more comp alt. intr some alt. clay lim/mang. st. on fs

highly alt. clay zone minor arg. alt. orange clay intr. frag. lim/mang st. throughout

some clay alt intr. frag. lim/mang st. prominent

thin highly alt. clay zone intrusive frag. lim/mang st. throughout

very comp angular minor lim. st.

Arg alt + lim st. sug frag + mang/lim st. alt intrus fragments.

highly clay alt. some intr. frag. arg. alt. clay lim/mang/hem st. throughout.

very comp alt intr lim st. on fs

arg alt. clay lim/mang/hem. st. on fs large comp. rks in clay

heavy lim st. on fs minor mang st. on fs large comp rocks in arg. alt + sand.

more comp. alt. intr some arg. alt

orange clay alt some alt intr. frag minor arg. alt.

higher clay alt lim/mang st on fs + lim pitting possible very minor arg. alt.

more clay alt. btwn blks lim/mang st on fs.

Large angular blocks. heavy lim/hem et on fs. weakly + pot alt + veg lim st.

same as K273584 + more arg. alt on surfaces.

Large block, hard alt intrus. Minor qz vnlt + arg. alt. lim + mang st on fs.

Hw/FW included. Highly get/minary st and alt band. Striking at 147, Goethite st. throughout w/ blue clay alt. material on all fract. surf. Hw/Fw is siliceous lim pitted, limonite st. altered on fracture.

Large arg. comp blocks, Heavy lim/mang st on fs. Minor lim pitting Arg. alt in fractures.

same as K273580 + more arg. alt. on surf of comp. rock.

Block, arg. intrus, lim/mang st, lim pitting tourmaline spots, weak arg. alt + very light lim st.

Siliceous zone of highly arg. alt + silicified by blonder. Less alt frag.

Highly hem + alt intrusive. Bright orange lim st on shr. f.s. Minor qz alt + hem/mang st. Subang frag inclusions.

comp lim/mang/hem st. on fs minor highly alt clay

diss py + aspy tourm stringers minor prop. bet. some highly alt clay

lim/mang st. on fs.

more comp

more arg. alt. more lish/mang st lim pitting

very comp. minor lim/mang st on fs minor arg. alt. Sand in grooves.

comp. lim st. on fs

comp. arg alt intr minor qz (clear) veining lim/mang st on fs. minor hematite

Arg. alt. Comp rocks in some sand minor qz (clear) veining lim/mang st. on fs

alt intr. in highly alt. clay lim st.

more comp minor arg. alt.

see K273642, but no arg. alt.

more clay alt. Some comp frag. minor arg. alt, lim/mang st on fs

comp rocks lim/mang on fs

highly alt clay zone arg/lim banding minor mang. st Some comp. rocks

minor diss. py lim/mang st. on fs

comp, alt intr. lrg. blks lim/mang st. on fs

blocky minor mang./ lim. st. on fs competent

Some arg. alt. mang/goe. st.

Competent

Siliceous dyke diss. galena highly mang/lim st. minor goe. st.

Comp py + aspy stringers (minor) lim/mang st. on fs.

see K273647

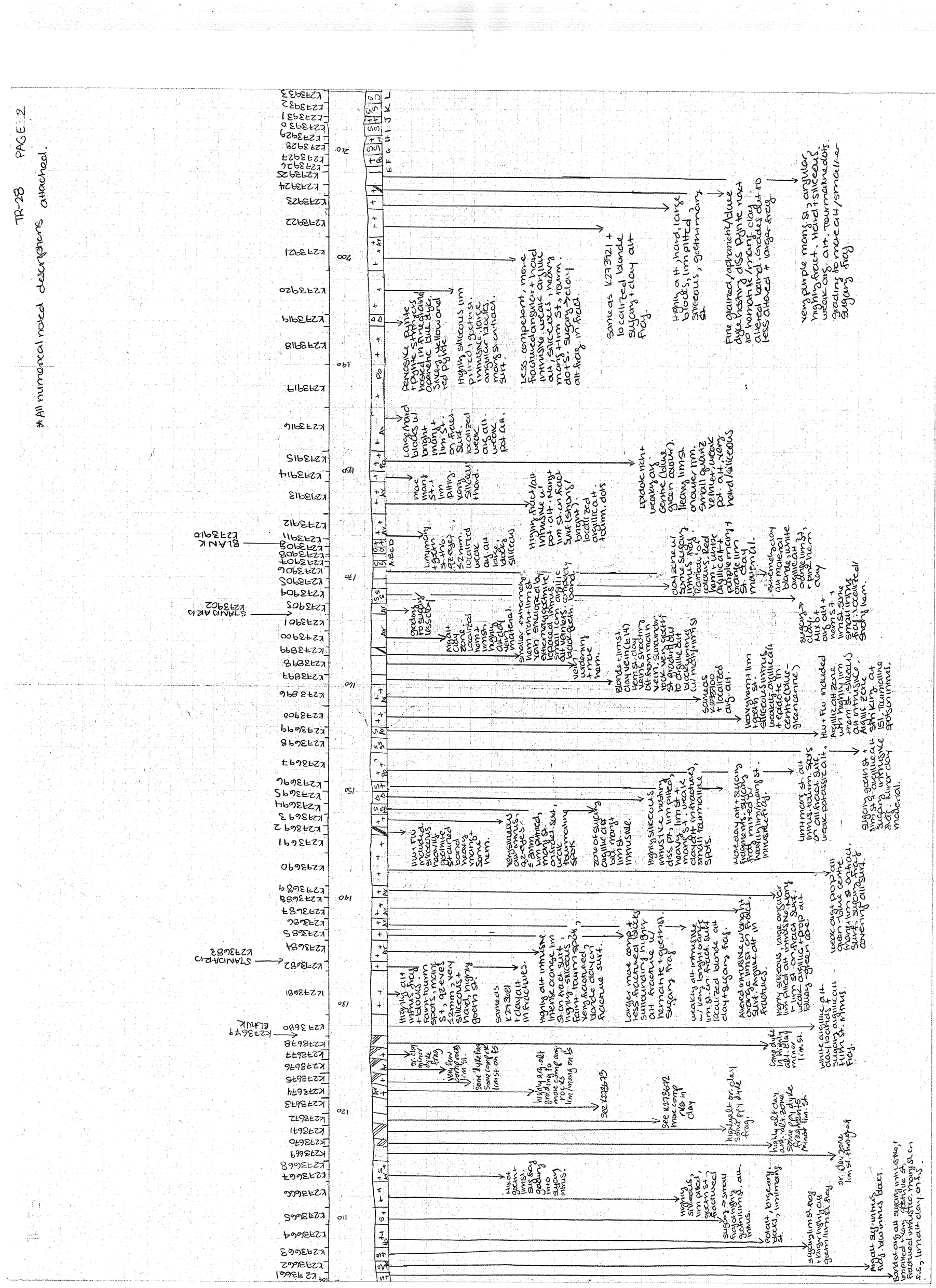
Large angular blocks. Arg alt, weak, arg subsug frag in fract. surf. weak pot. alt.

Weak lim/mang st. on fs.

weak lim/ mang st. on fract. surf, pot alt.

Weak alt, heavy hem, fragmented, lim pitted, weak arg alt, potassic alt, heavy lim st. on fs.

* All numerical noted descriptions attached.


STANDARD
k2739o2
BLANK
k2739ob
STANDARD
k2736b3
BLANK
k2736b9
k2739o2
k2739o3
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k2739o5
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k2736l26
k2736l27
k2736l28
k2736l29
k2736l30
k2736l31
k2736l32
k2736l33
Grading to moderate
Sugary frag.
Very pink mang St + argillic
Sugary frag.
Very purple mang St + argillic
Sugary frag.
Sugary frag.
Sugary frag.

K274134
K274135

END OF TR-28 at 328.60m

Very many thin-mm st. many ice. Highly fractured + altered. Argillic alteration many st. sugary fray in all fractures, Lim pitted.

LEGEND

- GRD — Granodiorite
- + + — Altered intrusive
- Quartz-feldspar porphyry dyke
- V V — Siliceous dyke (aphanitic, fine grained)
- S S — Sheared zone
- Δ Δ — Altered intrusive hosting pyrite
- o o — Altered intrusive hosting pyrite and other sulphides
- Banding
- Clay vein zone
- Ar — Argillic alteration
- Ph — Phyllic alteration
- Pr — Propylitic alteration
- Po — Potassic alteration

ABBREVIATIONS

lim – limonite
many – manganese
goeth – goethite
hem – hematite
py – pyrite
arsenp – arsenopyrite
sphal – sphalerite
qz – quartz
ppy – porphyry
feld – feldspar
fs – fracture surface
fract. – fracture(s)(ed)
surf – surface(s)
frag – fragment(s)(ed)
alt – alteration(ed)
w/ – with

ROCKHAVEN RESOURCES LTD.

KL-11-28

drawn by: N. Marsh and L. Flakelle
JUNE 2011

KLAZA TRENCH-29

033

Mapping North to South.

2 4 6 8 10

1:200

START OF TRENCH: elevation: 1408
0382762 mE
6889930 mN

EAST RIB

K274187 K274188 K274189 K274190 K274191 K274192 K274193 K274194 K274195 K274196 K274197 K274198 K274199 K274200 K274201 K274202 K274203 K274204 K274205 K274206 K274207 K274208 K274209 K274210 K274211

BLANK K274161

STANDARD K274167

STANDARD K274191

BLANK K274199

WEST RIB

K274184 K274185 K274186

B365m A B C D E F G H A866m

NOTE: Numerical notations are not sampled but are mapped and include descriptions.

EAST RIB

K274212 K274213 K274214 K274215 K274216 K274217 K274218 K274219 K274220 K274221 K274222 K274223 K274224 K274225 K274226 K274227 K274228 K274229 K274230 K274231 K274232 K274233 K274234 K274235 K274236 K274237 K274238 K274239 K274240 K274241 K274242 K274243 K274244 K274245 K274246 K274247 K274248 K274249 K274250 K274251 K274252 K274253 K274254 K274255 K274256 K274257 K274258 K274259 K274260 K274261 K274262 K274263 K274264 K274265 K274266 K274267 K274268 K274269 K274270 K274271 K274272 K274273 K274274 K274275 K274276 K274277 K274278 K274279 K274280

STANDARD K274227

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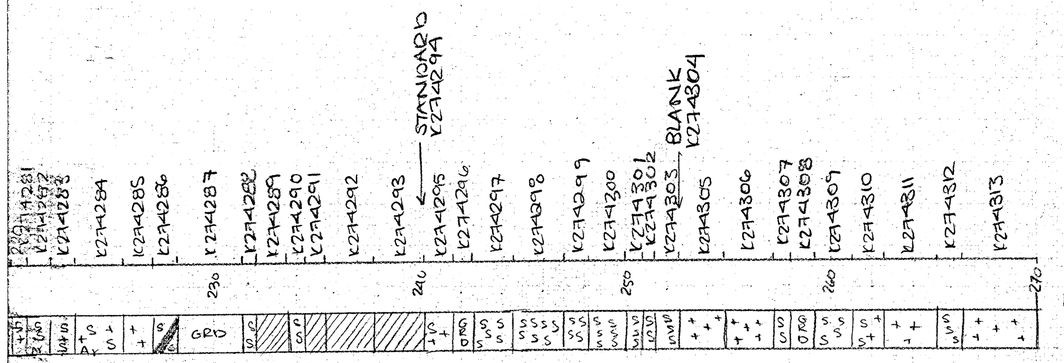
BLANK K274255

STANDARD K274267

TR-29



END OF TRENCH

Elevation: 1423
0383612mE
6889705mN
AZM: 212

LEGEND

- Granodiorite
- Altered Intrusive
- Quartz-feldspar Porphyry Dyke
- Siliceous Dyke
- Shear Zone
- Banding
- Hosting pyrite
- Argillic Alteration
- Hosting Sulphides
- Potassic Alteration
- Potassic Alteration
- Clay Vein Zone

ROCKHAVEN RESOURCES LTD.

TRENCH - 29
KLAZA PROPERTY

DRAWN BY: N. MARSH
JULY 2011

TRENCH-30

WEST RIB

Mapping south to North

2 4 6 8 10m

STANDARD K2744480

STANDARD K2744619

BLANK K2744535

BLANK K2744557

STANDARD K2744564

BLANK K2744565

STANDARD K2744602

STANDARD K2744621

BLANK K2744630

END OF TR-30

py, tourmaline massive sphalerite. hosted in altered intrus.

Goethite sh band.

smoky + milky qz veins + veinlets

Intrusive hosting diss py minor azurite.

Extremely clay alt contact.

clay alteration at contact.

Siliceous intrus hosting diss py

small qz vein at 234m

Phyllic altered intrusive hosting pervasive py

Phyllic altered intrusive hosting diss py

Highly alt siliceous intrus hosting sphalerite + crystalline manganese.

Siliceous intrus + qz veinlets. localized hematite.

LEGEND

- Granodiorite
- Altered Intrusive
- Quartz-Feldspar Porphyry Dyke
- Shear Zone
- Banding
- Argillic Alteration
- Potassic Alteration
- Hosting Pyrite

ABBREVIATIONS

py-pyrite intrus-intrusive.
qz-quartz
diss-disseminated
alt.-altered

ROCKHAVEN RESOURCES LTD.

TRENCH-30

KLAZA PROPERTY

DRAWN BY: N. MARSH | JULY 2011

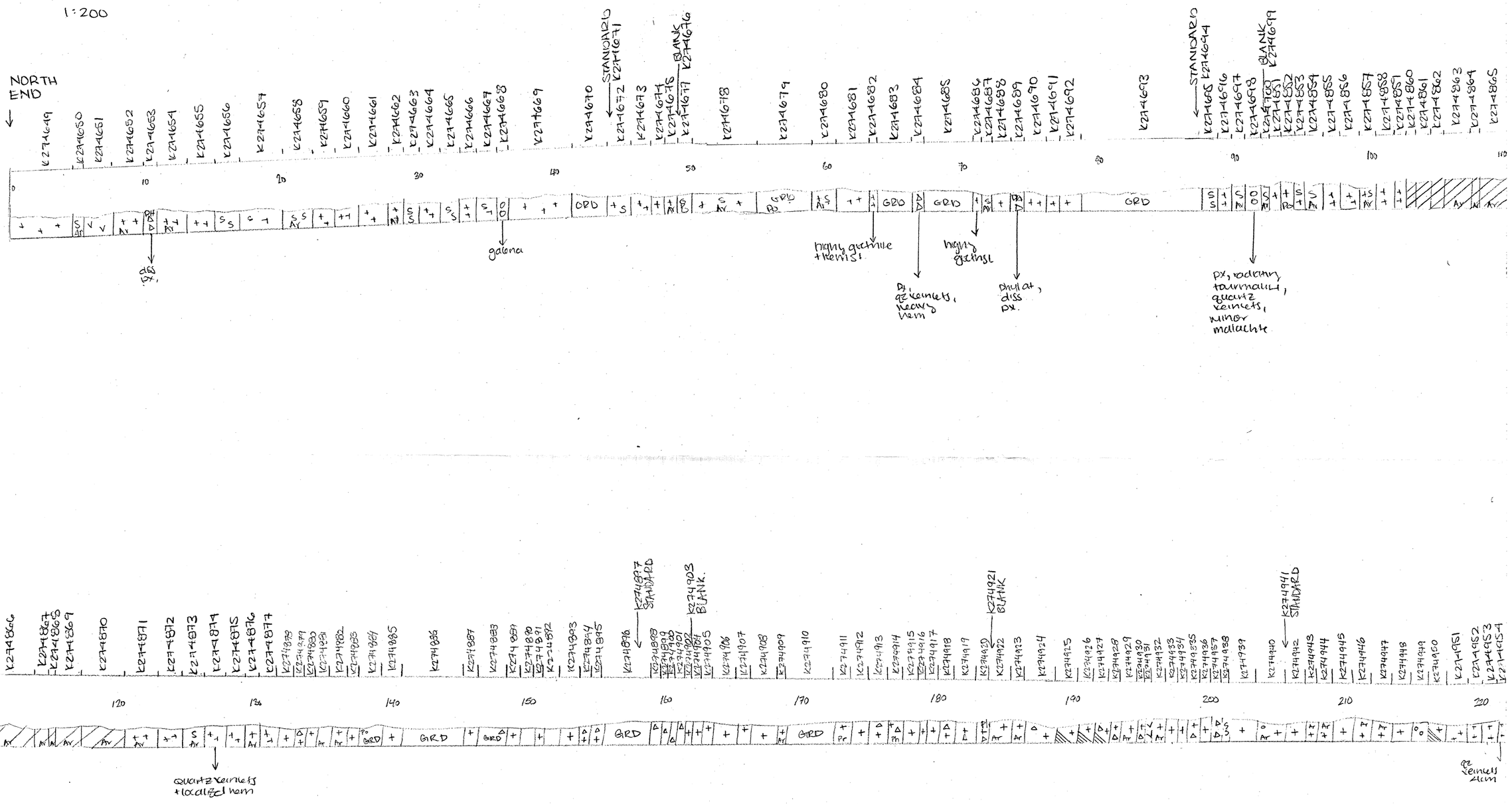
TRENCH 31 – KLAZA PROPERTY

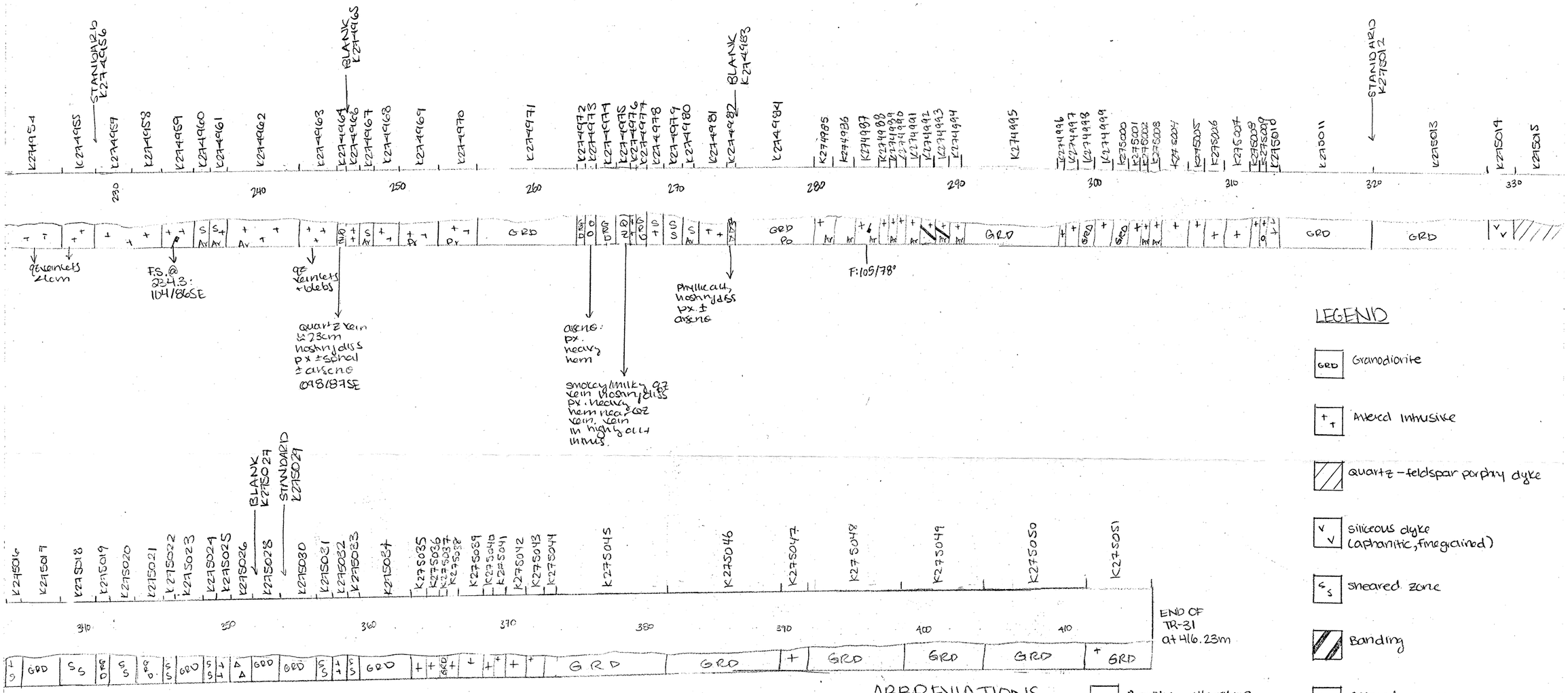
ROCKHAVEN RESOURCES LTD.

035°

0 2 4 6 8 10

1:200





LEGEND

- GRD — Granodiorite
- Altered Intrusive
- Quartz-feldspar porphyry dyke
- Siliceous dyke (aphanitic, fine grained)
- Sheared zone
- Banding
- Altered intrusive hosting pyllite
- Altered intrusive hosting pyrite + other sulphides
- Clay vein zone

ABBREVIATIONS

- Im-limonite
- mang-manganese
- gecht-goethite
- hem-Hematite
- px-pyrite
- arsenic-arsenopyrite
- sphal-sphalerite
- qz-quartz
- ppy-porphyry
- feld-feldspar
- f.s.-fracture surface(s)
- fract-fracture(s)(ed)
- surf-surface(s)
- frag-fragment(s)(ed)
- alt-alteration
- w/-with

- Ar — Argillic alteration
- Ph — Phyllic alteration
- Pr — Propylitic alteration
- Po — Potassic alteration

ROCKHAVEN RESOURCES LTD.

KL-11-31

Drawn by: N. Marsh + L. Flavelle

TRENCH-32 KLAZA PROPERTY

ROCKHAVEN RESOURCES LTD. 2011

33°

SOUTHWEST END TO
NORTHEAST END

0 10

K275062 K275063 K275064 K275065 K275066 K275067 K275068 K275069 K275070 K275071 K275072 K275073 K275074 K275075 K275076 K275077 K275078 BLANK K275079 K275080 K275081 K275082 K275083 STANDARD K275084 K275085 K275086 K275087 K275088 K275089 K275090 K275091 K275092 K275093 K275094 K275095 K276040 K275097 K276098 K275099 K275100 K275101 K276102 K275103 K275104 K275106 K275105 BLANK K275107 K275108 K275109 K275110 K275111 K275112 K275113 K275114 K275115 K275116 K275117 K275118 K275119 K275120 K275121 K275122 K275123

0 10 20 30 40 50 60 70 80 90 100

GRD

comp, blkly minor lim. st on fs

very highly argillically alt clay zone ± minor limonite staining, minor alt intr. frag.

very highly alt. clay-limonite stained w/ highly alt. intr. frag - lim. st fs

very highly alt. clay lim/mang st w/ highly alt. intr. rks - lim pitting, lim/mang st on fs

highly alt. clay zone w/ some lrg. lim. st intr. rks but mostly small frag.

lim/mang st. fs. in lim st. alt. clay

highly alt. clay zone lim/mang. st w/ alt intr. fragments

lim/mang st fs. lim. pitting alt intr. in lim. st. clay

blocky/unaltered GRD with alt intr lim/mang. st fs

highly alt lim. st clay ~25cm

large blks GRD with alt intr. lim. st. fs.

lim st. clay w/ alt int frag. lim. pitting lim/mang st on fs

HW- GRD grading to lim. st/alt intr.

very comp

FW, lim. st. clay w/ minor intr. frag.

phyllic alt, comp intr. lim/mang. st. on fs 3mm pieces of diss. px

alt intr. in alt. clay lim. st. throughout minor mang. st.

HW, GRD grading to alt. intr.

minor lim. st on fs

lim/hem? st. on fs w/ limonite pitting

GRD/alt intr (lim st. fs) with lim. st altered clay sand in fractures.

less competent, more lim/mang st. on fs

lim/mang st on fs in lim st. alt. clay

Footwall highly alt lim st clay with some alt intr. frag.

Highly alt. clay sand with minor arg. alt. and lim. st. very shallow dip.

mod. comp. some minor clay

minor lim st fs, in lim st clay

very minor lim. st. on fs

less comp lim. st. fs in lim. st. clay

very comp minor lim. st. on fs

more comp. lim. st. fs minimal lim. st. clay

lim. st fs in lim st clay

less comp, in lim. st. alt clay

competent, blocky minor lim. st on fs

less comp lim/mang st on fs in lim st alt. clay

competent minor lim. staining on fs

see KZ75088 larger intrusive fragments

highly alt, lim. st clay with some alt intr. fragments

competent minor limonite staining on fs.

lim/mang st on fs

competent lim. st. on fs

highly alt. clay w/ some intr. frag. lim/mang banding argillic alt.

fragments of alt intr in lim. st. clay lim/mang. st throughout

competent lim/mang st on fs in some lim. st. clay

Hangingwall alt intr w/ lim/mang st fs in lim. st. alt. clay, manganese (goethite?) banding with limonite staining throughout

comp. lim/mang st on fs

small frag lim/mang st fs in lim. st alt. clay

lim/mang st. fs in lim. st. alt. clay

highly lim. st. alt clay w/ small intr. frag lim/mang st. on fs

very competent lim/mang st. fs

lim/mang/hem on fs phyllic alt, in lim/mang st. clay

lim/mang/hem st. on fs in highly mang. st. clay.

Footwall more comp w/ some lim. st. clay present

highly alt. clay zone hematite/lim/mang. banding w/ some qtz-ppy dyke frag. present

more competent lim/mang st on fs in lim. st. clay

more comp. lim/mang st. on fs in lim. st. alt clay

lim st alt. clay/ sand

lim/mang st fs., in lim. st. clay

lim/mang st on fs, in lim. st. clay

lim/mang st on fs, in lim. st. clay

highly alt. clay lim st with some mang. st banding.

lim/mang st. fs. in lim st. clay

lim/mang st fs (comp blks), in lim. st. clay

Footwall alt. intr. in lim. st. alt. clay

alt. clay zone lim/mang st. throughout w/ intr frag lim/mang on fs

competent in lim. st. alt. clay.

K27S124 K27S125 K27S126 K27S127 K27S128 K27S129 K27S130 K27S131 K27S132 K27S133 K27S134 K27S135 K27S136 K27S137 K27S138 K27S139 K27S140 K27S141 K27S142 K27S143 K27S144 K27S145 K27S146 K27S147 K27S148 K27S149 K27S150 K27S151 K27S152 K27S153 K27S154 K27S155 K27S156 K27S157 K27S158 K27S159 K27S160 K27S161 K27S162 K27S163 K27S164 K27S165 K27S166 K27S167 K27S168 K27S169 K27S170 K27S171 K27S172 K27S173 K27S174 K27S175 K27S176 K27S177 K27S178 K27S179 K27S180 K27S181 K27S182 K27S183 K27S184 K27S185 K27S186 K27S187 K27S188 K27S189 K27S190 K27S191 K27S192 K27S193 K27S194 K27S195 K27S196 K27S197 K27S198 K27S199 K27S200 K27S201 K27S202 K27S203 K27S204 K27S205 K27S206 K27S207 K27S208 K27S209 K27S210 K27S211 K27S212 K27S213 K27S214 K27S215 K27S216 K27S217 K27S218 K27S219 K27S220 K27S221 K27S222 K27S223 K27S224 K27S225 K27S226 K27S227 K27S228 K27S229 K27S230 K27S231 K27S232 K27S233 K27S234 K27S235 K27S236 K27S237 K27S238 K27S239 K27S240 K27S241 K27S242 K27S243 K27S244 K27S245 K27S246 K27S247 K27S248 K27S249 K27S250 K27S251 K27S252 K27S253

110 120 130 140 150 160 170 180 190 200 210

GPIO GEB GEB GPIO

STANDARD K27S233 STANDARD K27S262

BLANK K27S225

stud, boot limsi.cn.s

mloc.cnt.ch main BUILDING gaeor zeno3.

silicous, heavy, limiceicin st, eyeshade, rich blue-green coat + limsi. supply

bond or main smaller sq + capassic a.h, True width=22cm.

supply +small highch mins Aq. oxygite all fields are in small scratch/ kaolinite)

lightgreen silicous dye. highly fractured, geothst fluorinelime specis. limsi.cn fs. highch.

blue-green coat highch mins, limi glath.dhcl. int. Cos Sacrpleuring supply gaeor zero C(limsi) Machines as K27S20

highch, chq.ch, limplicd/a Fluctuated, idle, fedaspois coated! to burn/Low, Low calculer Accolades, local leaf bern, geth.st.

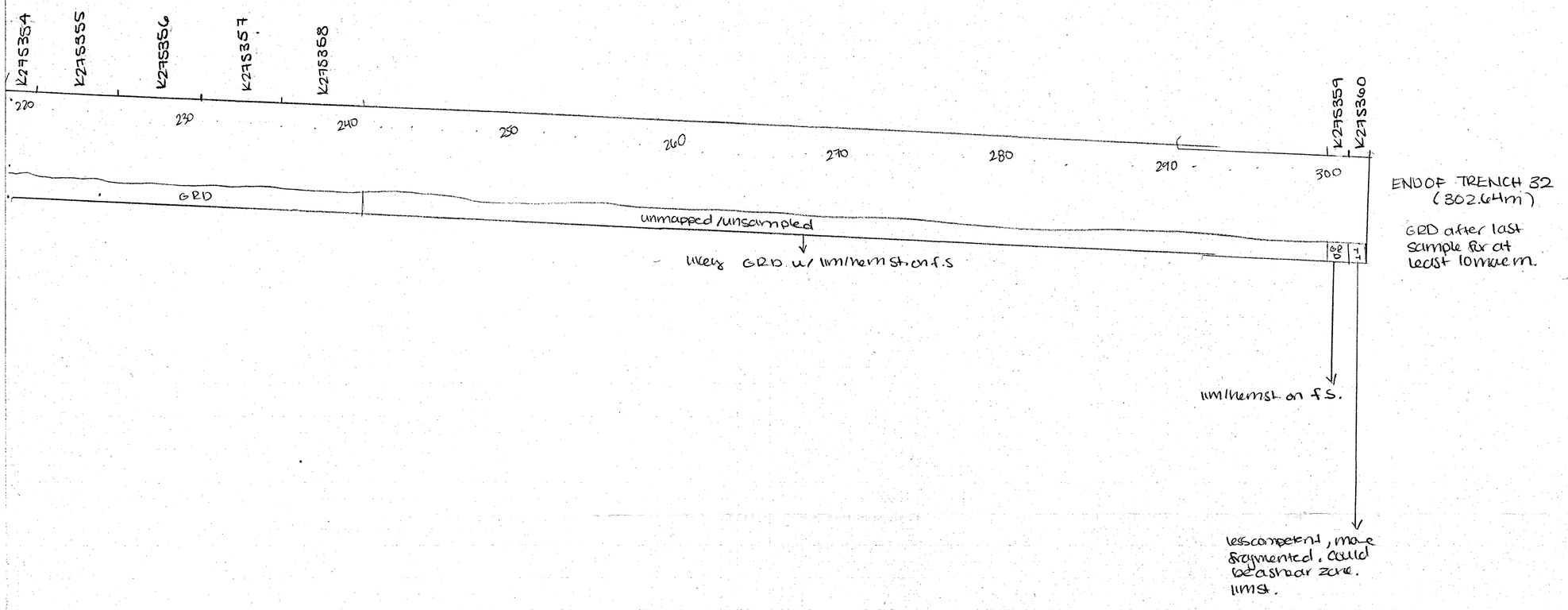
highch, chq act, lightgreen inthrix, (could be silicous chyo?)

lightgreen inchrix w hemicatcer silicates (in large circle). heavy limicgeen st. On fs.

silicous limus hoshn disspx. highch gechmin st.

silicous, highch, glcath/limsl, accalced hem, juice-chq chl, 92 eggs. 2 limn.

highch, chq ch, fragmented, limgeath/ mend st.



ABBREVIATIONS

lim - limonite
mang - manganese
goe - goethite
hem - hematite
prop - propylitic
arg - argillic
pot - potassic
phyl - phyllic
st - staining
f.s - fracture surface(s)
alt - altered
intr - intrusive
comp - competent
frag - fragment(s)
blks - blocks
py - pyrite
aspy - arsenopyrite
gal - galena
sphal - sphalerite

LEGEND

- Hosting pyrite
- Hosting sulphides ± pyrite
- Clay Vein Zone
- Granodiorite
- Altered Intrusive
- Qtz-feldspar ppy Dyke
- Siliceous Dyke
- Shear Zone
- Argillic Alteration
- Propylitic Alteration
- Potassic Alteration
- Phyllic Alteration
- Banding

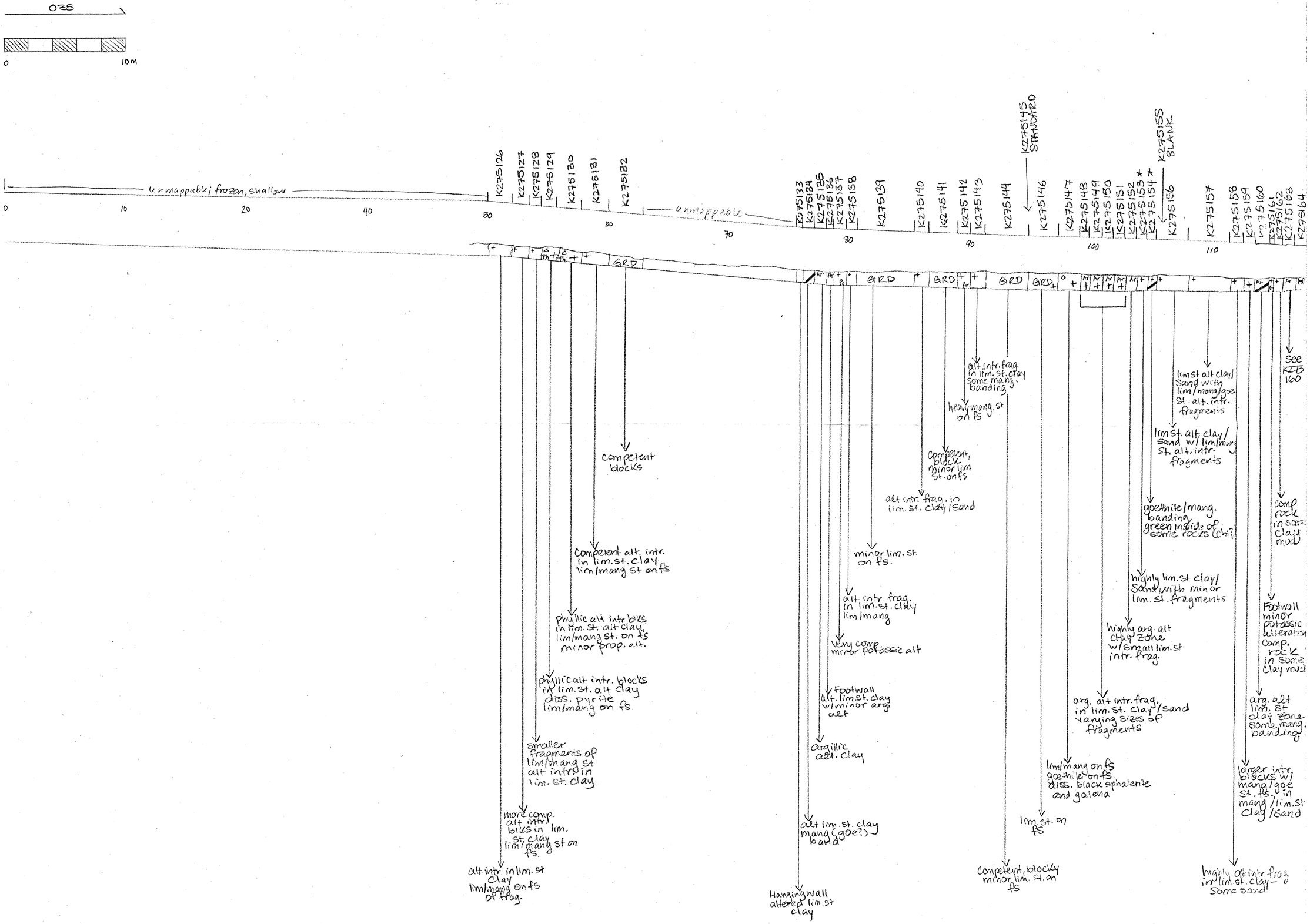
ROCKHAVEN RESOURCES LTD.

TRENCH - 32
KLAZA PROPERTY

Drawn by: N. Marsh & L. Flavelle
JULY 2011

TRENCH 33 - KLAZA PROPERTY

ROCKHAVEN RESOURCES LTD. 2011

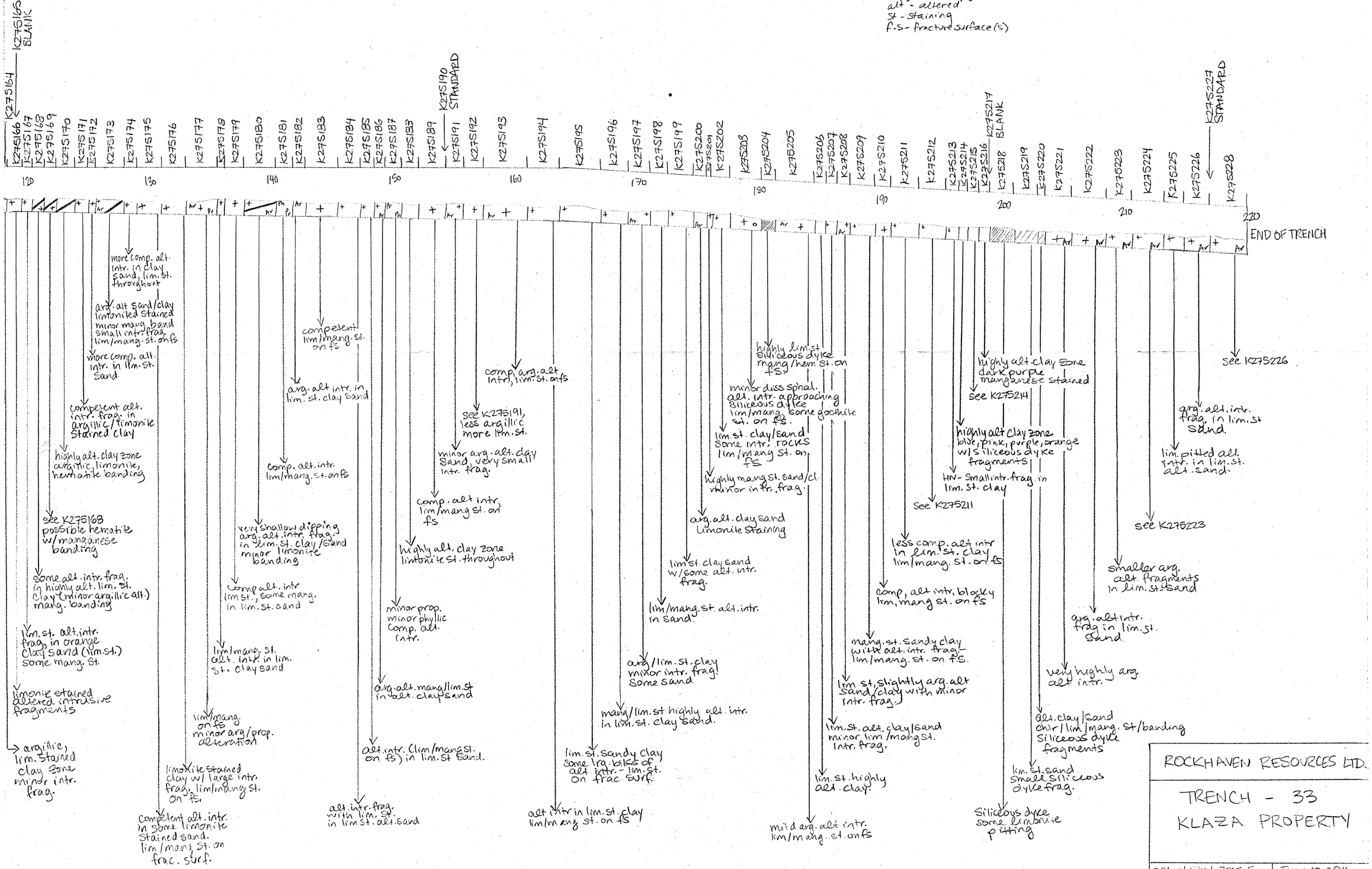


ABBREVIATIONS

lim – limonite
mang – manganese
goe – goethite
hem – hematite
phyl – phyllic
prop – propylitic
arg – argillic
diss – disseminated
sphal – sphalerite
py – pyrite
gal – galena
aspy – arsenopyrite
alt – altered
St – staining
f.s – fracture surface(s)

LEGEND

- Granodiorite
- Altered Intrusive
- Dyke
- Banding
- Ph Phyllic Alteration
- Pr Propylitic Alteration
- Ar Argillic Alteration
- Po Potassic Alteration



ROCKHAVEN RESOURCES LTD.

TRENCH - 33
KLAZA PROPERTY

DRAWN BY: LIZZIE F. | JULY 19, 2011

TRENCH 31
Klaza Property

Azm 314 ⟶

July 31 - August 1st, 2011

Mapping East to West
Sampling both WLS and floor

* overburden and bedrock is approximate due to slumping.

0 2 4 6 8 10

K2753361 K2753362 K2753363 K2753364 K2753365 K2753366 K2753367 K2753368 K2753369 K2753370 K2753371 K2753372 K2753373 K2753374 K2753375 K2753376 K2753377 BLANK K2753378 K2753379 K2753380 K2753381 K2753382 K2753383 K2753384 K2753385 K2753386 K2753387

0M 10 20 30 40 50 60 70 80 90 100

Limst. + arg alt + weakly clay alt shear zone (sugary intru frag)

sugary ⇒ small frag of limst. highly alt intrus.

Highly alt, bottle rich, limst, sugary to blocks of intrusive.

Argillic alt + clay alt sugary intrus.

See K2753364

Highly alt intrus, sugary ⇒ frag matrix, bottle rich, lim/green st.

Siliceous dyke (very fractured / fragmented) + sugary frag. dyke has green + limst clasts and is highly alt.

unmappable/ unsampable

sugary + to blocks of highly alt intrusive, bottle rich, lim/ green st.

more siliceous.

fragmented, siliceous alt intrus, lim pitted/limstained.

Argillic altered clay rich material

sugary ⇒ fragmented siliceous intrus, highly alt, green/limst, lim pitted.

same as K2753379-81 + possible clay alt.

siliceous alt intrus w/ epidote rich veins lim pitted, fragmented

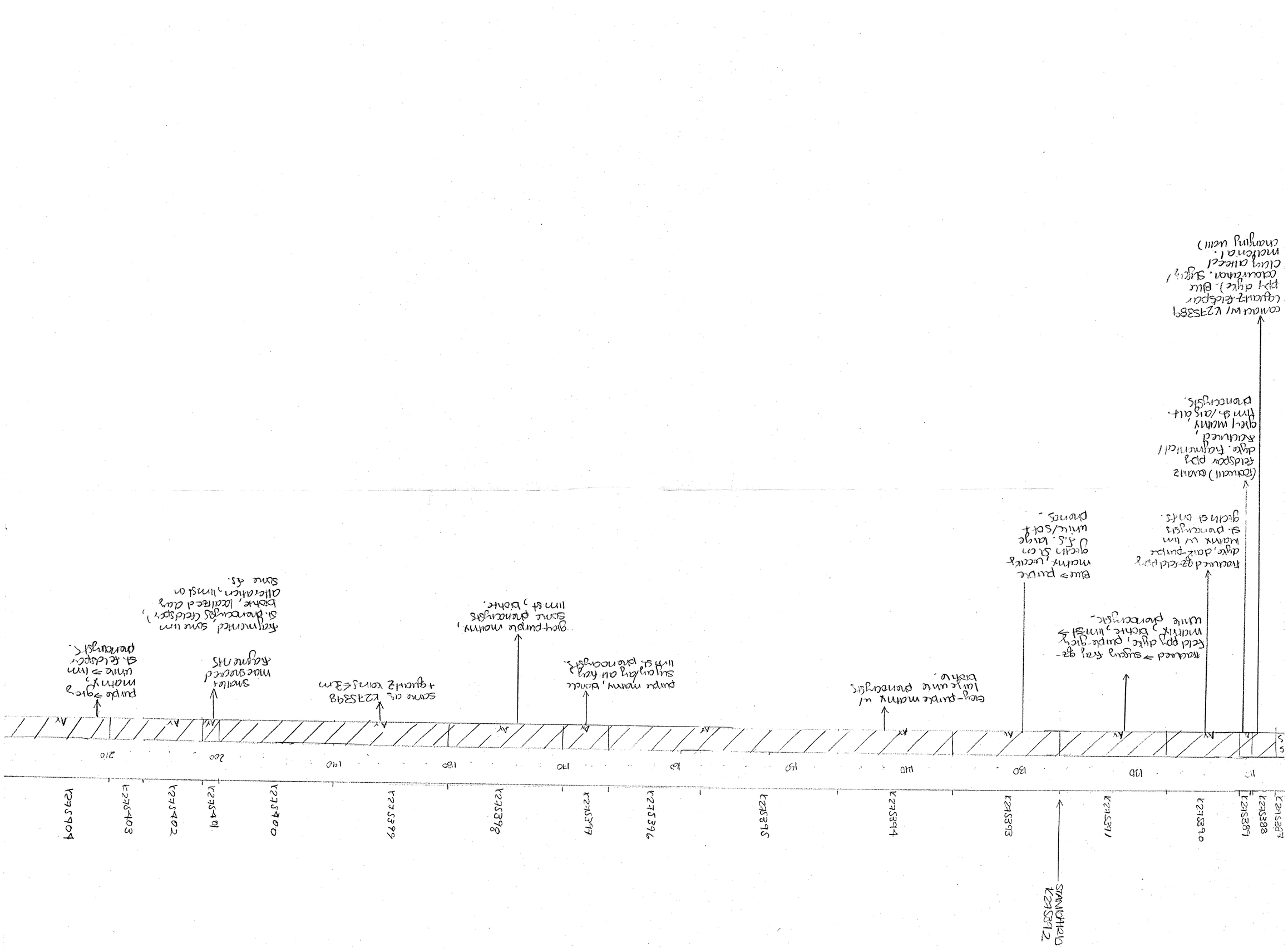
siliceous lim pitted, alt intrus + localized hematite and clay alteration.

sugary + clay alt intrusive, any small frag very siliceous

sugary intru frag.

Limst. sugary ⇒ frag of highly alt intrusive. frag green limst st/pitted.

TR-34 PAGE2


v2757904
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v2758913
v2758912
SPANNER
v2758911
v2758910
v2758909
v2758908
v2758907
110
120
130
140
150
160
170
180
190
200
210
purple => grey
mothy,
white => lion
&. leader
dreadful.
finalmented, some lion
&. dangerous tectosper,
blonde, localized drug
alleviation, limsh on
some fs.
smelled
nice glassed
against MS
same as v2757899
+ glucuk2 toins≤3m
grey-purple mothy,
same dangerous
lion sh, blonde.
purple mothy, blonde
sulcuiding oil and
link si. pale nocright.
grey-purple mothy w/
laisure protective
birth.
tracked => sugary final gz-
tetel ppd date, purple-grey
mothx) blonde, limsh =>
white photocysic.
blue => purple
mothy, lectric
qtetin si en
U.S. large
white/soft
dronos.
fractured gz-tetel ppd
date, daiz-purple
mothx w/ lion
&. dronchgas
glectin ol ons.
(toolwell) banh2
tetdspon pld
date. fragmented/
structured
qtet-l mothy,
lion &n/ais eit.
photochysis.
contact w/ v2757389
(squaring-tetdspon
ppd date). blue
colourization. Sugary/
tetel cluiel aiseel
chonging well)

STANDARD K27S405

K27S404 K27S406 K27S407 K27S408 K27S409 K27S410 K27S411 K27S412 K27S413 BLANK K27S414 K27S415 K27S416 K27S417 K27S418 K27S419 K27S420 K27S421 STANDARD K27S422 K27S423 K27S424 K27S425 K27S426 K27S427 K27S428 K27S429

220 230 240 250 260 270 280 290 300 310 320 330

PO AV AV PO S + S + S + S GRD GRD GRD + + GRD S AV

biotite, lim sl phenos + lim sl. ont.s.

same as K27S406 + possibly qz veins/ veinlets.

sec K27S406

HW

while clay vein material (or white ash) from soil.

yellow/blonde sugary qz-fld ppy dyke frag.

Yellow + white clay altered vein material + small fragments (fragments probably qz-fld ppy dyke, clay could be soil material).

Biotite, highly alt, fragmented sugary, lim sl.

fragments ⇒ fractured blocks of weakly alt GRD. lim sl sugary frag in fractures is likely.

same as K27S418 + lim staining making goethite + lim's g. ont.s.

fragments ⇒ boulders of weakly alt GRD. lim goethite st. on t.s.

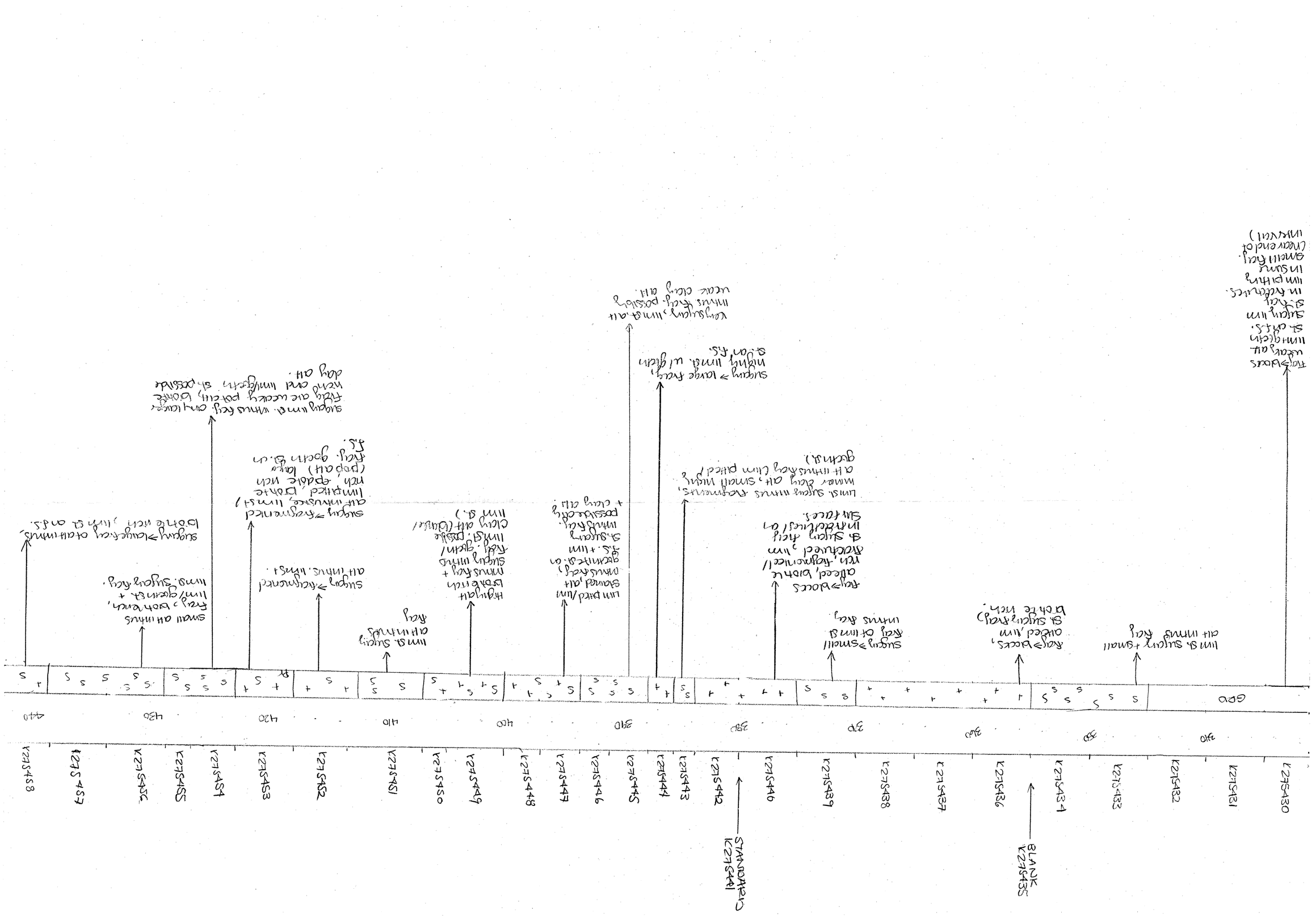
highly alt, sugary ⇒ fragmented, weakly dry alt, lim goethite st. on t.s., some large blocks.

fragments ⇒ blocks of weakly alt GRD, lim goethite st. on t.s. caused in lim sl sugary frag.

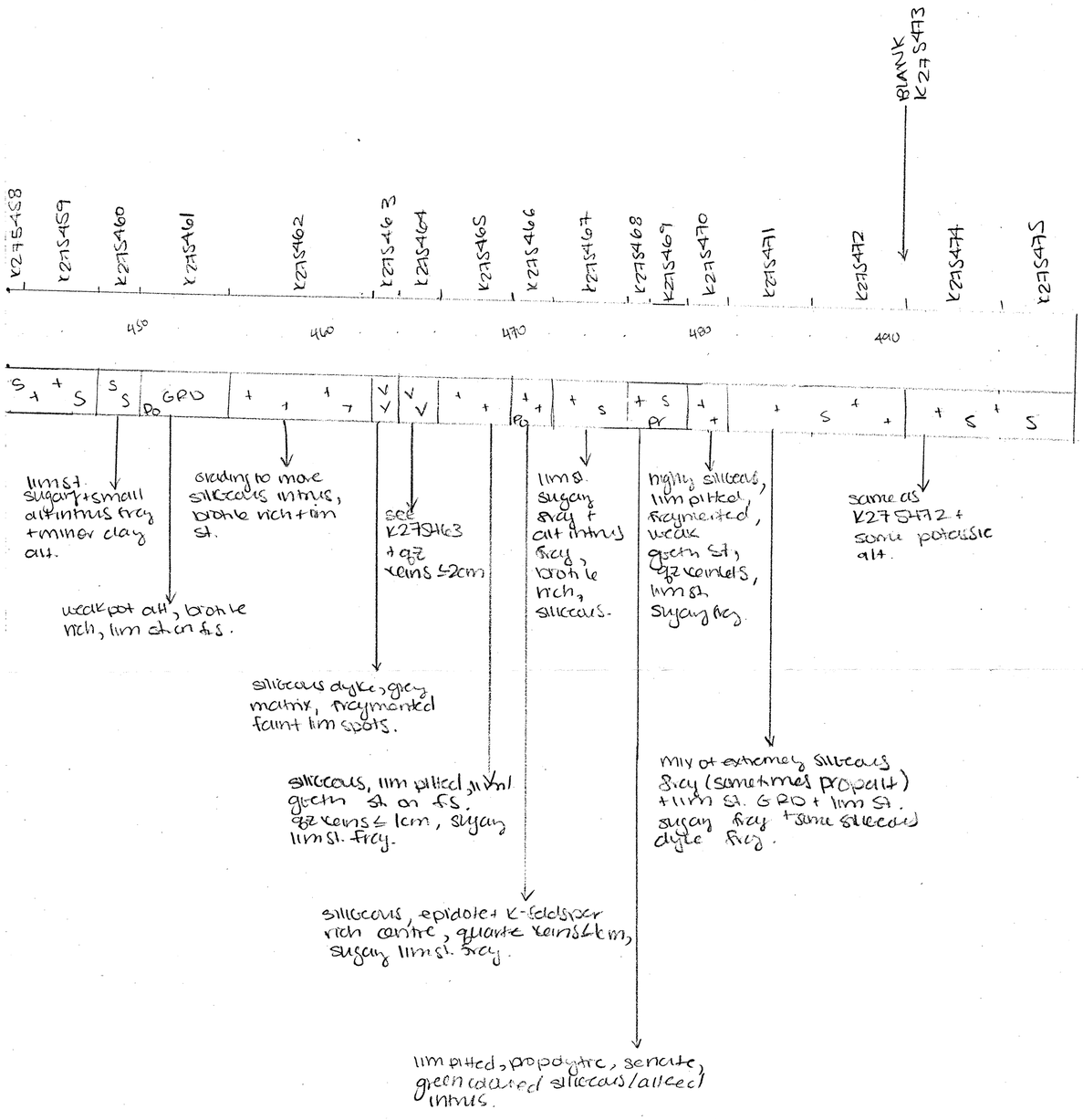
Blocks, lim st. on t.s. sugary lim sl frag in fractures.

Boulde, argillic alt sugary intrus fragments + small altered intrus frag

Bonde, ay alt sugary intrus frag + small intrus fragments.


GDO
310
320
330
340
350
360
370
380
390
400
410
420
430
K27S4301
K27S4302
K27S4303
K27S4304
K27S4305
K27S4306
K27S4307
K27S4308
K27S4309
K27S4310
K27S4311
K27S4312
K27S4313
K27S4314
K27S4315
K27S4316
K27S4317
K27S4318
STANDARD K27S4341
BLANK K27S4335
Thr⇒Does not put limit on strand length.
Sugar⇒Long linear structures. Limit length in Sugar Acid.
Asp⇒Does not put limit on Amelii Acid. (Inactivates Undecenol)
limit Sugar + small aldehyde
Asp⇒Does not put limit on Sugar Acid.
Asp⇒Does not put limit on Sugar Acid, Does not put limit on Sugar Acid.
Sugar⇒Large Acid, Highly limited. Will require Sugar Acid.
Long Sugar, limit on linkage Acid. Possible Acetate Acid.
Limit Acid/Limit Strand, put limit on Sugar Acid + Acid Possible.
Highly Extended Acid. Possible Acid. Possible Acid/Limit Sugar.
Sugar⇒Fragmented Sugar, limit Sugar Acid, Limited, Extended, Acid, Possible Acid.
Sugar⇒Acetamated Sugar, limit Sugar Acid.
Small Sugar Acid, Limit Sugar Acid.
Sugar⇒Elongated Extended Acid, Extended Acid.

TK-34 PAGE 1



LEGEND

- GRD — Granodiorite
- + / + — Altered intrusive
- V / V — siliceous dyke
- quartz-feldspar porphyry dyke
- S / S — shear zone
- Po — Potassic alteration
- Pr — Propolytic alteration
- Ar — Argillic alt.

ABBREVIATIONS

lim — limonite
goeth — goethite
manj — manganese
hem — hematite
alt — altered
frag — fragment(s)(ed)
sug — sugary
st — staining
f.s — fracture surface
qz — quartz
feld — feldspar
ppy — porphyry
pot — potassic
arg — argillic
prop — propolytic

ROCKHAVEN RESOURCES LTD.

KL-TR-11-34

drawn by: N. MARSH — Aug 2011

APPENDIX IV

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

SAMPLING METHODS AND APPROACH

This section describes the sampling methods followed during the 1986 to 1989 and 2010 to 2011 exploration programs supervised by Archer, Cathro & Associates (1981) Limited and the 1998 program conducted by BYG Natural Resources Inc. There is not sufficient information to comment on the 1980 exploration program conducted by BRX or any of the earlier work programs.

Soil samples collected in 1986 and 1998 were taken from a 1400 by 2500 m northwest trending grid that covers most of the southeastern part of the property. Soil samples were collected at 50 m intervals on lines spaced 100 m apart using two northwest trending base lines for grid control. The base lines are approximately 800 m apart and marked at 50 m intervals with one metre high wooden lath, while the sample sites on cross lines were marked with 0.5 metre lath. All lath bear aluminum tags inscribed with the grid coordinates and sample numbers. The grids were established with hip-chain and compass, but later survey control was provided by hard-chain and transit. The soil samples were taken 20 to 50 centimeters below surface from B horizon material. They were placed in pre-numbered heavy gauge paper bags. A total of 1405 soil samples were collected in 1986 and 776 in 1998.

Soil samples collected in 2010 and 2011 extended sample coverage to the west and north of the earlier grids. The samples were taken using soil augers, between 30 cm and 130 cm below surface. Soil samples were collected at 50 m intervals along lines spaced between 100 to 200 m apart. The sample sites were marked by a 0.5 m lath with orange flagging tape labelled with the sample number. Soil samples were placed into individually pre-numbered kraft paper bags.

Channel samples were collected from bulldozer and excavator trenches in several parts of the property during programs conducted between 1986 and 1989 and in 2010 and 2011. Bedrock exposed in trenches was sampled on a continuous basis. A total of 231 channel samples were collected in 1986, 227 in 1987, 247 in 1988, 13 in 1989 and 2389 in 2010. In 1987, 43 soil samples were also collected from C horizon soil along the floor of various trenches that did not reach bedrock. The collection protocol for channel samples was:

1) Trenches were excavated.
2) The walls of trenches were cleaned, where necessary, with a shovel.
3) Trenches were mapped and sample intervals marked at geological breaks or at 1 to 10 m intervals depending on the intensity of alteration and mineralization.
4) Continuous channel samples were taken along one wall of the trench, as close to the floor of the trench as slumping would allow, using a geological hammer. The chips were collected either in a tub or on a sample sheet. Sample sizes averaged approximately two kilograms per linear meter sampled for intervals containing veins and about 7 kg per sample for intervals comprised primarily of altered wallrock.
5) Samples were placed in doubled 6 mm plastic bags along with a pre-numbered sample tag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen.

A total of 107 **drill core samples** were collected in 1988, 176 were collected in 1998, and 965 were collected in 2010. During the programs drill core samples were collected using the following procedures:

1) Core was lightly washed and measured.
2) Core was geotechnically logged.
3) Core was geologically logged and sample intervals were designated. Sample intervals were set at geological boundaries, drill blocks or sharp changes in sulfide content.
4) Core recovery was calculated for each sample interval.
5) Core was split in half with either an impact core splitter or a rock saw. One-half was sent for analyses and one-half returned to the core box.
6) Samples were double bagged in 6 mm plastic bags, a sample tag was placed in each sample bag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

This section describes the sample handling procedures followed during the 1986 to 1989 and 2010 to 2011 exploration programs managed by Archer Cathro and the 1998 program conducted by BYG. The procedures followed during earlier exploration programs are not known.

During the 1986 to 1989 programs all samples were transported from the property to Whitehorse by truck, escorted by a member of the geological crew, and then shipped via Canadian Airlines or a commercial trucking company to Chemex Labs (now ALS Minerals) in North Vancouver, B.C. Soil geochemical samples were dry sieved through a -35 mesh screen and ring pulverized to approximately -100 mesh before being analyzed for gold by neutron activation and inductively coupled plasma (ICP) analyses. Channel samples were fire assayed for gold and silver. The 1988 drill core samples were also fire assayed for gold and silver.

Drill core samples collected in 1998 were shipped directly from the site by company vehicle to the laboratory operated by Little Salmon Analytical in Carmacks. That laboratory was primarily established to process samples from the former Mount Nansen mine. The samples were assayed for gold and silver. The analyses were by the one ton fire assay method.

Samples collected in 2006 were submitted to ALS Chemex in North Vancouver, B.C. Analyses were done using industry-standard fire assay and ICP techniques. The ALS Chemex (now ALS Minerals) laboratory in North Vancouver carries ISO 9001:2000 registration and is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures including fire assay Au by AA, ICP and gravimetric finish, and multi-element ICP and AA assays for Ag, Cu, Pb and Zn.

Samples collected from the 2010 and 2011 exploration programs were handled as follows. All drill core from 2010 was trucked to the Archer Cathro yard in Whitehorse for logging and splitting. Drill core from 2011 was logged and sawn or split at a processing facility of the property. All trench samples were collected and labelled at the trench. Rock chips were collected, split, and sampled at each respective drill site. Approximately 3 to 10 rock chips were

collected from each sampled interval and put into trays. The chips were later logged in the Archer Cathro office in Vancouver.

Analytical work was done by ALS Minerals with sample preparation in Whitehorse and assays and geochemical analyses in North Vancouver. All core, rock chips and trench samples were initially analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 35 other elements by inductively coupled plasma-atomic emission spectroscopy (ME-ICP41). Overlimit values for gold were determined by fire assay and gravimetric finish (Au-GRA22) and silver values were determined using Ag-OG46. Later sample pulps from mineralized intervals of drill core from 2011 were reanalyzed for lead and zinc as well as 46 other elements using four acid digestion followed by inductively coupled plasma-atomic emission spectrometry (ME-MS61). Overlimit values for silver, lead and zinc were determined by inductively coupled plasma -- atomic emission spectroscopy (Ag/Pb/Zn-OG62).

APPENDIX V

CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2011
Account: ROCKHA

CERTIFICATE WH11104264

Project: Klaza TR- 22

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 10- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11104264

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273001		1.29	0.055	1.4	0.73	132	<10	1250	0.9	7	0.24	7.8	13	2	320	3.28
K273002		4.42	0.014	0.6	1.07	21	<10	200	0.9	2	0.27	5.2	8	2	73	2.05
K273003		2.44	0.008	0.2	0.79	23	<10	650	0.9	2	1.29	4.7	7	3	51	2.36
K273004		5.82	0.006	0.2	0.92	52	<10	2100	1.0	3	1.09	4.2	9	4	57	2.28
K273005		1.76	0.066	3.4	0.78	125	<10	1300	0.8	9	0.25	5.6	7	2	284	3.86
K273006		3.77	0.086	2.0	0.62	167	<10	610	<0.5	12	0.10	1.1	2	1	235	4.48
K273007		7.44	0.147	1.3	0.67	99	<10	390	<0.5	7	0.16	1.3	6	3	167	3.57
K273008		5.87	0.074	1.7	0.63	174	<10	1340	0.6	8	0.16	6.6	19	1	399	3.62
K273009		3.20	0.101	2.2	0.57	186	<10	1670	0.5	9	0.13	4.4	9	1	458	3.24
K273010		0.90	0.051	1.0	0.82	83	<10	720	0.9	4	0.18	6.5	13	2	264	2.82
K273011		6.17	2.46	23.7	0.39	278	<10	440	<0.5	29	0.05	1.9	1	1	78	2.54
K273012		1.84	0.006	<0.2	0.05	2	<10	10	<0.5	2	19.9	<0.5	<1	<1	2	0.45
K273013		1.49	0.580	11.3	0.61	446	<10	390	<0.5	19	0.18	5.3	2	1	257	4.74
K273014		5.90	0.273	3.4	0.73	151	<10	750	0.8	10	0.17	9.9	10	2	324	3.77
K273015		1.97	0.937	2.6	0.73	149	<10	750	0.6	20	0.11	3.5	7	1	198	3.77
K273016		1.84	0.732	16.6	0.37	174	<10	390	<0.5	29	0.10	1.7	1	1	47	3.10
K273017		2.42	0.252	5.0	0.80	84	<10	210	0.9	9	0.12	6.1	11	2	309	5.86
K273018		2.77	0.083	1.4	1.16	69	<10	220	0.9	3	0.18	3.8	5	3	213	4.42
K273019		3.52	0.051	0.8	1.00	35	<10	380	0.8	2	0.21	16.0	9	3	54	2.74
K273020		1.99	0.099	0.5	0.73	32	<10	440	0.9	4	0.22	37.0	11	2	63	2.93
K273021		3.21	2.46	21.7	0.66	412	<10	510	0.7	18	0.14	39.2	4	1	346	5.52
K273022		0.12	1.675	31.3	4.87	146	<10	50	<0.5	13	4.58	31.8	84	56	7040	8.18
K273023		2.12	0.180	1.4	0.78	67	<10	1410	1.1	3	0.26	26.9	11	2	102	3.82
K273024		2.90	1.040	3.7	0.67	231	<10	700	0.7	8	0.15	15.8	11	2	134	5.55
K273025		2.60	1.035	2.7	0.60	172	<10	880	0.6	6	0.23	11.0	7	2	112	4.00
K273026		2.70	0.054	0.7	1.48	28	<10	230	0.8	3	0.28	5.1	5	4	23	2.71
K273027		2.26	0.030	0.3	1.65	16	<10	300	0.9	<2	0.32	3.4	5	4	13	2.94
K273028		2.25	0.049	0.4	1.66	22	<10	470	0.8	2	0.34	2.5	8	4	20	3.17
K273029		1.69	0.081	0.9	1.34	38	<10	330	0.5	4	0.28	2.4	7	5	56	3.14
K273030		2.50	0.086	2.2	1.34	49	<10	560	0.8	7	0.28	4.1	8	5	274	3.59
K273031		2.96	0.188	2.2	1.07	81	<10	440	0.7	8	0.24	5.2	14	4	133	3.63
K273032		2.83	0.114	1.6	1.22	70	<10	730	1.0	6	0.24	20.3	24	4	118	4.15
K273033		4.45	0.240	8.3	0.47	163	<10	160	<0.5	13	0.06	0.9	1	1	73	2.19
K273034		1.91	0.591	10.6	0.55	400	<10	460	<0.5	16	0.08	2.2	1	1	145	4.15
K273035		2.47	0.108	1.3	0.79	72	<10	1970	0.8	3	0.24	5.6	10	4	85	3.71
K273036		1.18	0.114	1.0	1.02	53	<10	630	0.7	2	0.55	2.5	9	5	48	3.84

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11104264

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273001		<10	1	0.30	30	0.06	991	3	<0.01	4	700	58	0.24	16	4	25
K273002		<10	<1	0.19	20	0.07	694	2	<0.01	2	590	16	0.02	4	7	17
K273003		<10	1	0.28	30	0.08	943	1	<0.01	4	1180	22	0.02	4	3	45
K273004		<10	<1	0.30	30	0.08	1175	1	<0.01	5	1170	15	0.07	6	4	56
K273005		<10	1	0.32	20	0.05	854	3	<0.01	4	800	335	0.17	29	3	57
K273006		<10	1	0.41	20	0.04	116	1	0.01	2	480	113	0.36	26	2	27
K273007		<10	1	0.26	20	0.08	300	3	0.01	1	620	40	0.10	23	3	16
K273008		<10	1	0.33	30	0.03	1075	3	<0.01	4	570	72	0.11	47	4	15
K273009		<10	1	0.33	30	0.04	675	2	<0.01	2	560	92	0.08	59	3	21
K273010		<10	1	0.38	30	0.06	1050	2	<0.01	2	630	41	0.10	22	3	14
K273011		<10	1	0.52	20	0.03	103	2	<0.01	<1	180	388	0.54	40	1	32
K273012		<10	<1	0.03	<10	12.25	202	<1	0.01	2	190	<2	0.07	2	<1	48
K273013		<10	1	0.56	20	0.05	394	2	0.01	2	710	1190	0.59	38	2	39
K273014		<10	1	0.40	30	0.06	971	2	<0.01	2	660	235	0.26	19	3	25
K273015		<10	<1	0.44	30	0.04	306	1	<0.01	1	550	90	0.26	16	4	36
K273016		<10	1	0.40	20	0.03	86	<1	<0.01	<1	210	335	0.45	6	1	43
K273017		<10	<1	0.48	30	0.04	1015	<1	<0.01	2	700	269	0.21	6	4	27
K273018		<10	1	0.34	20	0.15	453	1	0.01	2	640	145	0.13	5	6	21
K273019		<10	1	0.35	20	0.07	1790	2	0.02	2	550	85	0.12	2	5	13
K273020		<10	1	0.31	30	0.07	5680	2	0.01	3	580	42	0.14	2	5	20
K273021		<10	1	0.50	20	0.03	3430	1	0.01	1	520	3120	0.52	22	3	29
K273022		10	1	0.25	10	1.14	608	44	0.33	315	660	8110	7.39	27	4	76
K273023		<10	<1	0.34	40	0.04	3570	<1	<0.01	3	660	223	0.20	3	5	25
K273024		<10	1	0.47	30	0.04	3080	2	<0.01	2	560	275	0.48	25	3	29
K273025		<10	1	0.37	20	0.04	1825	2	<0.01	2	560	171	0.16	30	4	22
K273026		10	<1	0.29	20	0.34	925	1	0.01	2	650	40	0.02	4	6	14
K273027		10	<1	0.23	20	0.47	604	1	0.02	1	560	27	0.02	<2	5	22
K273028		10	<1	0.23	20	0.51	698	1	0.02	2	630	24	0.02	3	6	19
K273029		10	1	0.22	20	0.58	686	1	0.04	2	600	37	0.06	4	6	19
K273030		10	1	0.25	30	0.39	914	1	0.01	3	640	71	0.05	10	7	18
K273031		<10	<1	0.32	30	0.31	860	1	0.02	2	640	158	0.16	6	4	15
K273032		<10	<1	0.32	30	0.21	5820	1	0.02	4	660	119	0.17	10	6	19
K273033		<10	<1	0.41	20	0.03	99	1	<0.01	1	170	160	0.21	26	1	36
K273034		<10	1	0.50	20	0.03	149	1	<0.01	<1	290	238	0.35	30	2	28
K273035		<10	1	0.21	20	0.04	1385	1	<0.01	3	630	78	0.14	19	8	34
K273036		<10	1	0.26	30	0.10	1085	1	0.01	3	620	60	0.07	6	8	19

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11104264

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273001		<20	<0.01	<10	<10	16	<10	585
K273002		<20	<0.01	<10	<10	29	<10	339
K273003		<20	<0.01	<10	<10	20	<10	372
K273004		<20	<0.01	<10	<10	22	<10	287
K273005		<20	<0.01	<10	<10	15	<10	510
K273006		<20	<0.01	<10	<10	13	<10	267
K273007		<20	<0.01	<10	<10	21	<10	174
K273008		<20	<0.01	<10	<10	14	<10	464
K273009		<20	<0.01	<10	<10	11	<10	461
K273010		<20	<0.01	<10	<10	15	<10	590
K273011		<20	<0.01	<10	<10	6	<10	184
K273012		<20	<0.01	<10	20	1	<10	16
K273013		<20	<0.01	<10	<10	13	<10	795
K273014		20	<0.01	<10	<10	17	<10	817
K273015		<20	<0.01	<10	<10	20	<10	444
K273016		<20	<0.01	<10	<10	6	<10	226
K273017		<20	<0.01	<10	<10	25	<10	932
K273018		<20	<0.01	<10	<10	29	<10	637
K273019		20	<0.01	<10	<10	25	<10	864
K273020		<20	<0.01	<10	<10	25	<10	2210
K273021		<20	<0.01	<10	<10	14	<10	1860
K273022		<20	0.06	<10	<10	319	10	7260
K273023		20	<0.01	<10	<10	24	<10	1700
K273024		<20	<0.01	<10	<10	16	<10	1230
K273025		<20	<0.01	<10	<10	18	<10	804
K273026		<20	<0.01	<10	<10	33	<10	439
K273027		<20	<0.01	<10	<10	36	<10	314
K273028		<20	0.01	<10	<10	39	<10	245
K273029		<20	0.01	<10	<10	40	<10	222
K273030		<20	<0.01	<10	<10	38	<10	389
K273031		<20	<0.01	<10	<10	29	<10	582
K273032		<20	<0.01	<10	<10	37	<10	1190
K273033		<20	<0.01	<10	<10	8	<10	195
K273034		<20	<0.01	<10	<10	11	<10	480
K273035		<20	<0.01	<10	<10	39	<10	661
K273036		<20	0.01	<10	<10	39	<10	257

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUN- 2011
Account: ROCKHA

CERTIFICATE WH11104265

Project: Klaza TR- 22

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 10- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 24- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11104265

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273037		2.59	0.045	0.5	1.19	14	<10	250	0.8	<2	0.33	2.1	9	6	17	2.90
K273038		3.04	0.019	0.3	1.22	17	<10	230	0.8	<2	0.38	2.3	8	6	20	2.96
K273039		1.83	0.032	0.5	1.04	22	<10	430	0.8	<2	0.34	3.5	10	6	24	3.47
K273040		2.17	0.044	0.8	1.32	33	<10	590	0.6	<2	0.47	2.1	10	8	30	3.27
K273041		4.17	0.079	0.7	1.10	32	<10	530	0.6	<2	0.39	2.8	10	7	37	3.34
K273042		2.87	0.069	3.4	1.22	74	<10	310	0.9	7	0.27	5.7	10	7	154	4.01
K273043		4.14	0.148	7.0	0.68	209	<10	430	0.9	11	0.13	5.0	5	3	232	5.09
K273044		5.05	0.151	1.9	0.73	76	<10	1100	0.8	3	0.14	5.7	8	5	113	4.25
K273045		3.55	0.089	4.1	0.82	121	<10	1110	0.9	15	0.14	6.8	12	5	341	4.32
K273046		3.28	0.382	5.7	0.65	209	<10	630	0.8	11	0.10	9.9	12	6	224	4.62
K273047		4.14	0.101	7.1	1.11	268	<10	350	1.6	16	0.18	26.7	22	107	308	10.25
K273048		1.49	0.096	7.0	0.71	292	<10	270	1.0	52	0.11	13.7	15	46	505	6.68
K273049		2.38	0.179	11.3	0.63	272	10	670	0.5	96	0.07	4.4	5	27	381	6.13
K273050		2.02	0.060	7.5	0.78	181	10	540	0.8	37	0.10	15.6	18	31	171	6.98
K273051		3.15	0.061	4.1	0.98	168	<10	520	1.2	15	0.14	50.8	26	50	315	7.10
K273052		9.28	0.120	2.6	0.88	111	<10	1590	0.8	19	0.12	12.9	11	12	276	4.70
K273053		3.43	0.078	2.8	0.90	113	<10	580	0.7	20	0.11	14.6	16	17	340	4.98
K273054		4.42	0.055	1.8	0.81	63	<10	1720	0.7	10	0.16	9.6	11	7	164	4.10
K273055		1.99	0.048	2.2	0.80	73	<10	1440	0.7	13	0.14	9.0	11	5	186	3.68
K273056		2.12	0.060	2.4	0.81	83	<10	620	0.8	14	0.20	14.2	14	5	240	3.61
K273057		3.92	0.046	2.2	0.76	63	<10	1350	1.0	8	0.24	13.1	12	4	152	2.87
K273058		2.32	0.140	3.2	0.61	148	<10	1730	1.1	8	0.12	9.6	11	3	310	3.98
K273059		3.54	0.022	0.6	0.78	51	<10	290	0.9	3	0.21	7.5	9	4	85	3.15
K273060		2.43	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	18.7	<0.5	1	7	3	0.41
K273061		4.12	0.076	1.5	0.85	76	<10	1440	0.8	23	0.25	5.9	13	6	340	4.66
K273062		0.13	1.475	33.3	4.98	150	10	60	<0.5	12	4.42	33.4	84	58	7000	8.32
K273063		3.59	0.062	2.5	0.82	134	<10	1350	0.8	39	0.16	5.5	16	6	583	4.61
K273064		2.53	0.058	2.3	1.42	37	<10	1160	0.8	23	0.30	2.6	9	6	259	3.55
K273065		4.10	0.073	1.2	0.97	73	<10	790	0.7	10	0.21	3.3	10	6	222	4.12
K273066		4.70	0.255	1.3	0.90	52	<10	500	0.5	4	0.24	2.5	8	11	97	3.15
K273067		3.03	0.032	0.7	1.02	25	<10	620	<0.5	2	0.29	1.7	7	9	45	2.73
K273068		4.11	0.145	1.0	1.19	44	<10	360	0.5	5	0.32	1.6	8	14	78	3.24
K273069		2.57	0.030	0.8	1.04	33	<10	340	<0.5	3	0.28	1.2	7	12	56	2.70
K273070		3.65	0.290	2.4	0.90	171	<10	470	0.6	4	0.14	2.3	7	7	74	3.63
K273071		3.67	0.077	3.1	0.81	123	<10	440	0.5	5	0.12	1.8	6	7	101	3.57
K273072		5.30	0.068	3.1	0.78	77	<10	500	<0.5	4	0.15	2.0	8	8	60	2.67

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11104265

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273037		10	1	0.14	30	0.28	750	<1	0.01	3	700	28	0.01	4	8	14
K273038		<10	1	0.13	30	0.24	905	<1	0.01	2	700	24	<0.01	4	9	16
K273039		<10	<1	0.16	30	0.08	1350	<1	0.01	2	870	31	0.01	5	10	14
K273040		10	1	0.17	20	0.46	794	<1	0.04	3	650	43	0.06	5	7	29
K273041		<10	1	0.19	20	0.33	1005	<1	0.04	2	670	46	0.06	6	7	25
K273042		<10	1	0.25	30	0.25	1240	<1	0.01	3	640	103	0.03	24	7	15
K273043		<10	<1	0.41	30	0.04	322	1	0.01	1	460	328	0.25	33	4	30
K273044		<10	1	0.23	20	0.05	988	<1	0.01	3	550	123	0.10	20	7	25
K273045		<10	1	0.26	20	0.03	1085	1	<0.01	3	600	136	0.12	100	6	32
K273046		<10	1	0.30	20	0.03	1225	1	0.01	3	560	191	0.12	50	4	24
K273047		<10	1	0.31	10	0.19	2700	2	0.01	63	710	404	0.34	43	14	15
K273048		<10	1	0.32	10	0.04	1500	1	0.01	20	590	424	0.07	162	6	19
K273049		<10	1	0.29	10	0.03	219	1	0.01	11	450	790	0.08	133	4	16
K273050		<10	1	0.36	20	0.04	2030	<1	0.01	17	650	550	0.08	22	5	16
K273051		<10	1	0.33	20	0.05	5070	<1	0.01	41	710	484	0.16	50	7	17
K273052		<10	1	0.26	20	0.04	1090	1	0.01	13	590	174	0.14	72	7	32
K273053		<10	1	0.24	20	0.04	1205	1	0.01	14	580	191	0.09	91	7	20
K273054		<10	1	0.23	20	0.05	1215	1	0.01	5	610	93	0.10	40	7	30
K273055		<10	1	0.29	20	0.04	1255	<1	0.01	4	630	102	0.08	44	6	21
K273056		<10	<1	0.33	30	0.05	1740	<1	0.01	5	730	114	0.08	36	5	24
K273057		<10	1	0.32	20	0.05	2000	1	0.01	5	760	100	0.06	26	5	32
K273058		<10	<1	0.24	20	0.04	1190	4	<0.01	4	470	152	0.18	41	4	22
K273059		<10	<1	0.29	30	0.04	1595	<1	0.01	2	600	55	<0.01	17	7	19
K273060		<10	<1	0.02	10	11.85	186	<1	0.01	5	270	<2	<0.01	<2	<1	54
K273061		<10	1	0.22	20	0.11	1845	<1	0.01	3	630	48	0.06	70	7	29
K273062		10	2	0.24	10	1.17	653	51	0.34	312	710	8250	7.46	31	4	82
K273063		<10	<1	0.21	20	0.05	1785	<1	0.01	4	630	54	0.08	90	7	21
K273064		<10	1	0.19	20	0.29	781	<1	0.01	3	720	40	0.04	21	7	22
K273065		<10	<1	0.23	20	0.13	952	1	0.01	3	670	37	0.06	26	7	20
K273066		<10	<1	0.21	20	0.17	805	<1	0.02	5	600	57	0.04	17	5	23
K273067		<10	<1	0.16	20	0.33	623	<1	0.04	3	590	27	0.04	8	6	27
K273068		<10	1	0.22	20	0.35	605	<1	0.05	6	610	52	0.04	9	5	29
K273069		<10	1	0.17	20	0.32	521	<1	0.04	5	560	40	0.02	7	5	26
K273070		<10	1	0.28	20	0.11	604	2	0.01	1	480	119	0.09	10	5	23
K273071		<10	1	0.35	20	0.09	552	1	0.02	2	540	169	0.22	11	4	34
K273072		<10	<1	0.25	20	0.15	641	1	0.02	3	470	120	0.08	6	3	22

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11104265

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273037		<20	0.01	<10	<10	45	<10	189
K273038		<20	0.01	<10	<10	45	<10	154
K273039		20	0.01	<10	<10	48	<10	226
K273040		<20	0.02	<10	<10	48	<10	235
K273041		<20	0.01	<10	<10	46	<10	250
K273042		<20	0.01	<10	<10	40	<10	546
K273043		<20	<0.01	<10	<10	20	<10	864
K273044		<20	<0.01	<10	<10	33	<10	586
K273045		<20	<0.01	<10	<10	30	<10	654
K273046		<20	<0.01	<10	<10	25	<10	996
K273047		<20	<0.01	<10	<10	80	<10	2390
K273048		<20	<0.01	<10	<10	37	<10	1495
K273049		<20	<0.01	<10	<10	30	<10	1325
K273050		<20	<0.01	<10	<10	37	<10	1810
K273051		<20	<0.01	<10	<10	53	<10	2650
K273052		<20	<0.01	<10	<10	33	<10	887
K273053		<20	<0.01	<10	<10	37	<10	980
K273054		<20	<0.01	<10	<10	32	<10	677
K273055		<20	<0.01	<10	<10	26	<10	568
K273056		<20	<0.01	<10	<10	19	<10	555
K273057		<20	<0.01	<10	<10	12	<10	522
K273058		<20	<0.01	<10	<10	13	<10	628
K273059		<20	<0.01	<10	<10	23	<10	464
K273060		<20	<0.01	<10	<10	2	<10	14
K273061		<20	<0.01	<10	<10	35	<10	413
K273062		<20	0.06	<10	<10	320	10	7790
K273063		<20	<0.01	<10	<10	41	<10	443
K273064		<20	0.01	<10	<10	39	<10	234
K273065		<20	0.01	<10	<10	36	<10	268
K273066		<20	0.02	<10	<10	36	<10	269
K273067		<20	0.04	<10	<10	43	<10	140
K273068		<20	0.04	<10	<10	42	<10	180
K273069		<20	0.04	<10	<10	41	<10	150
K273070		<20	0.01	<10	<10	30	<10	459
K273071		<20	0.01	<10	<10	26	<10	422
K273072		<20	0.01	<10	<10	24	<10	333

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Finalized Date: 29- JUN- 2011
Account: ROCKHA

CERTIFICATE WH11108710

Project: Klaza TR- 22

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108710

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273145		2.09	0.010	0.2	1.13	37	<10	1200	0.8	<2	0.61	3.5	4	12	7	2.32
K273146		1.94	0.013	0.6	1.31	28	<10	740	1.4	<2	0.43	23.4	17	13	90	2.90
K273147		2.71	0.034	1.5	0.65	82	<10	240	0.7	2	0.21	8.5	8	3	28	3.32
K273148		2.89	0.029	1.8	0.90	47	<10	670	1.1	3	0.32	7.4	12	7	23	3.41
K273149		3.24	0.077	2.8	0.90	160	<10	1010	0.9	6	0.32	5.5	7	10	91	3.24
K273150		3.09	0.056	2.8	0.52	157	<10	380	<0.5	4	0.07	2.1	1	4	21	3.01
K273151		1.70	0.061	0.9	1.04	64	<10	230	0.9	4	0.19	19.0	24	3	96	4.27
K273152		3.98	0.110	3.1	0.65	323	<10	300	<0.5	6	0.16	1.6	1	3	55	5.91
K273153		1.59	0.249	9.7	0.32	140	<10	130	<0.5	14	0.06	14.0	7	11	38	3.00
K273154		3.07	0.266	8.7	0.48	238	<10	190	<0.5	17	0.09	6.6	2	4	25	4.27
K273155		4.11	0.012	0.3	1.21	31	<10	510	0.9	<2	0.24	32.6	11	8	148	3.18
K273156		3.88	0.013	0.5	0.90	29	<10	1460	0.8	<2	0.26	68.0	15	8	57	3.15
K273157		2.65	0.121	5.9	0.84	197	<10	170	<0.5	11	0.16	7.6	<1	5	41	3.18
K273158		2.05	0.311	15.1	0.45	154	<10	190	<0.5	24	0.04	1.4	<1	3	21	2.77
K273159		2.65	0.185	2.2	0.83	326	<10	150	<0.5	2	0.22	4.3	<1	3	67	5.92
K273160		4.72	0.138	6.0	0.78	164	<10	180	<0.5	9	0.14	1.2	<1	3	71	3.56
K273161		1.03	<0.005	<0.2	0.04	2	<10	<10	<0.5	<2	19.8	<0.5	1	<1	1	0.47
K273162		3.22	0.031	1.1	1.01	56	<10	600	<0.5	4	0.16	3.4	<1	5	142	2.68
K273163		2.82	0.037	1.3	1.08	34	<10	270	<0.5	3	0.18	4.9	3	5	140	2.86
K273164		1.65	0.044	1.6	1.30	50	<10	240	0.5	4	0.37	3.9	4	7	114	3.71
K273165		2.07	0.089	2.2	1.14	54	<10	750	<0.5	6	0.17	6.1	1	5	149	3.38
K273166		2.89	0.052	1.8	1.04	64	<10	680	<0.5	5	0.14	4.5	1	5	151	2.67
K273167		0.13	1.710	32.4	4.60	139	<10	40	<0.5	22	4.54	31.0	81	55	6590	8.08
K273168		1.58	0.120	3.7	0.78	148	<10	520	<0.5	7	0.15	6.4	4	7	293	3.66
K273169		3.54	0.033	1.6	1.42	48	<10	590	<0.5	5	0.23	4.5	2	5	110	3.20
K273170		2.82	0.151	3.2	1.04	133	<10	240	<0.5	5	0.17	2.4	1	3	60	4.58
K273171		4.50	0.052	2.2	1.08	109	<10	1160	1.0	3	0.16	22.1	12	5	161	3.53
K273172		2.59	2.42	>100	0.64	1065	<10	150	0.6	1120	0.12	16.5	3	2	1650	7.93
K273173		4.07	0.510	31.5	0.69	504	<10	150	0.5	86	0.16	4.1	2	3	347	5.46
K273174		3.51	0.038	2.6	0.85	168	<10	660	0.8	8	0.18	22.6	17	3	174	3.22
K273175		3.09	0.017	0.4	1.25	34	<10	280	0.8	2	0.24	11.6	13	5	18	3.43
K273176		2.03	0.027	0.6	1.00	42	<10	890	1.0	3	0.26	18.4	11	4	11	3.97
K273177		3.65	0.050	1.0	1.34	79	<10	370	1.0	2	0.29	15.7	10	5	55	3.82
K273178		2.61	0.137	3.5	0.78	173	<10	670	0.9	8	0.23	28.9	8	3	137	4.56
K273179		2.64	0.012	0.2	1.43	12	<10	520	0.9	2	0.60	17.5	11	5	29	3.05
K273180		3.10	0.022	0.6	0.92	37	<10	1130	0.6	3	0.23	2.7	10	3	23	3.19

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108710

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273145		<10	<1	0.38	10	0.06	1380	2	0.03	10	560	21	0.06	2	5	32
K273146		<10	<1	0.43	10	0.07	3510	12	0.02	23	490	104	0.04	4	5	31
K273147		<10	<1	0.37	20	0.04	2000	4	0.02	5	590	202	0.41	5	5	16
K273148		<10	1	0.36	20	0.06	1510	3	0.02	10	630	287	0.11	4	6	22
K273149		<10	1	0.34	10	0.06	1150	5	0.02	14	530	198	0.15	17	5	30
K273150		<10	1	0.43	20	0.03	209	11	0.02	1	230	518	0.33	14	2	14
K273151		<10	<1	0.39	20	0.04	1770	2	0.02	3	780	57	0.21	5	6	15
K273152		<10	1	0.73	20	0.05	417	6	0.02	<1	510	275	1.01	7	3	32
K273153		<10	<1	0.19	<10	0.02	1770	24	0.01	4	180	328	0.88	8	1	19
K273154		<10	1	0.67	10	0.03	2220	18	0.02	1	310	562	1.12	8	2	29
K273155		<10	1	0.10	10	0.03	2670	1	0.02	5	700	28	0.06	3	7	29
K273156		<10	<1	0.19	10	0.05	5760	3	0.02	10	540	42	0.06	6	5	37
K273157		<10	1	0.69	10	0.04	111	5	0.02	2	310	417	0.87	22	2	90
K273158		<10	<1	0.72	10	0.02	101	1	0.02	<1	190	639	0.89	13	1	35
K273159		<10	1	0.99	20	0.05	144	2	0.02	<1	820	343	1.44	8	4	42
K273160		<10	<1	0.76	20	0.04	57	2	0.02	1	380	277	1.01	10	3	33
K273161		<10	<1	0.02	<10	12.20	203	<1	0.02	1	170	<2	0.03	2	<1	43
K273162		<10	1	0.28	20	0.05	80	1	0.01	1	800	99	0.20	5	5	21
K273163		<10	<1	0.22	10	0.17	190	1	0.04	1	420	72	0.07	13	5	16
K273164		10	<1	0.24	10	0.66	310	2	0.07	2	680	106	0.17	4	7	34
K273165		<10	1	0.32	10	0.27	190	3	0.02	3	520	157	0.16	4	5	20
K273166		<10	<1	0.35	20	0.04	100	3	0.01	1	570	140	0.28	8	5	25
K273167		<10	1	0.23	10	1.13	594	48	0.34	309	650	7780	7.04	22	4	73
K273168		<10	1	0.47	30	0.05	160	14	0.02	3	610	269	0.49	7	3	31
K273169		<10	1	0.31	10	0.24	132	1	0.02	<1	840	158	0.26	3	4	24
K273170		<10	1	0.72	20	0.08	90	9	0.02	1	550	374	1.11	9	4	47
K273171		<10	1	0.25	20	0.03	1190	9	0.01	3	570	194	0.13	18	8	27
K273172		<10	5	0.39	20	0.03	769	17	0.01	2	440	1250	0.34	378	3	16
K273173		<10	4	0.54	20	0.04	156	10	0.01	1	420	256	0.64	205	3	31
K273174		<10	<1	0.34	30	0.04	2050	6	0.01	3	490	102	0.11	12	6	19
K273175		<10	<1	0.19	20	0.09	698	2	0.01	2	610	13	0.02	4	10	11
K273176		<10	<1	0.29	40	0.06	1355	4	0.02	3	710	32	0.09	3	8	15
K273177		<10	<1	0.28	30	0.21	2500	2	0.01	2	630	92	0.07	2	7	16
K273178		<10	1	0.36	30	0.06	3260	3	0.01	2	650	396	0.13	3	6	22
K273179		<10	<1	0.23	30	0.20	1540	1	0.02	4	650	16	0.09	2	8	23
K273180		<10	<1	0.32	20	0.04	1765	2	0.01	3	540	42	0.22	2	6	20

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VANCOUVER BC V6B 1L8

Finalized Date: 29- JUN- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108710

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K273145		<20	<0.01	<10	<10	30	<10	282	
K273146		<20	<0.01	<10	<10	25	<10	910	
K273147		<20	<0.01	<10	<10	17	<10	734	
K273148		<20	<0.01	<10	<10	28	<10	938	
K273149		<20	<0.01	<10	<10	24	<10	705	
K273150		<20	<0.01	<10	<10	11	<10	429	
K273151		<20	<0.01	<10	10	21	<10	1050	
K273152		<20	<0.01	<10	<10	20	<10	524	
K273153		<20	<0.01	<10	<10	8	<10	319	
K273154		<20	<0.01	<10	<10	10	<10	190	
K273155		<20	<0.01	<10	<10	36	<10	1235	
K273156		<20	<0.01	<10	<10	27	<10	2180	
K273157		<20	<0.01	<10	<10	13	<10	218	
K273158		<20	<0.01	<10	<10	9	<10	55	
K273159		<20	<0.01	<10	<10	21	<10	380	
K273160		<20	<0.01	<10	<10	15	<10	103	
K273161		<20	<0.01	<10	<10	1	<10	18	
K273162		<20	<0.01	<10	<10	36	<10	196	
K273163		<20	<0.01	<10	<10	41	<10	503	
K273164		<20	0.02	<10	<10	50	<10	350	
K273165		<20	<0.01	<10	<10	32	<10	424	
K273166		<20	<0.01	<10	<10	29	<10	218	
K273167		<20	0.06	<10	10	311	30	7160	
K273168		<20	<0.01	<10	<10	22	<10	340	
K273169		<20	<0.01	<10	<10	32	<10	223	
K273170		<20	<0.01	<10	<10	23	<10	236	
K273171		<20	<0.01	<10	<10	34	<10	947	
K273172		<20	<0.01	<10	10	20	<10	806	254
K273173		<20	<0.01	<10	<10	18	<10	448	
K273174		<20	<0.01	<10	<10	23	<10	718	
K273175		20	<0.01	<10	<10	35	<10	480	
K273176		<20	<0.01	<10	<10	32	<10	767	
K273177		<20	<0.01	<10	<10	33	<10	1080	
K273178		<20	<0.01	<10	<10	20	10	1635	
K273179		<20	<0.01	<10	<10	39	<10	1375	
K273180		<20	<0.01	<10	<10	27	<10	732	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11108712

Project: Klaza TR- 22

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108712

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273109		2.85	0.023	0.6	1.54	36	<10	420	0.5	4	0.32	2.2	7	9	112	3.07
K273110		3.11	0.033	1.0	1.27	54	<10	820	0.7	5	0.25	7.2	8	8	234	3.03
K273111		2.20	0.025	0.7	1.05	47	<10	1950	0.8	4	0.18	6.3	10	8	317	2.95
K273112		3.17	0.028	0.7	1.13	48	<10	770	0.8	5	0.19	7.9	13	6	269	3.05
K273113		1.50	0.067	0.7	1.19	69	<10	660	0.7	5	0.23	8.9	11	9	129	3.38
K273114		3.54	0.040	0.6	1.42	58	<10	550	1.0	4	0.29	9.8	11	8	176	3.78
K273115		1.75	0.022	0.5	0.99	34	<10	380	0.6	3	0.27	7.0	10	7	59	2.99
K273116		2.71	0.041	0.7	1.20	48	<10	230	0.8	4	0.25	9.3	10	6	51	3.91
K273117		2.47	0.030	0.7	1.30	40	<10	340	0.6	4	0.31	5.3	10	8	55	3.28
K273118		1.88	0.020	0.6	1.29	32	<10	580	0.5	4	0.27	2.6	9	7	58	2.84
K273119		1.13	0.008	0.2	1.34	16	<10	250	<0.5	3	0.40	1.3	7	8	29	2.62
K273120		3.16	0.007	0.4	1.21	20	<10	630	<0.5	3	0.41	2.9	9	7	27	2.67
K273121		1.71	0.021	0.6	0.83	26	<10	880	0.5	4	0.76	4.6	7	6	50	2.14
K273122		2.94	0.030	0.8	1.40	18	<10	520	0.6	4	0.28	4.3	10	7	69	2.93
K273123		2.07	0.031	1.0	1.12	30	<10	470	0.8	3	0.22	11.5	19	6	68	3.84
K273124		1.68	0.381	7.2	0.45	609	<10	250	0.5	6	0.10	5.7	3	3	55	5.14
K273125		2.33	0.027	1.6	0.65	62	<10	580	0.8	2	0.16	13.4	10	4	62	4.06
K273126		2.63	2.46	12.2	0.45	345	<10	520	<0.5	30	0.10	7.1	2	3	116	4.91
K273127		2.42	0.055	1.6	0.62	96	<10	250	1.2	5	0.32	16.6	22	9	103	3.42
K273128		4.53	0.024	1.1	0.49	59	<10	950	0.7	<2	0.21	8.0	11	3	44	3.26
K273129		1.98	0.036	1.0	0.57	86	<10	1490	0.5	3	0.14	4.7	18	4	23	3.07
K273130		2.38	0.017	0.5	0.99	41	<10	170	0.8	<2	0.27	5.7	18	5	32	2.50
K273131		2.81	0.342	9.7	0.42	391	<10	870	0.5	9	0.09	9.7	4	3	34	3.91
K273132		1.15	<0.005	<0.2	0.03	5	<10	<10	<0.5	<2	18.6	<0.5	1	1	2	0.44
K273133		3.18	0.223	4.1	0.58	156	<10	330	0.8	5	0.18	14.4	9	4	99	5.54
K273134		2.09	0.031	1.2	1.08	55	<10	860	0.7	2	0.28	10.0	13	5	83	2.98
K273135		2.69	0.042	1.9	1.02	66	<10	760	0.6	3	0.25	11.1	12	5	27	3.11
K273136		2.86	0.065	0.8	1.32	70	<10	250	0.6	2	0.26	9.6	8	5	51	3.48
K273137		1.50	0.137	3.3	0.60	118	<10	550	0.6	7	0.15	8.7	12	3	57	3.73
K273138		2.40	0.341	8.1	0.63	409	<10	1040	0.6	34	0.23	1.3	3	6	221	4.80
K273139		2.43	0.016	0.6	0.65	65	<10	920	1.0	<2	0.53	5.4	9	8	50	2.40
K273140		1.79	0.013	0.3	0.69	29	<10	730	0.8	<2	1.17	2.2	6	9	17	2.34
K273141		2.92	0.012	0.3	0.66	38	<10	1150	0.6	<2	0.61	2.4	6	5	11	2.27
K273142		3.41	0.012	<0.2	0.79	34	<10	1030	0.5	<2	0.34	1.0	5	5	6	1.88
K273143		0.13	1.490	32.9	4.82	155	<10	40	<0.5	3	4.50	31.6	84	57	6950	7.94
K273144		2.31	0.014	0.3	0.78	43	<10	1440	0.6	<2	0.45	2.5	6	5	24	2.05

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108712

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273109		<10	<1	0.29	10	0.60	439	1	0.07	4	630	48	0.05	4	6	27
K273110		<10	<1	0.31	20	0.30	653	2	0.03	3	640	67	0.05	9	6	23
K273111		<10	<1	0.36	20	0.10	509	7	0.01	4	580	63	0.11	8	5	28
K273112		<10	1	0.36	30	0.12	744	5	0.01	4	610	56	0.04	10	6	18
K273113		<10	<1	0.27	20	0.14	995	2	0.01	4	620	52	0.13	8	7	19
K273114		<10	1	0.28	30	0.19	997	3	0.01	4	670	54	0.02	8	9	16
K273115		<10	<1	0.19	20	0.23	883	2	0.02	3	620	42	0.03	5	7	16
K273116		<10	<1	0.28	20	0.27	913	1	0.02	3	600	129	0.02	3	7	13
K273117		<10	<1	0.24	20	0.42	813	2	0.03	4	640	77	0.05	5	6	22
K273118		<10	<1	0.27	20	0.43	674	1	0.03	4	570	60	0.08	4	5	20
K273119		10	<1	0.19	10	0.66	414	1	0.07	2	560	18	0.03	2	5	29
K273120		<10	1	0.23	10	0.45	635	2	0.04	3	570	29	0.18	2	6	25
K273121		<10	<1	0.26	20	0.16	550	4	0.01	4	600	71	0.12	4	5	28
K273122		<10	1	0.23	30	0.50	893	1	0.01	3	660	77	0.07	3	6	14
K273123		<10	<1	0.28	30	0.21	1940	2	<0.01	4	620	62	0.05	3	7	10
K273124		<10	1	0.32	30	0.03	252	2	0.01	1	460	1715	0.28	10	4	10
K273125		<10	1	0.25	30	0.03	1070	1	0.01	3	610	314	0.06	5	6	10
K273126		<10	1	0.27	20	0.03	142	6	0.01	1	480	1315	0.14	19	2	11
K273127		<10	1	0.21	20	0.05	1280	3	0.01	15	610	260	0.03	5	6	16
K273128		<10	1	0.20	20	0.05	1475	1	0.02	4	510	181	0.07	10	3	16
K273129		<10	1	0.19	20	0.03	477	5	0.02	3	510	137	0.18	6	5	16
K273130		<10	<1	0.18	30	0.10	589	1	<0.01	3	740	52	0.05	5	9	10
K273131		<10	<1	0.27	20	0.02	693	2	0.02	<1	550	2760	0.16	8	2	20
K273132		<10	1	0.01	<10	11.90	198	<1	0.02	<1	170	7	0.02	2	<1	43
K273133		<10	<1	0.29	20	0.06	2080	4	0.01	2	570	609	0.13	5	4	9
K273134		<10	1	0.25	30	0.31	1970	1	0.04	3	620	149	0.05	9	5	27
K273135		<10	<1	0.31	30	0.42	1825	1	0.04	3	610	124	0.13	2	4	22
K273136		<10	1	0.22	20	0.31	2410	2	0.02	2	650	85	0.03	3	6	12
K273137		<10	1	0.25	30	0.04	3160	4	0.01	5	620	158	0.09	13	4	21
K273138		<10	<1	0.26	10	0.05	524	6	0.02	9	670	332	0.19	52	4	60
K273139		<10	<1	0.26	10	0.05	2750	3	0.02	17	580	42	0.03	7	4	26
K273140		<10	1	0.26	10	0.07	1080	1	0.02	15	600	43	0.03	4	5	33
K273141		<10	1	0.13	10	0.06	1300	1	0.04	8	740	25	0.05	3	5	30
K273142		<10	1	0.11	10	0.05	788	<1	0.04	5	700	18	0.04	2	5	27
K273143		10	2	0.24	10	1.13	611	48	0.33	306	660	8150	7.20	34	4	75
K273144		<10	1	0.11	10	0.07	1580	1	0.04	7	770	34	0.06	2	5	33

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108712

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273109		<20	0.02	<10	<10	45	<10	234
K273110		<20	0.01	<10	<10	36	<10	458
K273111		<20	0.01	<10	<10	25	<10	549
K273112		<20	0.01	<10	<10	29	<10	558
K273113		<20	0.01	<10	<10	37	<10	458
K273114		20	0.01	<10	<10	43	<10	620
K273115		<20	0.01	<10	<10	38	<10	354
K273116		<20	0.01	<10	<10	39	<10	600
K273117		<20	0.02	<10	<10	46	<10	373
K273118		<20	0.02	<10	<10	38	<10	258
K273119		<20	0.04	<10	<10	44	<10	140
K273120		<20	0.02	<10	<10	40	<10	176
K273121		<20	0.01	<10	<10	29	<10	213
K273122		20	0.01	<10	<10	40	<10	320
K273123		<20	<0.01	<10	<10	33	<10	718
K273124		<20	<0.01	<10	<10	16	<10	948
K273125		<20	<0.01	<10	<10	24	<10	1570
K273126		<20	<0.01	<10	<10	13	<10	981
K273127		<20	<0.01	<10	<10	27	<10	1085
K273128		<20	<0.01	<10	<10	15	<10	693
K273129		<20	<0.01	<10	<10	24	<10	409
K273130		20	<0.01	<10	<10	34	<10	439
K273131		<20	<0.01	<10	<10	13	<10	1515
K273132		<20	<0.01	<10	<10	1	<10	24
K273133		<20	<0.01	<10	<10	25	<10	1355
K273134		<20	<0.01	<10	<10	29	<10	514
K273135		<20	<0.01	<10	<10	27	<10	537
K273136		20	<0.01	<10	<10	34	<10	603
K273137		<20	<0.01	<10	<10	22	<10	799
K273138		<20	<0.01	<10	10	19	<10	511
K273139		<20	<0.01	<10	<10	24	<10	535
K273140		<20	<0.01	<10	<10	30	<10	229
K273141		<20	<0.01	<10	<10	23	<10	215
K273142		<20	<0.01	<10	<10	21	<10	158
K273143		<20	0.06	<10	<10	319	10	7310
K273144		<20	<0.01	<10	<10	20	<10	169

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11108713

Project: Klaza TR- 22

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108713

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K273073		2.91	0.100	3.1	0.98	62	<10	520	<0.5	7	0.19	1.9	8	8	59	3.03
K273074		3.15	0.097	2.3	0.64	101	<10	930	<0.5	6	0.10	1.4	6	5	95	3.85
K273075		2.01	0.104	3.2	0.56	123	<10	780	<0.5	8	0.07	1.4	6	4	104	4.63
K273076		1.25	0.114	5.8	0.44	89	<10	730	<0.5	10	0.06	0.6	4	6	29	1.93
K273077		1.72	0.262	12.5	0.54	434	<10	930	<0.5	56	0.09	1.8	4	5	84	4.05
K273078		3.70	0.226	6.4	0.45	220	<10	720	<0.5	21	0.07	1.1	3	3	37	3.27
K273079		2.73	0.277	3.8	0.64	153	<10	590	<0.5	28	0.07	1.3	4	5	58	3.66
K273080		2.10	0.102	2.4	0.79	104	<10	790	0.8	7	0.12	7.7	14	5	123	4.12
K273081		2.17	0.494	6.2	0.39	128	<10	300	<0.5	9	0.05	0.6	1	4	13	2.88
K273082		3.85	0.161	6.8	0.37	209	<10	290	<0.5	10	0.05	0.7	1	3	19	2.61
K273083		4.58	0.145	3.5	0.84	268	<10	800	0.6	5	0.09	4.4	4	5	208	4.12
K273084		2.10	0.083	3.8	0.63	141	<10	610	<0.5	7	0.05	2.8	2	2	235	3.69
K273085		1.96	0.067	2.7	0.50	162	<10	350	<0.5	5	0.08	3.1	1	5	138	4.21
K273086		3.45	0.779	21.0	0.41	413	<10	610	<0.5	76	0.02	1.2	1	3	24	1.72
K273087		4.14	1.150	6.7	0.50	336	<10	410	<0.5	18	0.05	0.9	1	5	46	3.00
K273088		2.19	0.110	3.7	0.66	460	<10	390	<0.5	5	0.13	1.6	5	4	262	6.01
K273089		2.80	0.131	2.5	0.84	207	<10	960	0.6	3	0.08	3.6	16	5	272	4.76
K273090		2.16	0.315	5.1	0.68	302	<10	510	0.5	8	0.10	3.0	10	4	191	3.43
K273091		2.12	0.257	3.9	0.82	314	<10	480	<0.5	7	0.17	2.3	7	7	121	3.22
K273092		3.21	0.057	1.4	1.19	89	<10	400	<0.5	<2	0.29	1.3	6	7	73	3.02
K273093		3.36	0.097	2.1	0.92	153	<10	380	0.5	4	0.21	4.7	11	8	88	3.29
K273094		3.43	0.072	3.9	0.77	134	<10	720	0.7	4	0.10	10.7	19	4	185	3.85
K273095		3.36	0.041	1.1	1.01	82	<10	810	0.6	2	0.27	7.3	17	7	57	3.09
K273096		2.90	0.077	0.8	1.29	37	<10	370	<0.5	<2	0.31	1.5	11	7	42	3.03
K273097		2.46	0.178	2.4	0.69	76	<10	540	0.5	4	0.09	2.8	16	9	55	3.57
K273098		3.95	0.073	1.3	0.98	91	<10	300	0.5	2	0.25	4.6	18	8	82	3.49
K273099		1.49	0.031	0.5	1.24	32	<10	300	<0.5	<2	0.32	0.9	6	8	22	2.83
K273100		2.34	0.069	1.5	0.99	82	<10	520	0.5	3	0.22	3.8	11	10	52	2.96
K273101		2.74	0.016	0.6	1.26	59	<10	390	0.5	<2	0.30	3.0	9	9	51	3.46
K273102		2.41	0.176	2.5	0.70	99	<10	500	<0.5	3	0.12	2.4	2	4	96	4.31
K273103		2.88	0.034	1.1	0.88	37	<10	360	0.7	3	0.20	14.5	15	6	59	4.13
K273104		3.78	0.237	3.2	0.53	192	<10	460	<0.5	3	0.12	3.0	2	3	177	4.50
K273105		2.91	0.534	29.0	0.45	546	<10	340	<0.5	57	0.05	3.9	1	4	116	3.28
K273106		0.13	1.455	35.0	4.93	152	<10	50	<0.5	11	4.80	33.7	90	59	7210	8.54
K273107		4.06	0.274	10.9	1.24	197	<10	360	0.5	36	0.26	3.2	7	7	153	3.70
K273108		2.64	<0.005	<0.2	0.04	4	<10	10	<0.5	<2	19.8	<0.5	<1	<1	2	0.42

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VANCOUVER BC V6B 1L8

Finalized Date: 5- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108713

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273073		<10	1	0.27	20	0.29	634	2	0.03	3	520	143	0.12	8	4	26
K273074		<10	1	0.34	20	0.06	250	9	0.03	2	490	205	0.27	12	3	30
K273075		<10	<1	0.38	40	0.03	184	10	0.02	2	520	157	0.43	10	2	35
K273076		<10	1	0.27	60	0.04	150	15	0.02	1	210	113	0.19	10	1	24
K273077		<10	1	0.38	120	0.04	131	21	0.03	1	480	224	0.35	54	2	71
K273078		<10	<1	0.38	50	0.03	122	10	<0.01	1	250	197	0.33	9	1	35
K273079		<10	<1	0.36	20	0.06	220	4	0.01	1	360	243	0.23	4	2	29
K273080		<10	<1	0.29	20	0.09	853	5	0.01	3	670	172	0.16	4	6	25
K273081		<10	<1	0.59	20	0.02	100	3	<0.01	<1	230	435	0.82	4	1	34
K273082		<10	<1	0.48	20	0.03	103	5	<0.01	1	190	611	0.62	12	1	30
K273083		<10	<1	0.39	20	0.07	580	3	0.01	1	650	655	0.35	7	5	47
K273084		<10	1	0.34	30	0.03	195	3	<0.01	1	650	387	0.32	4	3	25
K273085		<10	<1	0.58	20	0.03	238	2	0.01	1	550	536	0.77	3	2	36
K273086		<10	<1	0.41	30	0.02	105	24	<0.01	<1	330	690	0.37	22	2	37
K273087		<10	<1	0.59	20	0.03	105	8	0.01	<1	390	470	0.72	9	2	50
K273088		<10	1	0.52	10	0.03	566	4	0.01	1	820	486	0.63	6	4	26
K273089		<10	<1	0.32	20	0.04	388	10	0.01	2	750	272	0.27	9	5	20
K273090		<10	1	0.35	20	0.08	353	3	0.01	1	580	289	0.25	16	3	25
K273091		<10	<1	0.27	20	0.20	400	3	0.02	3	550	222	0.21	12	3	27
K273092		<10	<1	0.23	20	0.48	351	2	0.06	2	580	65	0.08	5	5	28
K273093		<10	<1	0.24	20	0.25	739	2	0.03	4	600	134	0.10	10	5	19
K273094		<10	1	0.31	30	0.04	1025	2	0.01	3	610	340	0.17	27	4	17
K273095		10	<1	0.18	20	0.30	974	2	0.04	2	610	99	0.07	6	6	23
K273096		<10	<1	0.23	10	0.59	551	2	0.06	3	570	31	0.09	3	5	24
K273097		<10	1	0.34	20	0.10	404	1	0.01	3	560	95	0.16	8	4	12
K273098		<10	<1	0.23	20	0.27	713	2	0.03	5	590	68	0.07	4	5	18
K273099		10	<1	0.18	10	0.65	402	5	0.07	2	560	25	0.06	2	5	25
K273100		<10	<1	0.23	20	0.22	701	6	0.03	5	540	62	0.09	5	4	18
K273101		10	<1	0.28	20	0.52	516	3	0.04	3	620	84	0.16	3	5	21
K273102		<10	<1	0.48	20	0.08	234	2	0.01	2	450	428	0.54	2	4	29
K273103		<10	<1	0.33	30	0.12	1225	2	0.02	3	570	78	0.13	2	5	13
K273104		<10	<1	0.41	20	0.03	181	2	<0.01	1	580	404	0.43	8	4	20
K273105		<10	1	0.37	20	0.03	89	6	0.01	1	500	1485	0.34	80	2	44
K273106		10	1	0.25	10	1.20	656	51	0.34	330	690	8510	7.44	31	4	79
K273107		<10	1	0.27	20	0.52	444	2	0.05	3	640	379	0.14	81	5	30
K273108		<10	1	0.02	10	12.35	189	<1	0.01	2	210	3	0.02	<2	<1	48

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Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108713

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273073		<20	0.01	<10	<10	30	<10	298
K273074		<20	<0.01	<10	<10	19	<10	437
K273075		<20	<0.01	<10	<10	19	<10	495
K273076		<20	<0.01	<10	<10	11	<10	135
K273077		<20	<0.01	<10	<10	20	<10	329
K273078		<20	<0.01	<10	<10	10	<10	292
K273079		<20	<0.01	<10	<10	16	<10	393
K273080		<20	<0.01	<10	<10	27	<10	698
K273081		<20	<0.01	<10	<10	6	<10	71
K273082		<20	<0.01	<10	<10	6	<10	72
K273083		<20	<0.01	<10	<10	24	<10	544
K273084		<20	<0.01	<10	<10	17	<10	393
K273085		<20	<0.01	<10	<10	16	<10	421
K273086		<20	<0.01	<10	<10	6	<10	39
K273087		<20	<0.01	<10	<10	10	<10	80
K273088		<20	<0.01	<10	<10	32	<10	699
K273089		<20	<0.01	<10	<10	27	<10	687
K273090		<20	<0.01	<10	<10	22	<10	476
K273091		<20	0.01	<10	<10	28	<10	260
K273092		<20	0.04	<10	<10	44	<10	195
K273093		<20	0.01	<10	<10	34	<10	420
K273094		<20	<0.01	<10	<10	19	<10	903
K273095		<20	0.02	<10	<10	39	<10	507
K273096		<20	0.03	<10	<10	48	<10	171
K273097		<20	<0.01	<10	<10	26	<10	373
K273098		<20	0.01	<10	<10	34	<10	364
K273099		<20	0.04	<10	<10	45	<10	108
K273100		<20	0.02	<10	<10	34	<10	269
K273101		<20	0.02	<10	<10	39	<10	295
K273102		<20	<0.01	<10	<10	18	<10	422
K273103		<20	<0.01	<10	<10	31	<10	679
K273104		<20	<0.01	<10	<10	19	<10	432
K273105		<20	<0.01	<10	<10	12	<10	199
K273106		<20	0.06	<10	10	326	<10	8180
K273107		<20	0.01	<10	<10	38	<10	324
K273108		<20	<0.01	<10	<10	1	<10	16

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VANCOUVER BC V6B 1L8

Finalized Date: 8- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11108864

Project: Klaza TR- 22

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 8- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108864

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273181		2.59	0.072	0.6	0.46	48	<10	800	0.6	<2	0.23	8.7	19	2	50	3.03
K273182		7.87	1.410	77.6	0.32	2920	<10	350	<0.5	100	0.13	17.0	2	1	508	3.77
K273183		3.82	0.496	22.6	0.39	1380	<10	870	<0.5	7	0.14	12.3	1	2	672	5.15
K273184		3.74	0.018	1.0	1.03	40	<10	930	<0.5	<2	0.19	6.3	9	4	562	4.27
K273185		4.15	0.018	1.0	0.89	34	<10	900	0.6	2	0.18	12.2	12	4	374	3.34
K273186		2.42	0.022	0.7	0.77	50	<10	1360	0.6	2	0.16	17.1	16	3	458	2.59
K273187		4.09	0.337	6.5	0.41	572	<10	330	<0.5	10	0.16	12.2	1	1	66	3.25
K273188		2.17	0.065	1.0	0.59	300	<10	1170	0.5	<2	0.13	21.1	13	3	185	3.80
K273189		4.68	2.12	5.5	0.37	321	<10	400	<0.5	3	0.09	5.8	1	2	43	1.81
K273190		2.64	6.57	>100	0.24	752	<10	400	<0.5	141	0.05	5.6	1	2	80	1.32
K273191		2.33	0.070	5.1	1.15	546	<10	250	<0.5	<2	0.30	5.9	3	6	54	4.32
K273192		0.82	<0.005	<0.2	0.03	7	<10	10	<0.5	<2	19.0	<0.5	<1	1	2	0.46
K273193		2.59	0.024	1.1	1.25	73	<10	280	<0.5	<2	0.32	2.8	5	6	44	3.62
K273194		2.04	0.021	0.4	1.27	22	<10	240	<0.5	<2	0.34	4.6	8	7	33	2.95
K273195		2.18	0.014	0.4	0.83	19	<10	260	0.7	<2	0.23	8.2	9	5	57	3.11
K273196		3.12	0.020	0.5	0.61	45	<10	820	0.7	<2	0.17	7.7	8	3	40	2.67
K273197		1.82	0.009	<0.2	0.90	19	<10	230	0.5	<2	0.28	6.2	7	5	12	2.48
K273198		3.98	0.606	3.6	0.35	336	<10	220	<0.5	<2	0.11	3.3	1	2	8	1.32
K273199		2.96	0.192	1.3	0.75	236	<10	450	0.6	<2	0.18	10.2	10	4	27	3.07
K273200		3.89	0.008	<0.2	1.33	17	<10	210	0.5	<2	0.29	4.6	9	7	18	2.77
K273201		4.60	0.028	0.2	1.19	30	<10	310	0.7	<2	0.29	6.0	12	5	32	2.90
K273202		0.13	1.515	33.4	4.89	140	<10	30	<0.5	6	4.47	31.5	83	57	7280	8.08
K273203		2.02	0.008	<0.2	1.24	6	<10	340	0.6	<2	0.31	3.5	9	6	31	2.87
K273204		3.63	0.011	<0.2	0.56	13	<10	700	0.7	<2	0.21	5.9	11	4	29	2.47
K273205		3.17	0.028	0.3	0.68	40	<10	340	0.8	<2	0.16	8.3	11	3	129	2.96
K273206		2.51	9.86	61.2	0.32	569	<10	310	<0.5	114	0.08	16.5	3	2	334	4.13
K273207		3.09	0.056	1.0	0.93	80	<10	350	0.7	2	0.23	6.5	11	5	188	3.19
K273208		2.14	0.010	<0.2	0.89	16	<10	270	0.5	<2	0.28	4.1	10	5	17	2.40
K273209		3.31	0.019	0.2	0.50	96	<10	430	0.6	<2	0.11	7.1	8	4	23	2.61
K273210		2.34	0.014	<0.2	0.52	29	<10	440	0.6	<2	0.11	6.8	9	5	12	2.68
K273211		3.28	0.032	0.7	0.54	150	<10	1690	1.0	<2	0.17	14.4	10	3	36	3.93
K273212		3.55	0.023	0.3	0.80	65	<10	400	0.7	<2	0.23	10.3	11	12	24	2.95
K273213		2.46	0.009	0.7	1.08	43	<10	300	0.6	2	0.27	5.8	9	7	39	3.07
K273214		2.14	0.013	0.2	0.98	276	<10	820	0.7	<2	0.24	15.2	10	6	43	3.24
K273215		3.33	0.013	0.3	0.78	76	<10	520	0.6	<2	0.21	7.9	12	5	36	2.81
K273216		1.33	0.019	0.8	0.47	129	<10	310	0.7	2	0.12	6.8	8	5	44	3.65

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Finalized Date: 8- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108864

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273181		<10	1	0.22	20	0.03	4180	2	<0.01	5	540	66	0.14	5	5	16
K273182		<10	2	0.33	10	0.01	279	13	<0.01	<1	220	2980	0.55	269	1	49
K273183		<10	1	0.27	20	0.02	175	3	<0.01	<1	470	269	0.24	52	2	23
K273184		<10	1	0.18	10	0.40	1095	1	<0.01	1	650	99	0.02	4	4	23
K273185		<10	<1	0.22	30	0.31	1480	<1	<0.01	1	600	180	0.06	4	5	17
K273186		<10	<1	0.20	30	0.21	1575	<1	<0.01	2	530	70	0.07	2	4	18
K273187		<10	1	0.45	30	0.03	189	2	<0.01	<1	390	411	0.64	19	2	50
K273188		<10	<1	0.20	30	0.07	1495	1	<0.01	2	680	116	0.12	8	5	19
K273189		<10	<1	0.30	30	0.01	143	<1	<0.01	<1	360	1200	0.24	7	1	32
K273190		<10	<1	0.27	20	0.01	87	<1	<0.01	<1	220	2590	0.28	86	1	31
K273191		10	1	0.17	10	0.39	184	<1	0.01	1	550	80	0.21	5	3	39
K273192		<10	<1	0.01	<10	12.00	201	<1	<0.01	<1	170	5	<0.01	<2	<1	51
K273193		10	<1	0.13	10	0.55	312	<1	<0.01	1	630	51	0.02	3	4	18
K273194		10	<1	0.12	20	0.60	895	<1	0.01	2	680	53	<0.01	<2	7	19
K273195		<10	1	0.15	20	0.22	1005	<1	<0.01	2	590	81	<0.01	2	7	11
K273196		<10	<1	0.22	30	0.08	1115	1	<0.01	1	470	49	<0.01	4	6	16
K273197		<10	<1	0.13	20	0.29	1225	<1	<0.01	2	590	15	<0.01	<2	6	19
K273198		<10	<1	0.25	20	0.02	116	2	<0.01	<1	180	702	0.10	8	1	17
K273199		<10	<1	0.18	20	0.19	2600	<1	<0.01	2	480	140	0.02	3	6	22
K273200		10	<1	0.12	20	0.63	981	<1	0.01	3	600	14	<0.01	<2	6	17
K273201		<10	<1	0.15	30	0.46	1175	<1	<0.01	2	630	24	<0.01	<2	6	15
K273202		10	1	0.23	<10	1.11	632	47	0.32	316	670	8050	7.21	28	4	77
K273203		<10	<1	0.14	30	0.56	681	<1	0.02	3	640	25	<0.01	<2	6	21
K273204		<10	<1	0.18	30	0.05	1000	1	<0.01	2	600	17	<0.01	4	7	14
K273205		<10	1	0.19	30	0.05	1005	1	<0.01	2	540	42	<0.01	3	6	20
K273206		<10	7	0.24	30	0.01	802	57	<0.01	<1	390	2670	0.25	365	2	40
K273207		<10	<1	0.14	20	0.25	805	1	<0.01	3	590	83	0.02	16	7	27
K273208		<10	1	0.10	20	0.20	810	<1	<0.01	2	650	23	<0.01	3	7	13
K273209		<10	<1	0.14	30	0.04	595	2	<0.01	2	430	22	<0.01	4	5	13
K273210		<10	1	0.10	20	0.02	817	2	<0.01	3	480	15	<0.01	2	8	25
K273211		<10	<1	0.19	30	0.03	1745	3	<0.01	3	530	180	0.04	4	7	29
K273212		<10	<1	0.14	30	0.16	1590	2	<0.01	5	590	25	<0.01	2	7	12
K273213		<10	1	0.14	20	0.39	1005	2	<0.01	4	650	18	<0.01	<2	6	13
K273214		<10	<1	0.16	30	0.38	784	2	<0.01	4	620	33	<0.01	4	6	19
K273215		<10	<1	0.18	20	0.22	1185	3	<0.01	4	600	54	<0.01	3	5	19
K273216		<10	<1	0.20	20	0.03	256	7	<0.01	2	550	219	<0.01	11	4	10

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Finalized Date: 8- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11108864

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K273181		<20	<0.01	<10	<10	16	<10	2390	
K273182		<20	<0.01	<10	<10	5	<10	372	
K273183		<20	<0.01	<10	<10	19	<10	916	
K273184		<20	<0.01	<10	<10	35	<10	1060	
K273185		<20	<0.01	<10	<10	28	<10	944	
K273186		<20	<0.01	<10	<10	19	<10	719	
K273187		<20	<0.01	<10	<10	8	<10	384	
K273188		<20	<0.01	<10	<10	22	<10	1125	
K273189		<20	<0.01	<10	<10	7	<10	336	
K273190		<20	<0.01	<10	<10	4	<10	133	112
K273191		<20	<0.01	<10	<10	44	<10	395	
K273192		<20	<0.01	<10	10	2	<10	20	
K273193		<20	<0.01	<10	<10	44	<10	321	
K273194		<20	0.01	<10	<10	50	<10	386	
K273195		<20	<0.01	<10	<10	38	<10	489	
K273196		<20	<0.01	<10	<10	25	<10	513	
K273197		<20	0.02	<10	<10	42	<10	490	
K273198		<20	<0.01	<10	<10	5	<10	236	
K273199		<20	<0.01	<10	<10	28	<10	638	
K273200		<20	<0.01	<10	<10	45	<10	820	
K273201		<20	0.01	<10	<10	41	<10	787	
K273202		<20	0.06	<10	<10	319	10	7160	
K273203		<20	0.02	<10	<10	49	<10	633	
K273204		<20	<0.01	<10	<10	28	<10	502	
K273205		<20	<0.01	<10	<10	26	<10	701	
K273206		<20	<0.01	<10	<10	11	<10	641	
K273207		<20	0.01	<10	<10	38	<10	702	
K273208		<20	<0.01	<10	<10	39	<10	538	
K273209		<20	<0.01	<10	<10	28	<10	521	
K273210		<20	<0.01	<10	<10	33	<10	629	
K273211		<20	<0.01	<10	<10	25	<10	1345	
K273212		20	0.01	<10	<10	37	<10	715	
K273213		<20	<0.01	<10	<10	41	<10	622	
K273214		<20	0.01	<10	<10	35	<10	659	
K273215		<20	0.01	<10	<10	30	<10	665	
K273216		<20	<0.01	<10	<10	20	<10	910	

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Finalized Date: 6- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11109671

Project: Klaza TR- 22

P.O. No.: Batch 7

This report is for 31 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11109671

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273217		1.33	0.008	0.3	0.32	39	<10	320	<0.5	<2	0.06	2.7	4	8	11	1.69
K273218		2.58	0.027	0.7	0.66	55	<10	380	0.5	2	0.12	6.5	13	5	15	3.32
K273219		2.40	0.025	0.5	0.70	210	<10	220	0.8	2	0.11	8.8	6	3	26	3.87
K273220		1.74	0.020	0.6	0.57	125	<10	270	0.5	<2	0.12	5.9	7	4	21	3.10
K273221		1.70	0.100	0.9	0.61	108	<10	330	0.5	2	0.11	6.4	9	5	22	3.36
K273222		2.05	0.114	0.5	0.72	171	<10	310	0.7	<2	0.11	7.8	7	6	36	3.12
K273223		2.11	0.011	0.4	0.71	51	<10	540	0.8	<2	0.25	14.4	27	3	13	3.15
K273224		2.77	0.019	0.5	0.69	156	<10	480	0.8	2	0.19	10.5	14	5	21	3.27
K273225		1.99	0.036	0.4	0.80	174	<10	220	0.6	2	0.14	5.5	5	9	24	2.78
K273226		2.89	0.016	0.3	0.77	76	<10	1470	0.5	<2	0.09	5.0	9	5	36	2.63
K273227		2.12	0.301	3.8	0.55	334	<10	310	<0.5	11	0.12	5.5	4	3	18	4.65
K273228		2.23	0.192	2.8	0.69	311	<10	280	0.5	4	0.11	6.4	3	5	29	3.48
K273229		2.03	0.101	4.0	0.46	162	<10	240	<0.5	3	0.08	3.3	3	4	14	2.05
K273230		3.13	0.040	0.8	0.70	252	<10	580	0.6	3	0.16	6.5	7	6	36	3.70
K273231		3.83	0.397	9.3	0.43	146	<10	390	<0.5	14	0.09	2.6	1	3	18	2.17
K273232		1.57	0.058	3.8	0.48	122	<10	300	<0.5	7	0.07	2.6	2	4	15	2.18
K273233		2.06	0.194	4.1	0.41	135	<10	670	<0.5	8	0.07	3.1	4	3	19	2.35
K273234		2.72	0.064	1.8	0.60	253	<10	490	0.6	7	0.11	6.6	5	4	26	4.76
K273235		4.53	0.064	2.9	0.94	320	<10	450	0.8	10	0.19	7.7	4	3	36	8.08
K273236		3.26	0.058	4.3	0.70	630	<10	630	0.8	8	0.15	12.6	3	3	34	6.82
K273237		1.94	0.036	2.2	0.48	337	<10	460	0.5	3	0.08	6.9	2	3	20	3.77
K273238		2.97	0.108	14.5	0.54	303	<10	510	<0.5	2	0.08	1.0	1	3	15	1.57
K273239		2.06	0.027	3.0	0.66	184	<10	340	0.5	<2	0.16	3.1	2	3	19	2.79
K273240		2.43	0.017	1.0	0.80	233	<10	1300	1.0	<2	0.14	7.8	3	4	30	3.42
K273241		3.15	0.035	1.8	0.81	119	<10	840	0.8	2	0.16	5.0	6	5	40	3.03
K273242		5.01	0.048	2.2	0.85	106	<10	400	0.6	3	0.17	2.9	8	6	80	2.66
K273243		2.84	0.041	2.2	0.74	120	<10	360	0.6	4	0.14	3.0	6	6	76	2.80
K273244		0.14	1.425	33.2	4.95	147	<10	40	<0.5	25	4.82	33.9	84	64	7010	8.56
K273245		3.01	0.122	2.1	0.72	143	<10	280	0.6	3	0.12	4.0	5	5	76	2.81
K273246		3.01	0.087	4.4	0.54	140	<10	270	<0.5	5	0.09	2.3	3	4	35	2.14
K273247		2.11	<0.005	<0.2	0.03	5	<10	20	<0.5	<2	18.6	<0.5	1	<1	2	0.45

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VANCOUVER BC V6B 1L8

Finalized Date: 6- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11109671

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273217		<10	<1	0.14	10	0.03	131	6	0.01	2	190	18	0.01	<2	1	7
K273218		<10	<1	0.24	50	0.06	338	29	0.02	3	590	73	0.02	<2	4	21
K273219		<10	<1	0.24	30	0.05	144	13	0.02	2	560	92	0.07	4	4	40
K273220		<10	1	0.22	30	0.06	299	12	0.01	2	430	66	0.04	3	3	28
K273221		<10	<1	0.24	30	0.05	548	10	0.01	2	490	104	0.06	3	3	49
K273222		<10	<1	0.25	30	0.07	355	12	0.01	2	560	56	0.04	9	4	35
K273223		<10	1	0.30	20	0.04	2380	3	<0.01	4	590	18	0.01	3	9	19
K273224		<10	1	0.25	20	0.06	1080	6	<0.01	3	580	59	0.02	8	7	20
K273225		<10	<1	0.17	20	0.09	302	6	0.01	3	440	59	0.02	8	5	17
K273226		<10	1	0.20	10	0.03	449	3	<0.01	2	490	23	0.06	15	7	54
K273227		<10	<1	0.43	20	0.04	256	12	0.01	1	400	257	0.46	7	3	83
K273228		<10	1	0.33	20	0.04	218	25	0.01	1	550	413	0.27	20	4	153
K273229		<10	<1	0.29	20	0.04	197	24	0.01	1	380	654	0.18	18	2	93
K273230		<10	1	0.36	20	0.05	265	9	0.01	4	680	86	0.40	12	6	163
K273231		<10	<1	0.38	10	0.02	91	5	0.01	<1	290	478	0.31	6	1	70
K273232		<10	<1	0.35	30	0.03	115	14	0.01	<1	310	355	0.15	3	2	29
K273233		<10	<1	0.33	50	0.02	105	15	0.01	<1	440	554	0.25	6	2	81
K273234		<10	<1	0.39	50	0.04	210	34	0.07	1	790	215	0.48	7	4	139
K273235		<10	<1	0.51	30	0.07	156	22	0.13	1	1000	296	0.85	5	4	227
K273236		<10	<1	0.49	40	0.06	130	33	0.04	1	1120	616	0.54	12	5	203
K273237		<10	1	0.35	40	0.03	134	11	0.02	1	700	611	0.26	8	4	83
K273238		<10	<1	0.38	20	0.03	68	5	0.01	<1	480	3120	0.28	13	2	53
K273239		<10	<1	0.41	30	0.04	196	3	0.02	<1	610	1050	0.40	6	5	80
K273240		<10	<1	0.26	30	0.04	256	2	<0.01	1	640	146	0.11	4	8	42
K273241		<10	<1	0.23	20	0.11	521	2	0.01	2	550	183	0.08	5	5	30
K273242		<10	<1	0.27	20	0.13	460	2	0.02	3	490	173	0.10	11	4	28
K273243		<10	<1	0.27	20	0.10	361	2	0.01	2	540	376	0.12	7	4	32
K273244		10	1	0.24	10	1.20	640	44	0.31	327	700	8810	7.45	24	4	77
K273245		<10	<1	0.32	20	0.07	395	2	0.01	2	520	284	0.13	7	4	39
K273246		<10	<1	0.41	20	0.05	218	3	0.01	<1	360	653	0.27	6	2	38
K273247		<10	<1	0.02	<10	12.10	204	<1	0.01	1	170	2	<0.01	2	<1	48

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Finalized Date: 6- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11109671

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273217		<20	<0.01	<10	<10	8	<10	221
K273218		<20	<0.01	<10	<10	22	<10	637
K273219		20	<0.01	<10	<10	21	<10	691
K273220		<20	<0.01	<10	<10	18	<10	579
K273221		<20	<0.01	<10	<10	23	<10	614
K273222		<20	<0.01	<10	<10	24	<10	518
K273223		<20	<0.01	<10	<10	31	<10	1010
K273224		<20	<0.01	<10	<10	32	<10	769
K273225		<20	0.01	<10	<10	34	<10	381
K273226		<20	<0.01	<10	<10	30	<10	578
K273227		<20	<0.01	<10	<10	24	<10	535
K273228		<20	<0.01	<10	<10	28	<10	498
K273229		<20	<0.01	<10	<10	14	<10	256
K273230		<20	<0.01	<10	<10	31	<10	771
K273231		<20	<0.01	<10	<10	9	<10	157
K273232		<20	<0.01	<10	<10	12	<10	397
K273233		<20	<0.01	<10	<10	10	<10	321
K273234		<20	<0.01	<10	<10	21	<10	595
K273235		<20	<0.01	<10	<10	27	<10	730
K273236		20	<0.01	<10	<10	24	<10	829
K273237		20	<0.01	<10	<10	16	<10	636
K273238		<20	<0.01	<10	<10	9	<10	133
K273239		<20	<0.01	<10	<10	22	<10	411
K273240		<20	<0.01	<10	<10	31	<10	607
K273241		<20	0.01	<10	<10	28	<10	519
K273242		<20	0.01	<10	<10	27	<10	318
K273243		<20	0.01	<10	<10	23	<10	332
K273244		<20	0.06	<10	<10	325	30	7690
K273245		<20	0.01	<10	<10	22	<10	414
K273246		<20	<0.01	<10	<10	13	<10	195
K273247		<20	<0.01	<10	20	1	<10	21

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11112643

Project: Klaza TR- 22

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11112643

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
K273073		3.0	0.92	64	<10	540	<0.5	7	0.20	2.1	7	8	59	3.19	<10	<1
K273074		2.3	0.62	99	<10	960	<0.5	6	0.10	1.6	5	5	95	3.98	<10	<1
K273075		3.2	0.53	124	<10	840	<0.5	7	0.07	1.5	6	5	106	4.81	<10	<1
K273076		6.0	0.44	93	<10	790	<0.5	11	0.06	0.7	3	5	30	2.05	<10	<1
K273077		12.9	0.51	441	<10	840	<0.5	56	0.09	2.0	4	6	86	4.29	<10	<1
K273078		6.5	0.44	229	<10	730	<0.5	20	0.08	1.1	3	2	38	3.28	<10	<1
K273079		3.7	0.62	161	<10	610	<0.5	28	0.09	1.4	5	5	61	3.73	<10	<1
K273080		2.5	0.72	101	<10	770	0.7	7	0.13	7.6	14	5	123	4.03	<10	<1
K273081		6.4	0.38	130	<10	290	<0.5	9	0.07	0.7	1	4	15	2.96	<10	<1
K273082		6.8	0.37	216	<10	290	<0.5	10	0.07	0.8	<1	2	20	2.68	<10	<1
K273083		3.5	0.80	272	<10	720	0.6	5	0.11	4.5	5	5	215	4.20	<10	<1
K273084		3.8	0.62	149	<10	640	<0.5	7	0.07	2.8	2	2	249	3.82	<10	<1
K273085		2.8	0.51	172	<10	340	<0.5	5	0.10	3.3	1	3	149	4.43	<10	<1
K273086		21.2	0.39	428	<10	620	<0.5	77	0.04	1.3	<1	3	25	1.78	<10	<1
K273087		7.2	0.48	341	<10	410	<0.5	18	0.07	0.9	1	5	47	3.05	<10	<1
K273088		3.3	0.67	477	<10	420	<0.5	6	0.13	1.7	5	4	268	6.30	<10	<1
K273089		2.4	0.81	212	<10	1050	0.6	5	0.08	3.7	15	5	271	4.80	<10	<1
K273090		5.2	0.71	314	<10	550	0.5	10	0.10	3.2	10	4	198	3.62	<10	<1
K273091		3.9	0.86	336	<10	510	<0.5	7	0.17	2.3	7	8	127	3.35	<10	<1
K273092		1.4	1.22	97	<10	420	<0.5	5	0.31	1.4	6	8	77	3.23	<10	<1
K273093		2.1	0.95	165	<10	400	0.6	6	0.22	5.0	12	8	93	3.52	<10	<1
K273094		4.0	0.76	143	<10	790	0.7	4	0.11	11.2	21	4	195	4.11	<10	<1
K273095		1.0	1.05	95	<10	870	0.6	2	0.28	7.8	18	8	60	3.29	<10	<1
K273096		1.0	1.31	36	<10	370	<0.5	3	0.37	1.6	11	7	42	3.05	10	<1
K273097		2.5	0.71	75	<10	540	0.5	7	0.11	2.9	16	9	56	3.61	<10	<1
K273098		1.3	1.07	98	<10	320	0.6	5	0.28	4.9	19	8	87	3.68	<10	<1
K273099		0.5	1.33	33	<10	320	<0.5	4	0.35	0.9	6	9	31	2.98	10	<1
K273100		1.6	1.04	85	<10	550	0.5	4	0.23	4.1	11	10	57	3.01	<10	<1
K273101		0.7	1.24	55	<10	390	0.5	3	0.30	3.1	7	9	52	3.47	<10	<1
K273102		2.5	0.72	101	<10	490	0.5	4	0.13	2.4	2	4	99	4.51	<10	<1
K273103		1.0	0.90	38	<10	370	0.8	5	0.21	15.1	15	7	62	4.33	<10	1
K273104		2.6	0.53	182	<10	470	<0.5	3	0.13	3.0	1	3	175	4.64	<10	<1
K273105		28.8	0.46	519	<10	360	<0.5	58	0.06	4.0	1	4	116	3.43	<10	1
K273106		33.1	4.81	135	<10	30	<0.5	7	4.54	31.6	83	55	7120	8.14	10	<1
K273107		10.2	1.19	175	<10	340	0.5	35	0.25	3.2	6	7	156	3.64	<10	<1
K273108		0.3	0.04	4	<10	10	<0.5	<2	19.9	<0.5	2	<1	4	0.42	<10	<1

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CERTIFICATE OF ANALYSIS WH11112643

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
K273073		0.26	20	0.30	629	2	0.02	2	520	144	0.10	6	4	27	<20	0.01
K273074		0.34	20	0.06	250	11	0.01	1	480	211	0.25	9	3	31	<20	<0.01
K273075		0.37	40	0.03	186	11	0.01	2	520	165	0.40	7	2	36	<20	<0.01
K273076		0.29	60	0.04	153	16	<0.01	1	220	121	0.16	10	1	26	<20	<0.01
K273077		0.38	120	0.04	138	22	0.01	1	490	239	0.32	58	2	73	<20	<0.01
K273078		0.39	50	0.03	125	10	<0.01	<1	260	205	0.31	12	1	39	<20	<0.01
K273079		0.36	20	0.06	224	4	0.01	2	380	251	0.21	3	2	32	<20	<0.01
K273080		0.28	20	0.08	835	6	0.01	4	670	170	0.13	3	5	26	<20	<0.01
K273081		0.57	20	0.02	104	4	<0.01	<1	230	455	0.79	4	1	37	<20	<0.01
K273082		0.49	20	0.03	105	5	<0.01	<1	200	638	0.60	12	1	34	<20	<0.01
K273083		0.38	20	0.07	591	4	0.01	<1	660	676	0.32	8	5	49	<20	<0.01
K273084		0.35	30	0.03	202	4	<0.01	<1	690	406	0.30	3	3	29	<20	<0.01
K273085		0.61	20	0.03	252	3	<0.01	<1	580	576	0.78	3	2	39	<20	<0.01
K273086		0.43	30	0.02	109	25	<0.01	<1	340	720	0.35	27	2	40	<20	<0.01
K273087		0.58	20	0.03	109	9	0.01	1	390	493	0.70	12	2	52	<20	<0.01
K273088		0.53	10	0.04	572	4	0.01	1	860	524	0.62	6	4	28	<20	<0.01
K273089		0.30	20	0.04	378	11	0.01	2	740	281	0.24	8	5	22	<20	<0.01
K273090		0.34	30	0.09	358	3	0.01	<1	610	307	0.23	12	3	28	<20	<0.01
K273091		0.27	20	0.21	413	3	0.02	3	580	242	0.19	10	4	31	<20	0.01
K273092		0.22	20	0.51	362	2	0.05	2	620	75	0.06	3	5	30	<20	0.04
K273093		0.23	20	0.27	761	2	0.02	4	640	151	0.07	7	5	22	<20	0.01
K273094		0.31	30	0.04	1050	2	<0.01	3	630	371	0.15	27	4	19	20	<0.01
K273095		0.18	30	0.32	1000	3	0.03	4	640	110	0.04	4	6	25	<20	0.02
K273096		0.22	10	0.58	548	3	0.07	3	580	34	0.10	3	5	27	<20	0.03
K273097		0.33	30	0.10	411	1	0.01	3	580	98	0.17	7	4	15	<20	<0.01
K273098		0.23	20	0.28	751	2	0.03	4	620	72	0.08	4	5	22	<20	0.01
K273099		0.19	10	0.69	423	5	0.08	3	600	28	0.06	2	5	27	<20	0.04
K273100		0.23	20	0.23	710	6	0.03	4	560	66	0.09	5	5	19	<20	0.02
K273101		0.27	20	0.51	503	2	0.05	3	610	87	0.16	<2	5	22	<20	0.02
K273102		0.48	20	0.09	241	2	0.02	1	470	451	0.56	<2	4	30	<20	<0.01
K273103		0.34	30	0.13	1275	2	0.03	3	600	83	0.12	2	5	15	<20	<0.01
K273104		0.39	20	0.03	179	3	0.01	1	560	415	0.43	6	4	21	<20	<0.01
K273105		0.36	20	0.03	91	6	0.01	<1	480	1515	0.35	70	2	47	<20	<0.01
K273106		0.22	<10	1.14	602	46	0.32	309	640	8310	7.26	25	4	74	<20	0.05
K273107		0.25	20	0.49	412	3	0.05	2	590	371	0.12	72	5	30	<20	0.01
K273108		0.02	<10	12.30	182	1	0.01	<1	200	8	0.01	<2	<1	52	<20	<0.01

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11112643

Sample Description	Method Analyte Units LOR	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
K273073		<10	<10	30	<10	298
K273074		<10	<10	19	<10	441
K273075		<10	<10	19	<10	505
K273076		<10	<10	11	<10	139
K273077		<10	<10	20	<10	339
K273078		<10	<10	9	<10	307
K273079		<10	<10	16	<10	411
K273080		<10	<10	26	<10	685
K273081		<10	<10	5	<10	79
K273082		<10	<10	6	<10	79
K273083		<10	<10	23	<10	553
K273084		<10	<10	17	<10	413
K273085		<10	<10	16	<10	455
K273086		<10	<10	6	<10	45
K273087		<10	<10	10	<10	87
K273088		<10	<10	33	<10	727
K273089		<10	<10	26	<10	691
K273090		<10	<10	23	<10	505
K273091		<10	<10	30	<10	280
K273092		<10	<10	47	<10	212
K273093		<10	<10	36	<10	454
K273094		<10	<10	19	<10	980
K273095		<10	<10	42	<10	547
K273096		<10	<10	48	<10	171
K273097		<10	<10	27	<10	376
K273098		<10	<10	37	<10	387
K273099		<10	<10	49	<10	116
K273100		<10	<10	36	<10	281
K273101		<10	<10	40	<10	290
K273102		<10	<10	19	<10	440
K273103		<10	<10	32	<10	698
K273104		<10	<10	18	<10	433
K273105		<10	<10	12	<10	200
K273106		<10	<10	306	10	7580
K273107		<10	<10	37	<10	321
K273108		<10	<10	1	<10	17

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11112840

Project: Klaza TR- 23

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 19- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11112840

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273284		2.27	0.009	0.4	0.94	26	<10	700	0.5	<2	0.28	<0.5	13	8	18	2.89
K273285		3.78	<0.005	0.4	1.00	17	<10	490	0.5	<2	0.32	<0.5	9	7	23	2.84
K273286		2.81	<0.005	0.4	0.96	19	<10	550	0.8	2	0.28	<0.5	10	6	24	2.82
K273287		3.00	<0.005	0.3	1.16	8	<10	410	<0.5	<2	0.50	<0.5	7	8	11	2.64
K273288		2.30	<0.005	0.3	1.08	11	<10	490	0.7	<2	0.29	<0.5	7	7	15	2.79
K273289		2.89	<0.005	0.3	0.99	13	<10	600	0.6	<2	0.84	<0.5	7	6	11	2.82
K273290		2.81	<0.005	<0.2	1.33	5	<10	640	0.6	<2	0.50	<0.5	6	7	10	2.74
K273291		1.66	<0.005	0.2	1.18	10	<10	630	<0.5	<2	0.39	<0.5	8	7	19	2.83
K273292		3.14	0.005	0.5	1.50	12	<10	610	0.7	<2	0.28	<0.5	11	8	41	3.07
K273293		1.48	<0.005	0.3	1.31	10	<10	770	<0.5	<2	0.42	<0.5	7	8	13	2.97
K273294		2.87	0.012	2.6	0.73	34	<10	1310	0.8	2	4.65	4.1	6	4	87	4.56
K273295		3.66	<0.005	0.3	1.27	9	<10	630	0.8	<2	0.48	0.5	8	6	10	2.92
K273296		2.91	<0.005	0.3	0.04	<2	<10	20	<0.5	<2	19.2	<0.5	<1	2	1	0.40
K273297		2.31	0.015	0.8	0.84	30	<10	920	0.9	<2	1.51	0.8	12	4	41	3.48
K273298		2.64	0.009	0.3	0.86	18	<10	410	0.9	<2	1.29	0.6	9	4	19	3.48
K273299		2.21	0.005	0.3	0.76	23	<10	410	0.8	<2	0.37	0.6	11	5	24	2.73
K273300		2.34	<0.005	0.2	0.81	16	<10	860	1.0	<2	0.55	<0.5	7	5	10	2.62
K273301		2.15	<0.005	0.2	1.08	7	<10	550	0.5	<2	0.39	<0.5	7	8	18	2.83
K273302		3.19	<0.005	0.2	1.13	6	<10	650	0.8	<2	0.31	<0.5	6	6	23	2.77
K273303		4.11	<0.005	0.3	1.14	9	<10	560	0.9	<2	0.57	<0.5	8	6	13	3.01
K273304		3.43	<0.005	0.2	1.20	6	<10	730	<0.5	2	0.42	<0.5	7	8	10	2.93
K273305		2.67	<0.005	0.2	0.96	19	<10	450	0.8	<2	0.33	0.7	8	5	31	2.79
K273306		2.47	<0.005	0.2	1.59	6	<10	650	0.8	<2	0.39	<0.5	7	7	22	2.97
K273307		2.63	<0.005	<0.2	1.20	3	<10	510	0.5	<2	0.36	<0.5	6	7	19	2.87
K273308		2.94	<0.005	0.3	1.19	10	<10	570	0.5	<2	0.42	1.1	9	7	13	3.05
K273309		3.34	<0.005	0.3	1.17	11	<10	510	<0.5	<2	0.36	1.2	8	8	15	2.88
K273310		2.33	0.013	0.7	0.98	28	<10	640	0.6	<2	0.52	3.7	13	5	27	3.23
K273311		1.57	0.120	3.3	0.93	103	<10	1260	0.7	2	8.1	11.5	13	3	208	4.72
K273312		2.53	0.393	3.7	0.94	407	<10	1020	0.7	3	4.58	18.9	10	2	21	5.10
K273313		2.73	0.164	8.5	0.84	855	<10	520	0.7	3	2.45	19.8	14	3	34	4.96
K273314		3.59	0.013	0.8	0.68	53	<10	1000	0.8	<2	0.39	6.3	14	3	22	2.85
K273315		2.70	0.008	0.6	0.76	24	<10	590	0.6	2	0.37	5.3	11	6	19	2.58
K273316		0.13	1.455	33.7	4.96	150	<10	60	<0.5	2	4.56	32.5	90	59	7020	8.59
K273317		2.78	0.007	0.6	1.85	16	<10	740	0.9	<2	0.38	5.0	8	7	37	3.22
K273318		2.02	0.005	0.5	1.55	8	<10	1170	0.5	<2	0.40	4.2	8	8	16	2.88
K273319		2.12	<0.005	0.4	1.40	8	<10	600	0.7	<2	0.61	5.0	8	7	18	2.88

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11112840

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273284		<10	<1	0.29	20	0.27	782	2	0.05	4	650	24	0.05	<2	5	20
K273285		<10	<1	0.26	30	0.33	1130	5	0.05	2	580	22	0.02	2	6	18
K273286		<10	<1	0.26	30	0.15	808	2	0.02	2	630	15	0.02	4	8	14
K273287		10	<1	0.24	20	0.52	580	1	0.11	2	590	15	0.02	<2	5	29
K273288		<10	<1	0.24	30	0.24	613	1	0.03	2	610	12	0.01	<2	9	14
K273289		<10	<1	0.28	30	0.25	759	1	0.03	2	590	9	0.03	2	8	18
K273290		10	<1	0.33	30	0.40	601	1	0.01	2	640	9	<0.01	<2	9	16
K273291		10	<1	0.33	30	0.52	649	1	0.10	2	600	7	0.03	<2	6	26
K273292		10	<1	0.28	30	0.50	781	1	0.02	2	620	14	0.03	<2	8	12
K273293		10	<1	0.37	20	0.59	587	1	0.10	1	610	14	0.05	<2	7	31
K273294		<10	<1	0.27	30	0.33	6340	1	0.01	2	490	187	0.18	14	7	89
K273295		10	<1	0.38	30	0.36	669	1	0.01	2	660	19	0.01	2	9	14
K273296		<10	<1	0.02	<10	11.65	189	<1	0.01	4	220	2	0.02	<2	<1	50
K273297		<10	<1	0.30	30	0.09	2180	2	0.01	2	660	43	0.09	5	9	36
K273298		<10	<1	0.28	30	0.08	1195	2	0.01	1	570	11	0.03	2	7	18
K273299		<10	<1	0.26	30	0.10	918	3	0.01	3	560	15	0.02	<2	6	13
K273300		<10	<1	0.25	30	0.11	523	1	0.01	1	560	11	0.03	2	9	18
K273301		<10	<1	0.31	30	0.42	613	1	0.08	2	590	9	0.02	2	8	25
K273302		<10	<1	0.28	30	0.23	651	3	0.02	1	610	9	0.01	3	9	15
K273303		<10	1	0.30	30	0.22	705	4	0.02	2	630	13	0.01	2	10	25
K273304		10	<1	0.44	30	0.52	655	3	0.11	2	600	9	0.02	<2	8	31
K273305		<10	<1	0.30	20	0.21	838	1	0.02	2	620	15	0.01	5	9	17
K273306		10	<1	0.35	20	0.49	454	1	0.02	1	640	11	<0.01	<2	8	16
K273307		10	<1	0.33	20	0.45	544	1	0.09	2	620	8	<0.01	<2	8	25
K273308		10	<1	0.34	30	0.41	953	1	0.07	1	610	9	0.02	<2	8	26
K273309		<10	<1	0.30	30	0.47	595	1	0.08	2	610	10	0.02	<2	7	24
K273310		<10	<1	0.31	30	0.24	1065	1	0.04	2	630	27	0.10	2	5	21
K273311		<10	<1	0.41	20	0.37	3100	2	0.01	2	370	392	0.30	21	4	200
K273312		<10	<1	0.40	20	0.63	6690	2	0.01	<1	390	619	0.32	7	4	75
K273313		<10	1	0.42	20	0.47	7510	3	0.01	1	470	1120	0.61	15	3	54
K273314		<10	<1	0.28	20	0.04	976	2	0.01	3	440	63	0.09	3	4	20
K273315		<10	<1	0.26	30	0.14	743	2	0.04	3	480	32	0.07	2	4	17
K273316		10	1	0.26	10	1.20	625	49	0.35	315	690	8350	7.42	27	5	80
K273317		10	<1	0.28	30	0.51	502	2	0.05	2	580	22	0.02	2	6	37
K273318		10	<1	0.37	30	0.61	817	1	0.09	2	550	20	<0.01	<2	5	59
K273319		<10	<1	0.30	20	0.33	767	1	0.05	2	640	17	0.01	2	8	35

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Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11112840

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273284		<20	0.03	<10	<10	39	<10	61
K273285		20	0.02	<10	<10	38	<10	69
K273286		20	0.01	<10	<10	39	<10	62
K273287		<20	0.10	<10	<10	52	<10	45
K273288		20	0.04	<10	<10	47	<10	48
K273289		<20	0.04	<10	<10	44	<10	50
K273290		20	0.09	<10	<10	50	<10	50
K273291		20	0.08	<10	<10	51	<10	58
K273292		20	0.05	<10	<10	51	<10	68
K273293		<20	0.10	<10	<10	61	<10	56
K273294		<20	0.01	<10	<10	30	<10	659
K273295		20	0.06	<10	<10	49	<10	84
K273296		<20	<0.01	<10	<10	3	<10	15
K273297		<20	<0.01	<10	<10	40	<10	115
K273298		<20	<0.01	<10	<10	37	<10	115
K273299		<20	0.01	<10	<10	29	<10	80
K273300		<20	0.01	<10	<10	37	<10	53
K273301		<20	0.06	<10	<10	50	<10	44
K273302		20	0.04	<10	<10	45	<10	48
K273303		20	0.04	<10	<10	47	<10	55
K273304		20	0.11	<10	<10	57	<10	54
K273305		<20	0.03	<10	<10	44	<10	109
K273306		20	0.08	<10	<10	53	<10	87
K273307		<20	0.07	<10	<10	52	<10	84
K273308		<20	0.06	<10	<10	52	<10	178
K273309		<20	0.06	<10	<10	52	<10	183
K273310		20	0.01	<10	<10	37	<10	377
K273311		<20	0.01	<10	<10	23	<10	856
K273312		<20	<0.01	<10	<10	25	<10	976
K273313		<20	<0.01	<10	<10	19	<10	1710
K273314		20	<0.01	<10	<10	19	<10	655
K273315		20	0.02	<10	<10	28	<10	433
K273316		<20	0.06	<10	<10	327	<10	7540
K273317		20	0.04	<10	<10	45	<10	1095
K273318		20	0.11	<10	<10	53	<10	811
K273319		20	0.04	<10	<10	51	<10	527

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11112841

Project: Klaza TR- 23

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 19- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11112841

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K273248		2.23	<0.005	0.3	1.22	26	<10	450	0.5	<2	0.42	0.5	7	9	41	2.91
K273249		2.20	0.007	0.8	0.63	58	<10	590	0.7	3	0.24	1.4	7	6	22	3.65
K273250		2.29	<0.005	0.2	1.10	16	<10	580	0.5	<2	0.45	<0.5	7	9	16	2.89
K273251		1.88	<0.005	0.2	1.11	11	<10	700	0.5	<2	0.39	<0.5	7	8	28	2.90
K273252		1.60	<0.005	0.3	0.90	37	<10	550	0.6	<2	0.40	0.5	6	8	26	3.51
K273253		2.13	<0.005	0.4	0.67	35	<10	380	0.9	<2	0.28	<0.5	7	4	21	2.78
K273254		2.45	<0.005	0.2	0.80	17	<10	320	0.7	<2	0.26	<0.5	6	6	29	3.14
K273255		4.93	<0.005	0.3	1.22	20	<10	530	0.9	<2	0.31	<0.5	7	6	37	2.92
K273256		3.36	<0.005	<0.2	1.32	18	<10	390	0.8	2	0.28	0.8	7	8	32	3.03
K273257		2.57	0.063	3.6	0.83	288	<10	920	0.7	<2	3.09	35.3	7	6	31	6.85
K273258		2.86	<0.005	0.3	1.88	11	<10	550	0.7	<2	0.34	0.9	6	10	26	3.09
K273259		3.33	<0.005	0.2	1.67	10	<10	670	0.5	<2	0.48	<0.5	7	8	23	3.00
K273260		3.99	<0.005	0.2	1.63	13	<10	620	0.6	<2	0.41	<0.5	7	11	21	3.12
K273261		1.59	0.012	<0.2	1.61	21	<10	600	<0.5	<2	0.56	0.5	7	9	16	3.03
K273262		1.98	0.007	0.5	1.52	66	<10	490	0.6	<2	0.46	1.5	8	15	28	2.95
K273263		4.31	0.114	3.9	0.94	1490	<10	1310	0.9	3	0.23	7.1	14	5	67	4.41
K273264		1.72	<0.005	0.2	1.58	25	<10	500	0.5	<2	0.43	0.5	6	11	26	3.11
K273265		2.68	0.006	0.5	1.30	53	<10	560	0.8	<2	0.31	1.1	9	7	38	3.63
K273266		2.03	<0.005	0.2	1.43	12	<10	590	<0.5	<2	0.46	<0.5	6	9	15	2.81
K273267		2.39	0.005	0.3	1.32	33	<10	670	0.5	<2	0.38	0.7	7	8	18	2.80
K273268		3.42	0.105	1.0	0.76	641	<10	570	0.8	<2	0.36	3.3	7	4	12	3.62
K273269		2.99	<0.005	0.2	1.57	18	<10	860	0.7	<2	0.31	<0.5	7	8	16	3.18
K273270		2.15	0.066	1.1	0.57	253	<10	480	0.7	<2	0.41	3.7	8	2	13	4.15
K273271		3.53	0.055	1.6	0.61	370	<10	1210	0.8	<2	0.27	7.2	6	4	14	4.52
K273272		2.00	<0.005	0.3	1.21	15	<10	550	<0.5	<2	0.41	<0.5	6	9	10	2.98
K273273		1.75	<0.005	0.2	1.27	9	<10	590	<0.5	<2	0.47	<0.5	6	10	11	2.73
K273274		2.21	<0.005	0.3	1.12	8	<10	850	0.8	<2	0.22	1.1	8	8	12	3.67
K273275		2.96	<0.005	0.3	1.24	11	<10	430	0.7	<2	0.22	1.0	5	9	14	2.86
K273276		2.43	<0.005	0.3	1.03	13	<10	400	0.7	<2	0.21	1.4	7	7	13	3.12
K273277		2.09	0.007	0.4	0.85	34	<10	1420	1.1	<2	0.41	3.0	7	7	14	2.96
K273278		1.82	<0.005	0.3	0.03	<2	<10	20	<0.5	<2	19.1	<0.5	<1	1	2	0.43
K273279		2.66	0.200	1.7	0.61	127	<10	410	0.6	<2	0.25	7.9	6	5	51	3.34
K273280		0.13	1.480	34.3	4.88	152	<10	40	<0.5	<2	4.49	32.5	81	57	7650	7.99
K273281		2.22	0.005	0.9	1.03	24	<10	440	0.7	<2	0.29	0.6	8	8	25	2.95
K273282		5.25	0.007	0.6	1.03	15	<10	450	0.5	<2	0.32	<0.5	7	9	27	2.90
K273283		2.27	0.006	0.6	0.98	22	<10	390	0.6	<2	0.26	<0.5	7	8	35	2.64

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11112841

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273248		10	<1	0.25	20	0.50	1045	3	0.06	25	610	49	<0.01	<2	6	27
K273249		<10	1	0.27	30	0.06	3500	3	0.01	5	630	191	0.08	3	6	16
K273250		<10	<1	0.26	20	0.42	802	<1	0.06	3	640	17	<0.01	<2	6	26
K273251		<10	<1	0.29	20	0.32	674	<1	0.06	3	680	12	<0.01	<2	9	28
K273252		<10	<1	0.24	30	0.24	1640	<1	0.04	3	680	28	0.01	4	8	23
K273253		<10	<1	0.25	20	0.06	1065	<1	0.01	2	600	17	<0.01	6	8	15
K273254		<10	1	0.19	30	0.06	1160	<1	<0.01	2	670	8	<0.01	5	10	11
K273255		<10	<1	0.37	30	0.14	625	<1	0.01	3	640	9	<0.01	6	11	14
K273256		<10	<1	0.33	20	0.16	828	<1	0.02	2	610	11	<0.01	6	9	17
K273257		<10	2	0.43	30	0.14	12050	3	0.02	3	410	746	0.32	8	4	70
K273258		10	1	0.35	30	0.39	696	<1	0.03	3	610	14	<0.01	3	8	18
K273259		10	<1	0.42	20	0.49	580	<1	0.14	2	580	11	<0.01	<2	7	43
K273260		10	<1	0.36	20	0.40	681	<1	0.11	4	600	12	0.01	<2	8	34
K273261		10	1	0.41	20	0.49	646	<1	0.16	3	580	20	0.02	3	6	45
K273262		10	<1	0.31	20	0.40	1090	<1	0.08	6	630	68	<0.01	4	6	34
K273263		<10	<1	0.47	50	0.06	5980	2	0.01	4	540	458	0.03	19	5	34
K273264		10	<1	0.39	20	0.38	679	<1	0.13	4	630	16	<0.01	<2	8	39
K273265		<10	1	0.32	30	0.08	1545	<1	0.02	4	680	18	<0.01	3	10	16
K273266		10	<1	0.33	20	0.60	638	<1	0.12	2	640	10	<0.01	<2	6	36
K273267		10	<1	0.38	20	0.46	1035	<1	0.09	2	600	16	<0.01	2	8	30
K273268		<10	<1	0.40	20	0.08	3400	<1	0.01	2	580	143	0.13	9	7	24
K273269		10	<1	0.39	20	0.45	691	<1	0.02	2	690	13	<0.01	3	9	12
K273270		<10	<1	0.34	20	0.07	4590	<1	0.01	2	600	158	0.47	7	5	23
K273271		<10	1	0.32	20	0.05	7750	1	0.01	2	610	349	0.17	8	6	35
K273272		10	<1	0.31	20	0.42	642	<1	0.12	3	620	18	<0.01	<2	8	36
K273273		10	<1	0.35	20	0.50	522	<1	0.10	4	610	16	<0.01	<2	5	31
K273274		<10	<1	0.25	30	0.20	936	1	0.01	4	630	10	<0.01	5	13	10
K273275		<10	1	0.22	20	0.16	687	<1	0.01	3	630	12	<0.01	4	10	9
K273276		<10	1	0.22	30	0.14	829	<1	0.01	2	620	18	<0.01	5	10	9
K273277		<10	1	0.25	20	0.05	1170	1	0.02	3	600	30	0.03	4	11	23
K273278		<10	<1	0.02	<10	11.95	204	1	<0.01	<1	180	<2	<0.01	<2	<1	54
K273279		<10	1	0.30	30	0.10	3250	1	0.01	2	550	362	0.05	5	5	20
K273280		10	1	0.24	<10	1.11	605	50	0.32	320	700	8770	7.74	33	4	78
K273281		<10	1	0.27	30	0.17	1095	2	0.02	4	640	47	0.03	2	9	14
K273282		<10	1	0.26	20	0.28	743	10	0.05	4	600	21	0.01	2	8	18
K273283		<10	<1	0.26	30	0.16	659	3	0.03	5	630	31	<0.01	<2	6	14

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11112841

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273248		<20	0.08	<10	<10	53	<10	89
K273249		<20	<0.01	<10	<10	21	<10	126
K273250		<20	0.08	<10	<10	51	<10	52
K273251		<20	0.06	<10	<10	56	<10	50
K273252		<20	0.02	<10	<10	48	<10	103
K273253		<20	<0.01	<10	<10	33	<10	62
K273254		<20	0.01	<10	<10	46	<10	76
K273255		<20	0.01	<10	<10	45	<10	49
K273256		<20	0.02	<10	<10	49	<10	97
K273257		<20	<0.01	<10	<10	21	<10	2070
K273258		20	0.04	<10	<10	53	<10	129
K273259		<20	0.09	<10	<10	61	<10	59
K273260		<20	0.07	<10	<10	60	<10	58
K273261		<20	0.09	<10	<10	56	<10	65
K273262		<20	0.08	<10	<10	54	<10	149
K273263		20	<0.01	<10	<10	17	<10	498
K273264		<20	0.05	<10	<10	55	<10	71
K273265		<20	<0.01	<10	<10	48	<10	113
K273266		<20	0.12	<10	<10	64	<10	59
K273267		20	0.09	<10	<10	55	<10	88
K273268		<20	0.01	<10	<10	22	<10	308
K273269		20	0.10	<10	<10	61	<10	82
K273270		<20	<0.01	<10	<10	13	<10	311
K273271		<20	<0.01	<10	<10	16	<10	464
K273272		<20	0.07	<10	<10	55	<10	62
K273273		<20	0.13	<10	<10	58	<10	56
K273274		20	0.06	<10	<10	66	<10	96
K273275		20	0.04	<10	<10	58	<10	89
K273276		<20	0.03	<10	<10	54	<10	124
K273277		<20	<0.01	<10	<10	43	<10	282
K273278		<20	<0.01	<10	<10	2	<10	16
K273279		<20	0.01	<10	<10	26	<10	698
K273280		<20	0.05	<10	<10	314	<10	7770
K273281		20	0.02	<10	<10	44	<10	120
K273282		20	0.04	<10	<10	48	<10	69
K273283		<20	0.02	<10	<10	41	<10	56

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VANCOUVER BC V6B 1L8

Finalized Date: 11- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11115166

Project: Klaza Trench 24

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115166

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273374		0.85	<0.005	<0.2	2.25	5	<10	480	0.8	<2	0.55	<0.5	8	9	16	2.99
K273375		1.50	0.030	3.0	0.55	192	<10	270	0.6	<2	0.19	3.7	7	4	29	3.47
K273376		1.94	0.006	0.6	0.90	43	<10	370	0.7	<2	0.24	1.8	9	4	10	3.06
K273377		1.98	<0.005	0.6	1.22	38	<10	600	0.8	<2	0.33	0.7	9	6	9	3.09
K273378		2.09	<0.005	0.2	1.61	20	<10	570	0.8	<2	0.43	<0.5	7	6	7	3.01
K273379		1.89	<0.005	0.2	1.13	14	<10	330	0.7	<2	0.30	<0.5	8	8	13	2.92
K273380		2.20	<0.005	<0.2	1.28	47	<10	580	0.8	<2	0.51	<0.5	8	6	8	3.03
K273381		2.19	<0.005	0.2	0.86	56	<10	590	1.1	<2	0.95	<0.5	8	4	5	2.92
K273382		1.90	<0.005	<0.2	0.77	17	<10	540	0.9	<2	1.32	<0.5	8	4	10	2.74
K273383		2.43	<0.005	0.2	1.22	18	<10	280	0.7	<2	0.33	<0.5	8	8	8	2.99
K273384		1.90	<0.005	<0.2	1.46	6	<10	360	0.6	<2	0.35	<0.5	7	8	15	2.89
K273385		2.07	0.013	0.4	0.73	59	<10	330	0.9	<2	0.28	1.4	8	4	15	3.09
K273386		2.37	0.008	0.3	0.92	41	<10	300	0.9	<2	0.32	0.8	7	6	12	3.03
K273387		2.08	0.007	0.4	0.90	14	<10	520	0.8	<2	0.29	0.7	9	5	12	3.40
K273388		2.92	0.005	0.2	0.75	41	<10	470	0.9	<2	0.59	0.9	7	4	10	3.17
K273389		2.75	0.011	0.4	0.93	65	<10	160	1.3	<2	0.25	0.8	7	3	11	2.61
K273390		1.70	0.077	1.0	0.83	338	<10	350	1.4	<2	0.24	3.8	9	4	24	2.99
K273391		2.53	<0.005	0.2	0.69	54	<10	330	1.0	<2	0.24	2.4	7	2	6	2.87
K273392		2.04	<0.005	0.2	0.71	39	<10	320	0.9	<2	0.23	2.6	8	3	5	2.80
K273393		2.68	<0.005	<0.2	0.75	26	<10	3390	0.9	<2	0.23	2.1	7	3	8	2.82
K273394		2.05	<0.005	<0.2	0.82	41	<10	2860	0.9	<2	0.22	2.1	9	4	7	3.10
K273395		2.99	0.016	0.4	0.72	24	<10	330	0.9	<2	0.14	2.5	10	4	12	5.08
K273396		2.01	0.009	0.4	0.72	36	<10	430	0.9	<2	0.19	1.6	11	4	8	3.33
K273397		1.89	0.011	0.7	0.63	61	<10	430	0.9	<2	0.19	0.8	11	5	5	3.02
K273398		3.12	0.014	0.7	0.69	54	<10	560	1.0	<2	0.17	<0.5	11	3	4	3.25
K273399		2.74	<0.005	<0.2	0.06	3	<10	10	<0.5	<2	19.1	<0.5	1	<1	2	0.42
K273400		2.16	<0.005	0.3	0.65	20	<10	470	0.8	<2	0.20	1.2	7	4	5	3.10
K273401		2.25	0.013	2.9	0.58	40	<10	640	0.8	<2	0.17	2.3	8	4	19	3.32
K273402		2.65	0.017	1.2	0.58	126	<10	890	0.8	<2	0.17	3.5	13	3	10	3.43
K273403		2.52	0.101	6.9	0.56	450	<10	2220	0.5	<2	0.10	4.0	7	3	84	5.17
K273404		2.08	0.018	1.0	0.63	125	<10	790	0.8	<2	0.20	3.1	6	3	15	3.13
K273405		1.59	0.020	1.2	0.53	183	<10	1080	0.7	<2	0.18	4.9	8	2	16	3.44
K273406		3.16	0.008	0.4	0.61	92	<10	420	0.8	<2	0.23	2.6	5	4	7	2.58
K273407		0.09	1.220	32.9	4.82	150	<10	30	<0.5	8	4.62	32.2	85	58	6920	8.15
K273408		2.55	0.035	1.6	0.60	236	<10	1820	0.8	<2	0.19	3.3	7	3	23	3.51
K273409		2.97	0.024	0.8	0.53	173	<10	980	0.8	<2	0.19	1.5	7	3	11	3.65

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115166

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273374		10	<1	0.26	20	0.61	547	1	0.05	4	630	8	0.01	2	8	28
K273375		<10	<1	0.28	30	0.04	1340	3	0.02	2	540	827	0.17	4	3	17
K273376		<10	<1	0.20	30	0.14	1685	2	0.02	3	580	84	0.02	<2	5	17
K273377		<10	<1	0.28	30	0.20	1615	1	0.03	3	650	20	0.06	<2	6	22
K273378		<10	<1	0.24	20	0.43	842	<1	0.04	2	570	15	0.03	<2	6	28
K273379		<10	<1	0.20	20	0.22	861	1	0.02	4	700	17	0.01	<2	9	13
K273380		<10	<1	0.32	30	0.31	1135	2	0.03	4	610	18	0.01	<2	6	18
K273381		<10	<1	0.25	30	0.07	1170	2	0.02	4	630	22	0.03	<2	7	24
K273382		<10	<1	0.28	20	0.10	1270	1	0.02	3	600	16	0.02	<2	5	29
K273383		<10	<1	0.20	20	0.28	806	2	0.03	3	690	15	0.01	<2	9	16
K273384		10	<1	0.20	30	0.38	837	1	0.03	2	730	11	0.01	<2	9	17
K273385		<10	<1	0.31	30	0.07	2050	2	0.02	4	680	60	0.02	<2	7	25
K273386		<10	<1	0.33	30	0.11	1335	2	0.03	3	660	33	0.02	<2	7	22
K273387		<10	<1	0.25	30	0.06	1050	2	0.02	3	680	24	0.07	<2	6	17
K273388		<10	<1	0.30	30	0.05	1425	1	0.02	3	640	18	0.03	<2	6	19
K273389		<10	<1	0.28	20	0.06	428	1	0.02	3	570	49	0.01	<2	5	17
K273390		<10	<1	0.27	30	0.06	980	2	0.02	5	470	171	0.03	<2	5	39
K273391		<10	<1	0.33	30	0.05	1225	1	0.02	2	600	26	0.02	<2	4	22
K273392		<10	<1	0.30	30	0.04	904	1	0.01	3	630	9	0.02	<2	4	20
K273393		<10	<1	0.32	30	0.04	833	1	0.05	3	690	6	0.09	<2	3	53
K273394		<10	<1	0.38	30	0.04	733	1	0.05	3	660	10	0.08	<2	3	47
K273395		<10	<1	0.33	20	0.05	1150	1	0.02	3	540	10	0.03	<2	3	25
K273396		<10	1	0.36	20	0.05	1475	1	0.02	3	620	13	0.02	<2	3	35
K273397		<10	<1	0.33	20	0.04	1410	1	0.02	4	640	12	0.02	2	3	36
K273398		<10	1	0.34	20	0.05	1305	1	0.02	3	600	14	0.03	2	3	47
K273399		<10	<1	0.04	<10	11.90	191	<1	0.02	2	200	2	0.02	<2	<1	52
K273400		<10	<1	0.37	20	0.06	1480	1	0.02	2	610	8	0.03	<2	3	33
K273401		<10	1	0.34	20	0.04	1930	1	0.02	3	590	631	0.08	2	3	37
K273402		<10	1	0.37	20	0.04	2800	3	0.02	4	610	236	0.08	3	3	30
K273403		<10	1	0.27	10	0.03	3440	4	0.04	3	440	2320	0.12	17	3	44
K273404		<10	1	0.34	20	0.05	2150	2	0.02	1	610	162	0.06	3	4	24
K273405		<10	1	0.27	20	0.05	2920	2	0.03	4	550	256	0.08	6	4	23
K273406		<10	<1	0.29	20	0.06	2180	1	0.02	3	660	53	0.04	<2	4	19
K273407		10	<1	0.25	10	1.17	641	48	0.34	324	680	8440	7.29	23	4	77
K273408		<10	1	0.29	20	0.05	4570	2	0.03	3	500	262	0.10	4	4	41
K273409		<10	<1	0.27	20	0.05	4870	1	0.02	2	560	109	0.06	4	4	25

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Finalized Date: 11- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115166

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273374		<20	0.06	<10	<10	65	<10	44
K273375		<20	<0.01	<10	<10	15	<10	890
K273376		<20	<0.01	<10	<10	31	<10	287
K273377		20	0.01	<10	<10	36	<10	94
K273378		<20	0.03	<10	<10	45	<10	77
K273379		20	0.01	<10	<10	47	<10	63
K273380		<20	0.03	<10	<10	45	<10	59
K273381		<20	<0.01	<10	<10	28	<10	68
K273382		<20	<0.01	<10	<10	22	<10	63
K273383		<20	0.01	<10	<10	51	<10	78
K273384		20	0.02	<10	<10	52	<10	56
K273385		<20	<0.01	<10	<10	29	<10	296
K273386		<20	<0.01	<10	<10	34	<10	162
K273387		20	<0.01	<10	<10	32	<10	178
K273388		<20	<0.01	<10	<10	29	<10	215
K273389		<20	<0.01	<10	<10	19	<10	413
K273390		<20	<0.01	<10	<10	18	<10	651
K273391		<20	<0.01	<10	<10	13	<10	257
K273392		<20	<0.01	<10	<10	12	<10	280
K273393		<20	<0.01	<10	<10	15	<10	335
K273394		<20	<0.01	<10	<10	15	<10	390
K273395		<20	<0.01	<10	<10	18	<10	546
K273396		<20	<0.01	<10	<10	16	<10	261
K273397		<20	<0.01	<10	<10	13	<10	165
K273398		<20	<0.01	<10	<10	14	<10	91
K273399		<20	<0.01	<10	<10	2	<10	15
K273400		<20	<0.01	<10	<10	15	<10	132
K273401		<20	<0.01	<10	<10	11	<10	487
K273402		<20	<0.01	<10	<10	13	<10	651
K273403		<20	<0.01	<10	<10	12	<10	1900
K273404		<20	<0.01	<10	<10	12	<10	492
K273405		<20	<0.01	<10	<10	11	<10	716
K273406		<20	<0.01	<10	<10	11	<10	343
K273407		<20	0.06	<10	10	320	<10	7810
K273408		<20	<0.01	<10	<10	11	<10	760
K273409		<20	<0.01	<10	<10	11	<10	361

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11115167

Project: Klaza Trench 24

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11115167

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273338		2.21	<0.005	0.2	1.05	9	<10	550	0.5	2	0.78	0.7	8	8	6	2.70
K273339		2.89	<0.005	<0.2	1.62	10	<10	310	0.8	2	0.37	<0.5	8	8	8	3.05
K273340		2.80	<0.005	0.3	1.09	13	<10	260	0.8	2	0.45	<0.5	7	6	8	2.97
K273341		2.42	<0.005	0.2	0.59	15	<10	2240	0.7	2	1.05	1.5	8	4	6	2.69
K273342		2.65	0.005	0.3	0.90	18	<10	1070	0.7	2	0.80	1.1	9	6	11	3.04
K273343		2.40	<0.005	0.4	1.01	35	<10	920	0.8	3	0.64	0.6	9	7	12	3.17
K273344		2.23	<0.005	0.2	1.50	13	<10	320	0.6	3	0.37	<0.5	8	8	10	3.09
K273345		1.67	0.012	0.7	0.64	78	<10	490	0.8	3	0.70	0.5	9	4	23	3.31
K273346		2.91	<0.005	0.2	1.33	14	<10	420	0.7	3	0.38	<0.5	9	7	11	3.10
K273347		2.49	<0.005	0.2	1.12	13	<10	420	0.8	2	3.30	<0.5	7	4	2	2.55
K273348		3.05	<0.005	<0.2	1.50	4	<10	310	0.6	2	1.13	<0.5	7	7	6	2.90
K273349		2.31	<0.005	0.2	1.30	3	<10	340	<0.5	2	0.58	<0.5	7	9	8	2.85
K273350		2.42	<0.005	0.2	1.07	15	<10	330	0.5	2	0.47	<0.5	7	7	9	2.78
K273351		2.92	<0.005	0.2	1.66	7	<10	350	0.6	2	0.47	<0.5	8	9	14	2.88
K273352		2.75	<0.005	0.2	1.64	6	<10	330	0.6	2	0.43	<0.5	8	9	14	2.96
K273353		5.01	0.007	0.3	1.74	12	<10	340	0.8	2	0.45	<0.5	9	10	15	3.15
K273354		2.66	<0.005	0.3	1.70	8	<10	310	0.7	2	0.49	0.6	8	9	13	2.99
K273355		2.48	<0.005	<0.2	1.40	7	<10	380	0.5	2	0.55	0.5	8	9	13	2.90
K273356		3.25	<0.005	0.3	1.21	10	<10	440	0.8	2	0.37	0.6	9	7	19	2.84
K273357		2.08	<0.005	0.5	0.67	30	<10	2540	0.9	2	4.12	0.9	8	3	11	3.64
K273358		2.89	<0.005	0.2	1.76	5	<10	380	0.7	<2	0.59	<0.5	8	8	11	3.16
K273359		2.12	<0.005	0.2	1.59	4	<10	250	0.7	<2	0.57	<0.5	7	8	7	2.80
K273360		2.16	<0.005	0.2	1.60	6	<10	240	0.6	<2	0.51	<0.5	8	8	10	2.83
K273361		2.84	<0.005	0.3	1.41	8	<10	340	0.5	<2	0.42	<0.5	7	8	13	2.77
K273362		2.05	0.097	1.6	0.73	65	<10	720	0.7	<2	0.22	2.5	8	5	35	4.78
K273363		0.11	1.575	35.5	5.03	153	<10	50	<0.5	<2	4.39	33.1	87	60	7240	8.43
K273364		2.17	0.005	0.4	1.34	16	<10	430	0.6	<2	0.48	<0.5	9	8	25	3.25
K273365		Not Recvd														
K273366		2.70	<0.005	0.3	1.26	21	<10	530	<0.5	<2	0.39	0.5	7	8	15	2.93
K273367		2.37	0.009	1.1	1.13	318	<10	500	0.6	<2	0.34	1.1	8	7	14	3.69
K273368		2.74	<0.005	0.3	1.34	23	<10	440	0.5	<2	0.39	<0.5	7	8	13	2.90
K273369		2.58	<0.005	0.2	1.33	13	<10	340	0.5	<2	0.50	<0.5	8	9	14	2.77
K273370		2.87	<0.005	0.2	1.27	14	<10	310	0.5	<2	0.46	<0.5	7	9	14	2.71
K273371		1.82	<0.005	0.2	1.45	4	<10	400	<0.5	<2	0.54	<0.5	7	11	15	2.96
K273372		1.07	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	18.8	<0.5	1	3	1	0.45
K273373		1.33	<0.005	0.2	1.74	5	<10	460	0.7	<2	0.56	<0.5	8	8	16	3.02

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CERTIFICATE OF ANALYSIS WH11115167

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273338		<10	<1	0.21	20	0.46	668	1	0.06	2	630	8	0.03	<2	6	39
K273339		<10	<1	0.27	20	0.25	754	1	0.01	2	650	10	<0.01	3	10	20
K273340		<10	<1	0.23	30	0.22	897	2	0.01	1	670	11	<0.01	<2	8	23
K273341		<10	1	0.27	30	0.05	1375	4	0.03	1	620	9	0.06	<2	4	71
K273342		<10	1	0.28	30	0.20	1445	3	0.04	1	640	11	0.04	<2	5	37
K273343		<10	<1	0.34	30	0.16	2740	4	0.02	1	610	20	0.04	<2	6	40
K273344		10	<1	0.19	30	0.48	871	2	0.02	1	660	9	0.01	2	8	18
K273345		<10	1	0.32	30	0.05	2090	3	0.01	1	610	19	0.17	4	5	27
K273346		<10	<1	0.22	30	0.37	1135	2	0.01	2	650	10	0.01	<2	8	17
K273347		<10	<1	0.42	30	0.20	1685	1	0.02	1	660	16	0.02	<2	5	62
K273348		10	<1	0.19	30	0.55	1080	3	0.02	1	590	8	0.01	<2	6	52
K273349		10	<1	0.24	20	0.58	736	2	0.08	2	590	6	0.01	<2	6	36
K273350		<10	<1	0.24	20	0.41	1445	51	0.03	1	550	11	0.03	<2	5	22
K273351		10	<1	0.17	20	0.61	947	2	0.04	2	590	9	<0.01	<2	7	27
K273352		10	<1	0.18	20	0.63	935	3	0.03	2	640	9	0.01	<2	7	24
K273353		10	<1	0.16	30	0.65	996	2	0.01	2	690	16	0.01	2	6	19
K273354		10	<1	0.14	20	0.59	917	1	0.01	2	670	13	<0.01	<2	7	22
K273355		10	<1	0.22	20	0.64	732	1	0.07	2	630	10	0.01	<2	6	32
K273356		<10	<1	0.23	30	0.27	1470	2	0.01	2	700	12	<0.01	2	7	19
K273357		<10	<1	0.30	30	0.10	2770	3	0.01	1	500	22	0.09	2	4	67
K273358		10	<1	0.18	20	0.73	870	<1	0.02	3	670	9	0.01	<2	7	25
K273359		10	<1	0.16	20	0.63	686	<1	0.05	3	610	23	0.01	<2	6	28
K273360		10	<1	0.14	20	0.69	804	<1	0.05	3	630	16	0.01	<2	6	32
K273361		<10	<1	0.20	30	0.62	1275	<1	0.06	3	640	14	0.01	2	6	29
K273362		<10	<1	0.32	30	0.06	3520	3	0.01	4	600	195	0.20	<2	7	18
K273363		10	1	0.25	10	1.20	666	51	0.34	310	710	8310	7.66	29	5	83
K273364		<10	<1	0.26	20	0.50	1105	1	0.07	4	680	36	0.02	<2	7	32
K273365																
K273366		<10	<1	0.28	20	0.49	871	1	0.09	3	630	13	0.01	<2	7	31
K273367		<10	1	0.31	30	0.28	2220	2	0.03	3	670	117	0.07	2	7	23
K273368		<10	<1	0.23	20	0.57	996	1	0.07	3	640	11	0.05	<2	7	28
K273369		10	<1	0.20	20	0.59	713	<1	0.08	4	660	12	0.01	<2	6	32
K273370		<10	<1	0.17	20	0.52	633	1	0.06	3	640	8	0.01	<2	6	26
K273371		10	<1	0.23	20	0.68	683	1	0.09	4	670	8	0.01	<2	7	34
K273372		<10	<1	0.05	10	11.50	204	<1	0.01	3	170	2	0.02	<2	<1	51
K273373		10	<1	0.20	30	0.63	568	<1	0.02	4	690	7	0.01	<2	7	25

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115167

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273338		<20	0.03	<10	<10	46	<10	81
K273339		20	0.01	<10	<10	51	<10	88
K273340		20	<0.01	<10	<10	43	<10	101
K273341		<20	<0.01	<10	<10	23	<10	185
K273342		<20	0.01	<10	<10	33	<10	200
K273343		<20	0.01	<10	<10	34	<10	134
K273344		<20	0.01	<10	<10	51	<10	63
K273345		<20	<0.01	<10	<10	22	<10	102
K273346		20	0.02	<10	<10	51	<10	62
K273347		20	<0.01	<10	<10	24	<10	67
K273348		<20	0.01	<10	<10	47	<10	47
K273349		<20	0.06	<10	<10	56	<10	40
K273350		<20	0.02	<10	<10	37	<10	60
K273351		<20	0.03	<10	<10	57	<10	45
K273352		<20	0.03	<10	<10	58	<10	72
K273353		20	0.01	<10	<10	55	<10	113
K273354		20	0.01	<10	<10	56	<10	92
K273355		<20	0.06	<10	<10	59	<10	75
K273356		20	0.01	<10	<10	42	<10	108
K273357		<20	<0.01	<10	<10	17	<10	146
K273358		20	0.03	<10	<10	63	<10	66
K273359		<20	0.03	<10	<10	54	<10	67
K273360		<20	0.02	<10	<10	51	<10	72
K273361		<20	0.04	<10	<10	48	<10	93
K273362		<20	<0.01	<10	<10	29	<10	400
K273363		<20	0.06	<10	10	331	<10	7660
K273364		<20	0.06	<10	<10	62	<10	127
K273365								
K273366		<20	0.07	<10	<10	56	<10	104
K273367		<20	0.02	<10	<10	44	<10	173
K273368		<20	0.05	<10	<10	56	<10	98
K273369		<20	0.10	<10	<10	60	<10	60
K273370		<20	0.07	<10	<10	56	<10	59
K273371		<20	0.12	<10	<10	64	<10	52
K273372		<20	<0.01	<10	<10	3	<10	16
K273373		<20	0.06	<10	<10	61	<10	41

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VANCOUVER BC V6B 1L8

Finalized Date: 13- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11115168

Project: Klaza Trench 24

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115168

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273446		1.98	0.030	2.9	0.84	24	<10	1020	0.8	18	0.33	0.5	8	3	41	3.13
K273447		2.27	0.019	4.4	0.72	68	<10	1030	0.6	45	0.21	0.5	9	4	153	2.70
K273448		2.10	0.015	12.7	0.61	59	<10	750	0.5	106	0.19	<0.5	8	4	139	2.41
K273449		2.35	0.009	4.1	0.76	39	<10	810	0.7	22	0.27	<0.5	8	5	44	2.82
K273450		2.41	0.011	1.5	0.73	31	<10	550	0.8	6	0.21	<0.5	8	3	20	2.76
K273451		2.50	0.008	1.4	0.69	33	<10	1550	0.8	3	0.25	<0.5	10	4	13	3.06
K273452		2.71	0.010	0.7	0.84	25	<10	1040	0.8	<2	0.26	<0.5	7	5	12	2.77
K273453		3.37	0.006	0.7	1.00	12	<10	1450	0.8	<2	0.28	<0.5	9	6	13	2.99
K273454		2.73	0.007	0.6	0.97	18	<10	930	0.9	<2	0.31	<0.5	9	5	11	2.90
K273455		2.65	0.012	0.7	0.97	27	<10	730	0.9	<2	0.29	<0.5	7	5	10	2.87
K273456		2.41	0.011	1.4	0.75	61	<10	940	0.8	3	0.35	<0.5	9	4	15	2.81
K273457		0.13	1.445	34.4	4.86	146	<10	50	<0.5	12	4.26	31.9	84	59	6920	8.13
K273458		2.31	0.018	1.4	0.85	150	<10	860	1.0	<2	0.32	0.5	8	4	33	3.09
K273459		4.08	0.099	1.8	0.97	203	<10	1170	1.5	4	1.47	0.9	12	3	12	7.63
K273460		3.18	0.012	0.4	1.01	51	<10	2750	1.9	<2	0.50	0.8	8	3	9	8.16
K273461		3.76	0.010	0.6	0.88	79	<10	480	1.4	2	0.47	0.8	10	3	6	5.25
K273462		3.29	0.007	0.4	1.06	75	<10	360	1.7	3	0.47	0.7	12	3	10	5.41
K273463		1.94	0.018	1.6	1.06	71	<10	270	1.7	2	0.61	1.1	12	4	18	5.30
K273464		3.08	<0.005	<0.2	0.03	2	<10	10	<0.5	<2	18.6	<0.5	1	<1	1	0.39
K273465		3.50	0.051	2.3	0.58	127	<10	810	0.7	<2	0.48	2.6	7	3	25	4.01
K273466		3.00	0.008	0.5	0.78	22	<10	1250	0.8	<2	0.26	0.7	10	5	10	3.02
K273467		4.23	0.014	1.0	0.99	81	<10	530	1.5	9	0.36	1.2	6	4	18	5.96
K273468		4.21	0.015	0.5	0.55	76	<10	500	0.7	<2	0.25	0.5	8	4	15	2.80
K273469		1.64	0.193	1.8	0.48	142	<10	1540	0.5	4	0.23	0.9	6	4	31	4.10
K273470		4.34	0.009	0.5	0.60	12	<10	820	0.7	<2	0.24	0.5	8	4	15	2.84
K273471		5.79	0.028	0.5	0.71	29	<10	1210	0.7	3	0.25	0.5	10	4	19	2.93
K273472		2.01	0.155	5.8	0.50	217	<10	30	0.6	2	1.68	324	9	3	68	5.55
K273473		2.52	0.009	0.4	0.90	16	<10	2150	0.6	2	0.24	1.9	9	6	9	3.01
K273474		3.35	0.121	8.2	0.54	325	<10	650	0.7	2	0.20	8.6	9	4	29	4.02
K273475		4.61	0.007	0.4	0.82	8	<10	2890	0.7	2	0.24	0.8	8	5	7	2.73
K273476		2.24	0.013	0.9	0.59	20	<10	1020	0.7	<2	0.22	1.3	10	4	33	3.63
K273477		2.32	0.020	0.3	0.67	36	<10	1750	0.7	<2	0.23	2.4	12	4	14	3.57
K273479		2.76	0.150	3.7	0.62	86	<10	1060	0.9	<2	0.22	7.4	23	4	61	3.30
K273478		2.47	0.008	0.4	0.67	22	<10	1760	0.7	<2	0.22	2.8	10	4	13	2.99
K273480		2.16	0.016	0.6	0.64	33	<10	470	0.7	2	0.16	3.9	19	3	16	3.94
K273481		4.14	0.261	2.8	0.52	206	<10	200	<0.5	3	0.08	<0.5	3	3	16	6.02

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115168

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273446		<10	<1	0.31	30	0.07	2240	1	<0.01	4	760	48	0.03	8	4	20
K273447		<10	<1	0.25	30	0.04	1910	3	<0.01	4	680	67	0.04	27	4	21
K273448		<10	<1	0.23	30	0.03	1540	2	<0.01	4	620	104	0.03	18	4	15
K273449		<10	<1	0.28	30	0.06	1835	<1	0.02	4	700	60	0.03	8	5	21
K273450		<10	<1	0.24	20	0.05	1850	2	<0.01	3	540	34	0.02	4	4	18
K273451		<10	1	0.30	30	0.04	1920	1	<0.01	4	650	33	0.06	3	5	28
K273452		<10	<1	0.21	20	0.08	1245	<1	0.02	4	690	20	0.03	4	6	22
K273453		<10	<1	0.23	30	0.10	1155	<1	0.01	4	710	17	0.04	3	6	28
K273454		<10	<1	0.23	20	0.11	1230	<1	0.01	5	750	24	0.02	3	7	21
K273455		<10	<1	0.19	20	0.09	1495	<1	0.02	4	700	26	0.02	10	7	17
K273456		<10	<1	0.25	30	0.05	1705	<1	<0.01	3	680	36	0.03	4	5	17
K273457		10	1	0.25	10	1.16	640	51	0.33	299	690	7980	7.38	24	4	80
K273458		<10	1	0.24	30	0.05	1920	<1	<0.01	5	780	44	0.03	6	6	18
K273459		<10	2	0.34	50	0.13	4030	<1	<0.01	6	900	63	0.24	9	10	35
K273460		<10	1	0.32	10	0.13	3390	<1	0.01	4	1040	27	0.09	7	17	48
K273461		<10	2	0.22	30	0.09	2510	<1	<0.01	4	890	40	0.02	13	12	21
K273462		<10	2	0.32	10	0.09	2170	<1	<0.01	5	950	35	0.03	9	13	21
K273463		<10	2	0.23	10	0.11	2910	1	<0.01	6	980	44	0.02	8	14	28
K273464		<10	<1	0.02	10	11.30	182	<1	<0.01	2	200	2	0.02	<2	<1	54
K273465		<10	1	0.31	20	0.08	4000	1	<0.01	3	540	247	0.24	8	4	17
K273466		<10	<1	0.29	30	0.05	1495	<1	<0.01	4	690	17	0.04	2	4	27
K273467		<10	<1	0.39	20	0.07	2650	1	0.01	5	900	58	0.03	50	8	15
K273468		<10	<1	0.30	20	0.04	2320	1	0.01	2	630	41	0.03	4	4	15
K273469		<10	<1	0.28	30	0.06	2920	1	0.01	2	410	171	0.15	8	3	38
K273470		<10	1	0.30	30	0.05	1645	1	0.01	2	650	19	0.02	2	3	16
K273471		<10	<1	0.31	30	0.12	1885	<1	0.02	2	640	15	0.04	<2	3	26
K273472		<10	2	0.32	20	0.44	12450	<1	0.01	2	450	486	3.10	9	3	37
K273473		<10	1	0.26	30	0.23	1175	<1	0.03	2	640	46	0.06	<2	3	45
K273474		<10	1	0.31	30	0.04	5540	1	0.01	2	510	2210	0.07	12	4	17
K273475		<10	1	0.26	20	0.17	1005	<1	0.02	2	620	22	0.08	<2	4	66
K273476		<10	<1	0.31	30	0.05	2070	<1	0.02	2	610	40	0.06	10	3	24
K273477		<10	<1	0.31	30	0.05	3080	<1	0.01	2	630	35	0.07	3	4	34
K273479		<10	1	0.32	20	0.04	4770	<1	0.01	3	650	192	0.08	13	4	26
K273478		<10	<1	0.33	20	0.04	1855	<1	0.01	2	630	53	0.08	2	3	31
K273480		<10	<1	0.37	30	0.04	4470	<1	0.01	3	640	62	0.06	2	4	17
K273481		<10	<1	0.41	10	0.03	263	1	0.01	<1	540	231	0.25	8	2	25

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CERTIFICATE OF ANALYSIS WH11115168

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
K273446		20	<0.01	<10	<10	20	<10	237	
K273447		<20	<0.01	<10	<10	18	<10	215	
K273448		<20	<0.01	<10	<10	15	<10	212	
K273449		<20	0.01	<10	<10	24	<10	210	
K273450		20	<0.01	<10	<10	20	<10	189	
K273451		<20	<0.01	<10	<10	27	<10	137	
K273452		<20	<0.01	<10	<10	32	<10	151	
K273453		<20	<0.01	<10	<10	34	<10	151	
K273454		<20	<0.01	<10	<10	34	<10	151	
K273455		20	<0.01	<10	<10	31	<10	148	
K273456		<20	<0.01	<10	<10	24	<10	130	
K273457		<20	0.06	<10	10	321	<10	7350	
K273458		<20	<0.01	<10	<10	25	<10	194	
K273459		20	<0.01	<10	<10	61	<10	237	
K273460		20	<0.01	<10	10	74	<10	246	
K273461		20	<0.01	<10	<10	50	<10	195	
K273462		20	<0.01	<10	<10	59	<10	210	
K273463		20	<0.01	<10	<10	56	<10	349	
K273464		<20	<0.01	<10	<10	2	<10	16	
K273465		<20	<0.01	<10	<10	15	<10	423	
K273466		<20	<0.01	<10	<10	24	<10	163	
K273467		20	0.01	<10	<10	70	10	183	
K273468		<20	<0.01	<10	<10	16	<10	108	
K273469		<20	<0.01	<10	<10	12	<10	256	
K273470		<20	<0.01	<10	<10	16	<10	90	
K273471		<20	<0.01	<10	<10	17	<10	110	
K273472		<20	<0.01	<10	<10	8	<10	>10000	3.86
K273473		<20	<0.01	<10	<10	26	<10	321	
K273474		<20	<0.01	<10	<10	10	<10	1520	
K273475		<20	<0.01	<10	<10	22	<10	163	
K273476		<20	<0.01	<10	<10	20	<10	210	
K273477		<20	<0.01	<10	<10	16	<10	441	
K273479		<20	<0.01	<10	<10	14	<10	768	
K273478		<20	<0.01	<10	<10	16	<10	461	
K273480		<20	<0.01	<10	<10	11	<10	374	
K273481		<20	<0.01	<10	<10	13	<10	270	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11115169

Project: Klaza Trench 24

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115169

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273482		2.66	0.051	0.5	0.59	84	<10	280	<0.5	<2	0.11	1.1	5	4	13	6.17
K273483		2.73	0.015	0.5	0.65	76	<10	730	0.8	<2	0.47	7.6	17	3	12	3.30
K273484		2.80	<0.005	0.2	1.01	19	<10	460	0.7	<2	0.44	4.2	12	5	5	2.83
K273485		2.54	0.005	0.3	1.42	18	<10	800	0.6	<2	0.49	4.0	13	7	7	3.20
K273486		3.06	0.006	0.2	0.70	14	<10	530	0.7	<2	0.34	4.5	10	4	4	2.99
K273487		2.49	0.021	0.5	0.84	40	<10	710	0.6	<2	0.34	5.4	7	4	8	3.10
K273488		3.22	0.068	1.0	0.88	101	<10	700	0.7	<2	0.38	7.5	8	5	21	4.41
K273489		2.48	0.014	0.2	0.82	38	<10	1120	0.7	<2	0.31	7.3	11	4	6	3.49
K273490		2.26	0.367	1.2	0.78	299	<10	170	0.6	<2	0.20	12.8	27	4	16	9.29
K273491		3.04	0.020	0.4	0.83	87	<10	960	1.0	2	0.28	12.3	9	3	7	3.79
K273492		3.46	0.011	0.4	0.84	39	<10	1800	0.9	<2	0.26	6.8	10	6	4	3.28
K273493		2.60	0.040	0.5	0.65	40	<10	350	0.6	<2	0.19	4.7	10	4	3	4.83
K273494		2.81	0.007	0.3	0.69	72	<10	670	0.8	<2	0.33	4.3	12	4	11	2.96
K273495		4.76	2.05	43.0	0.56	6450	<10	1530	0.6	12	0.20	33.7	4	3	101	3.34
K273496		2.60	0.166	7.3	0.82	368	<10	2100	1.0	<2	0.37	15.6	9	7	74	3.06
K273497		2.96	8.02	53.8	0.76	4080	<10	170	<0.5	61	0.26	76.9	<1	3	428	10.45
K273498		3.87	0.635	6.9	0.78	1750	<10	390	0.9	<2	0.23	59.6	<1	4	501	5.44
K273499		4.20	0.236	7.7	1.33	446	<10	940	0.7	2	0.21	12.6	11	7	237	3.37
K273500		2.64	0.028	0.9	1.62	91	<10	470	0.5	<2	0.24	7.7	7	8	56	3.15
K273501		1.77	0.018	0.6	1.15	65	<10	1740	0.6	<2	0.20	6.9	8	7	37	2.94
K273502		2.42	0.030	0.7	0.95	55	<10	1060	0.5	<2	0.29	6.9	8	6	36	2.59
K273503		3.19	0.012	0.5	0.58	25	<10	2210	0.5	<2	0.18	10.3	13	5	65	3.48
K273504		1.93	0.011	0.3	1.02	26	<10	1370	0.6	<2	0.19	6.6	8	6	53	2.92
K273505		2.21	<0.005	<0.2	0.03	5	<10	20	<0.5	<2	21.8	<0.5	<1	1	1	0.52
K273506		2.37	0.011	0.6	0.68	55	<10	940	0.8	<2	0.37	14.3	14	4	63	3.46
K273507		2.00	0.006	0.3	1.15	18	<10	630	0.7	<2	0.45	4.2	7	7	29	2.85
K273508		2.06	0.005	<0.2	1.36	15	<10	320	0.5	<2	0.33	3.0	5	7	17	2.99
K273509		1.67	<0.005	0.2	0.69	11	<10	990	0.6	<2	0.71	5.9	11	5	6	3.32
K273510		2.62	0.007	0.2	0.72	16	<10	1890	0.7	<2	0.22	5.9	10	4	9	3.03
K273511		2.67	0.010	0.3	1.32	17	<10	540	0.6	<2	0.27	3.2	8	7	17	3.13
K273512		0.11	1.345	34.5	5.00	155	<10	60	<0.5	7	4.63	33.3	86	59	7390	8.49
K273513		2.19	0.019	0.4	0.84	26	<10	1200	0.7	<2	0.36	5.3	10	4	38	2.87
K273514		1.95	0.009	0.5	1.08	22	<10	950	0.7	<2	0.49	4.3	12	6	12	3.33
K273515		3.07	0.015	0.5	0.82	30	<10	1260	0.7	<2	0.37	4.2	12	4	10	3.31
K273516		3.07	0.182	0.8	0.86	41	<10	1000	0.7	<2	0.20	2.5	16	4	12	3.05
K273517		3.21	0.015	0.5	0.77	45	<10	2130	0.8	<2	0.47	2.3	14	3	18	3.30

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115169

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273482		<10	<1	0.37	20	0.06	368	1	0.02	1	440	49	0.13	6	3	10
K273483		<10	<1	0.37	20	0.05	4200	<1	0.02	4	680	33	0.15	4	4	12
K273484		<10	<1	0.32	30	0.16	1675	<1	0.03	3	650	8	0.02	3	4	12
K273485		<10	1	0.28	30	0.45	1395	<1	0.05	3	750	10	0.03	3	6	21
K273486		<10	<1	0.28	20	0.04	1585	<1	0.02	2	560	7	0.04	3	3	12
K273487		<10	<1	0.37	20	0.12	1755	<1	0.03	3	610	48	0.08	2	3	13
K273488		<10	<1	0.34	20	0.13	1845	<1	0.03	3	590	178	0.23	7	4	14
K273489		<10	1	0.33	30	0.06	1620	<1	0.03	3	660	8	0.04	5	5	19
K273490		<10	<1	0.36	10	0.06	2140	1	0.01	2	480	70	1.30	8	4	8
K273491		<10	1	0.33	50	0.05	2440	1	0.02	3	700	51	0.16	9	6	18
K273492		<10	1	0.28	20	0.08	1485	1	0.03	3	660	27	0.05	4	5	19
K273493		<10	1	0.35	20	0.06	2170	1	0.01	2	570	41	0.16	3	4	8
K273494		<10	<1	0.26	20	0.05	1655	<1	0.02	3	600	17	0.03	6	5	18
K273495		<10	1	0.32	10	0.04	2390	2	0.03	2	470	2630	0.20	83	2	59
K273496		<10	1	0.26	10	0.05	1630	7	0.04	6	930	661	0.15	27	5	47
K273497		<10	2	0.74	10	0.05	189	5	0.03	1	520	2430	1.68	182	4	106
K273498		<10	1	0.42	20	0.09	438	5	0.02	1	670	772	0.73	34	7	101
K273499		<10	1	0.28	30	0.47	2580	1	0.04	4	640	921	0.09	19	4	20
K273500		10	<1	0.24	20	0.73	1125	<1	0.04	4	670	47	0.01	6	7	14
K273501		<10	1	0.29	30	0.42	941	<1	0.06	3	640	43	0.05	5	4	30
K273502		<10	1	0.27	30	0.35	886	<1	0.05	4	600	36	0.03	5	3	22
K273503		<10	<1	0.28	30	0.06	1040	<1	0.07	3	530	16	0.09	3	3	53
K273504		<10	<1	0.25	30	0.35	614	<1	0.05	3	590	16	0.03	5	4	27
K273505		<10	<1	0.01	<10	13.10	236	<1	0.02	1	200	<2	0.06	<2	<1	54
K273506		<10	1	0.27	30	0.06	1705	<1	0.02	3	590	18	0.09	9	4	15
K273507		10	<1	0.20	20	0.42	505	1	0.03	9	630	19	0.03	7	7	20
K273508		10	<1	0.21	30	0.70	561	1	0.04	4	650	12	0.01	7	6	19
K273509		<10	<1	0.27	30	0.07	780	1	0.06	1	610	10	0.10	3	4	32
K273510		<10	<1	0.26	20	0.04	1045	<1	<0.01	1	620	16	0.05	<2	4	30
K273511		<10	<1	0.22	20	0.52	611	<1	0.02	2	670	25	0.02	3	6	19
K273512		10	1	0.26	10	1.16	644	47	0.32	318	710	8440	7.57	26	4	78
K273513		<10	<1	0.33	30	0.05	1000	<1	0.02	2	640	43	0.09	2	4	26
K273514		<10	<1	0.32	30	0.17	1100	<1	<0.01	3	770	31	0.04	<2	5	23
K273515		<10	<1	0.39	20	0.05	1295	<1	0.01	1	610	27	0.15	<2	4	20
K273516		<10	<1	0.35	20	0.05	984	<1	<0.01	2	550	25	0.12	<2	4	21
K273517		<10	<1	0.37	20	0.05	1240	<1	0.01	2	610	51	0.12	3	4	34

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11115169

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273482		<20	<0.01	<10	<10	18	<10	497
K273483		<20	<0.01	<10	<10	17	<10	774
K273484		20	<0.01	<10	<10	24	<10	519
K273485		20	<0.01	<10	<10	40	<10	597
K273486		20	<0.01	<10	<10	22	<10	614
K273487		<20	<0.01	<10	<10	23	<10	605
K273488		<20	<0.01	<10	<10	27	<10	939
K273489		<20	<0.01	<10	<10	30	<10	707
K273490		<20	<0.01	<10	<10	25	<10	1480
K273491		<20	<0.01	<10	<10	28	<10	1190
K273492		<20	<0.01	<10	<10	29	<10	729
K273493		<20	<0.01	<10	<10	29	<10	568
K273494		<20	<0.01	<10	<10	28	<10	636
K273495		<20	<0.01	<10	<10	9	<10	1570
K273496		<20	<0.01	<10	<10	30	<10	2310
K273497		<20	<0.01	<10	<10	24	<10	2670
K273498		<20	<0.01	<10	10	25	<10	2290
K273499		<20	<0.01	<10	<10	33	<10	1640
K273500		<20	0.01	<10	<10	51	<10	713
K273501		<20	<0.01	<10	<10	31	<10	888
K273502		<20	<0.01	<10	<10	29	<10	769
K273503		<20	0.01	<10	<10	24	10	1290
K273504		<20	<0.01	<10	<10	28	<10	894
K273505		<20	<0.01	<10	<10	2	<10	21
K273506		<20	<0.01	<10	<10	30	<10	1700
K273507		20	0.01	<10	<10	47	<10	656
K273508		<20	0.01	<10	<10	50	<10	503
K273509		20	0.01	<10	<10	32	10	638
K273510		<20	<0.01	<10	<10	28	<10	843
K273511		<20	0.01	<10	<10	45	<10	551
K273512		<20	0.06	<10	<10	327	20	7590
K273513		<20	<0.01	<10	<10	24	<10	611
K273514		20	<0.01	<10	<10	33	<10	593
K273515		<20	<0.01	<10	<10	22	<10	534
K273516		<20	<0.01	<10	<10	21	<10	289
K273517		<20	<0.01	<10	<10	25	<10	347

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Finalized Date: 12- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11116200

Project: Klaza Trench 24

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11116200

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273410		2.43	0.011	0.8	0.55	48	<10	570	0.8	3	0.19	0.9	13	3	9	2.86
K273411		2.46	0.009	0.5	0.56	25	<10	370	0.7	2	0.19	0.5	10	3	6	3.09
K273412		2.34	0.010	0.5	0.54	24	<10	310	0.8	2	0.19	0.9	13	3	6	3.07
K273413		3.22	0.006	0.2	0.67	26	<10	1020	0.8	2	0.20	1.0	11	3	6	2.60
K273414		1.84	0.005	0.3	0.61	29	<10	490	0.8	<2	0.19	1.2	8	3	6	3.23
K273415		2.57	0.007	0.4	0.70	56	<10	1170	0.9	<2	0.20	1.4	3	2	5	2.59
K273416		2.37	0.005	0.7	0.69	14	<10	410	0.8	3	0.20	1.1	6	3	6	2.60
K273417		2.51	0.020	0.4	0.88	25	<10	370	0.8	6	0.21	0.7	14	3	4	2.22
K273418		1.80	0.010	0.2	0.64	25	<10	610	0.8	3	0.20	0.6	11	3	5	2.81
K273419		2.20	<0.005	<0.2	0.75	11	<10	580	0.9	2	0.20	0.5	8	3	5	2.64
K273420		2.15	0.006	0.2	0.56	43	<10	1260	0.8	2	0.19	<0.5	11	2	6	2.95
K273421		1.69	0.005	<0.2	0.70	14	<10	620	0.9	3	0.22	<0.5	14	2	5	3.02
K273422		2.30	<0.005	<0.2	0.64	10	<10	610	0.8	3	0.22	<0.5	7	2	6	1.81
K273423		2.49	<0.005	<0.2	0.64	4	<10	370	0.7	<2	0.23	<0.5	4	2	5	2.63
K273424		3.36	<0.005	0.2	0.59	9	<10	780	0.8	<2	0.22	<0.5	7	2	6	2.42
K273425		2.62	0.021	0.8	0.61	67	<10	650	0.8	2	0.20	0.7	12	2	14	3.99
K273426		2.47	0.135	1.2	0.54	169	<10	530	0.9	3	0.35	1.5	10	1	18	5.89
K273427		2.22	0.049	1.7	0.58	127	<10	1500	1.2	2	0.34	3.4	14	2	38	5.85
K273428		1.09	0.011	1.2	0.47	54	<10	340	0.8	3	0.15	1.6	13	2	7	2.84
K273429		3.22	0.008	0.8	0.62	27	<10	1230	0.9	2	0.25	3.0	11	2	9	2.98
K273430		1.79	0.006	0.5	0.63	23	<10	410	0.9	2	0.27	2.3	11	3	5	2.58
K273431		2.83	0.018	0.4	0.72	46	<10	420	0.9	<2	0.22	0.9	8	2	7	5.29
K273432		2.86	0.023	0.5	0.62	36	<10	470	0.6	<2	0.19	0.8	5	3	21	2.86
K273433		3.06	0.014	1.8	0.75	55	<10	260	0.7	<2	0.22	0.6	6	2	203	3.21
K273434		2.38	0.006	0.5	0.75	26	<10	620	0.9	<2	0.30	0.8	13	2	52	3.40
K273435		1.85	0.005	0.3	1.37	10	<10	840	1.1	<2	0.37	0.6	14	4	12	4.12
K273436		1.94	0.006	0.4	0.88	16	<10	1760	0.8	<2	0.75	0.6	8	3	7	3.03
K273437		2.01	0.012	0.2	1.41	23	<10	480	1.1	2	0.34	<0.5	7	4	9	3.58
K273438		2.88	<0.005	0.3	0.05	<2	<10	<10	<0.5	<2	17.8	<0.5	<1	<1	<1	0.40
K273439		2.18	<0.005	0.5	1.86	21	<10	270	1.1	13	10.0	0.8	3	3	1	3.79
K273440		1.81	0.029	3.6	1.04	83	<10	880	1.4	26	0.43	0.8	11	3	9	4.05
K273441		0.12	1.520	34.0	5.04	148	<10	40	<0.5	<2	4.56	34.2	87	60	6970	8.21
K273442		1.62	0.012	0.9	0.98	41	<10	730	1.0	5	1.17	0.8	6	3	10	3.16
K273443		1.92	0.006	0.7	1.47	18	<10	750	0.9	8	0.43	0.5	5	5	8	3.10
K273444		2.22	0.085	0.3	2.02	21	<10	500	0.9	5	0.78	0.6	7	6	9	4.11
K273445		1.57	0.030	1.2	1.05	15	<10	590	0.9	5	0.33	0.6	7	3	6	3.71

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11116200

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273410		<10	<1	0.30	20	0.05	1840	1	0.01	2	570	41	0.02	4	3	40
K273411		<10	<1	0.34	20	0.04	1805	1	0.01	1	650	76	0.08	3	3	13
K273412		<10	<1	0.30	20	0.04	1645	1	0.01	3	620	25	0.02	5	3	15
K273413		<10	<1	0.34	20	0.05	1985	1	0.01	3	610	12	0.03	2	4	23
K273414		<10	<1	0.35	30	0.04	2680	1	0.01	3	660	12	0.02	3	4	17
K273415		<10	<1	0.34	30	0.04	1950	1	0.01	1	630	57	0.03	2	3	17
K273416		<10	<1	0.33	30	0.04	1625	1	0.01	2	680	140	0.02	2	3	15
K273417		<10	<1	0.31	30	0.03	657	1	0.01	2	690	13	0.05	7	3	13
K273418		<10	<1	0.30	30	0.04	1220	1	0.01	2	690	10	0.03	6	3	17
K273419		<10	<1	0.34	30	0.04	1115	1	0.01	1	660	5	0.02	<2	4	22
K273420		<10	1	0.28	30	0.04	1245	1	0.01	3	580	6	0.05	2	4	30
K273421		<10	<1	0.28	30	0.04	1200	1	0.01	2	630	4	0.04	2	3	24
K273422		<10	<1	0.28	30	0.04	472	<1	0.01	1	630	4	0.09	2	3	15
K273423		<10	<1	0.31	30	0.04	982	<1	0.01	1	660	3	0.14	3	3	12
K273424		<10	<1	0.28	30	0.04	1125	<1	0.01	1	640	5	0.30	2	4	15
K273425		<10	<1	0.35	20	0.05	1710	1	0.01	2	510	85	0.31	3	3	18
K273426		<10	<1	0.29	20	0.06	1805	1	0.01	3	430	103	0.47	5	4	25
K273427		<10	1	0.30	20	0.05	1920	2	0.01	3	430	638	0.26	6	4	31
K273428		<10	<1	0.29	20	0.03	1605	1	0.01	2	520	153	0.08	2	3	15
K273429		<10	<1	0.37	30	0.04	3330	1	0.01	2	610	179	0.09	3	3	18
K273430		<10	<1	0.32	30	0.04	2660	1	0.01	1	670	39	0.05	2	3	13
K273431		<10	1	0.32	20	0.06	2400	1	<0.01	2	680	41	0.26	2	4	17
K273432		<10	<1	0.37	20	0.03	1840	1	<0.01	2	640	78	0.04	5	3	16
K273433		<10	1	0.36	20	0.05	1905	1	<0.01	<1	660	38	0.08	36	3	15
K273434		<10	<1	0.31	30	0.04	2440	1	<0.01	3	790	29	0.09	6	4	21
K273435		<10	<1	0.28	40	0.26	2340	<1	<0.01	3	1020	28	0.04	3	5	23
K273436		<10	<1	0.25	30	0.17	2030	1	<0.01	1	830	30	0.05	3	4	51
K273437		<10	1	0.26	30	0.39	1480	<1	<0.01	4	730	52	<0.01	26	4	24
K273438		<10	<1	0.02	<10	11.25	189	<1	<0.01	2	220	<2	<0.01	<2	<1	49
K273439		10	1	0.22	40	0.57	3120	<1	0.01	1	540	119	<0.01	40	6	423
K273440		<10	1	0.19	40	0.08	2350	1	<0.01	4	1010	184	0.03	9	9	21
K273441		<10	2	0.24	<10	1.15	644	46	0.32	327	710	8360	7.50	28	4	78
K273442		<10	1	0.20	40	0.26	1955	<1	<0.01	2	770	87	0.04	4	7	25
K273443		<10	<1	0.20	20	0.40	1275	<1	0.01	1	800	84	0.01	21	6	21
K273444		<10	1	0.27	30	0.77	1895	<1	0.01	4	850	68	<0.01	18	6	37
K273445		<10	<1	0.23	40	0.11	2690	1	0.01	3	880	44	<0.01	4	6	14

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VANCOUVER BC V6B 1L8

Finalized Date: 12- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11116200

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273410		<20	<0.01	<10	<10	11	<10	175
K273411		<20	<0.01	<10	<10	11	<10	198
K273412		<20	<0.01	<10	<10	14	<10	197
K273413		<20	<0.01	<10	<10	13	<10	123
K273414		<20	<0.01	<10	<10	13	<10	205
K273415		<20	<0.01	<10	<10	14	<10	259
K273416		<20	<0.01	<10	<10	12	<10	230
K273417		<20	<0.01	<10	<10	13	<10	133
K273418		<20	<0.01	<10	<10	14	<10	99
K273419		<20	<0.01	<10	<10	15	<10	161
K273420		<20	<0.01	<10	<10	13	<10	81
K273421		<20	<0.01	<10	<10	14	<10	84
K273422		<20	<0.01	<10	<10	12	<10	37
K273423		<20	0.01	<10	<10	20	<10	31
K273424		<20	<0.01	<10	<10	11	<10	64
K273425		<20	<0.01	<10	<10	10	<10	237
K273426		<20	<0.01	<10	<10	14	<10	276
K273427		<20	<0.01	<10	<10	18	<10	958
K273428		<20	<0.01	<10	<10	9	<10	248
K273429		<20	<0.01	<10	<10	11	<10	378
K273430		<20	<0.01	<10	<10	11	<10	190
K273431		<20	<0.01	<10	<10	17	<10	258
K273432		<20	<0.01	<10	<10	13	<10	209
K273433		<20	<0.01	<10	<10	13	<10	194
K273434		<20	<0.01	<10	<10	15	<10	245
K273435		20	<0.01	<10	<10	26	<10	253
K273436		20	<0.01	<10	<10	18	<10	201
K273437		20	0.01	<10	<10	55	<10	203
K273438		<20	<0.01	<10	<10	<1	<10	14
K273439		20	0.01	<10	<10	80	10	116
K273440		20	<0.01	<10	<10	44	<10	301
K273441		<20	0.06	<10	<10	326	<10	7630
K273442		20	<0.01	<10	<10	36	<10	222
K273443		20	0.01	<10	<10	47	<10	175
K273444		20	0.01	<10	<10	51	<10	256
K273445		20	<0.01	<10	<10	27	<10	247

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11116201

Project: Klaza Trench 24

P.O. No.: Batch 6

This report is for 31 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11116201

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273518		2.96	0.010	0.3	0.65	15	<10	590	0.6	3	0.98	1.1	10	4	9	2.39
K273519		3.61	0.016	0.6	0.71	28	<10	1270	0.8	3	1.16	0.6	15	3	9	3.26
K273520		1.96	0.005	0.2	0.75	9	<10	2420	0.6	2	1.34	<0.5	12	4	6	2.71
K273521		2.24	0.010	0.3	0.67	18	<10	1020	0.5	2	1.09	0.5	9	3	7	2.69
K273522		3.27	0.011	0.4	0.62	22	<10	350	0.5	2	1.22	<0.5	9	3	5	2.35
K273523		2.12	0.006	0.2	0.63	14	<10	330	0.5	<2	0.68	<0.5	8	3	6	2.36
K273524		3.01	0.013	0.4	0.66	25	<10	540	0.5	2	1.13	0.6	12	4	7	2.56
K273525		1.90	0.010	0.3	0.59	23	<10	310	0.5	2	1.26	0.5	13	3	6	2.45
K273526		3.21	0.015	0.4	0.62	27	<10	540	0.5	2	1.23	<0.5	11	4	5	2.51
K273527		2.92	0.011	0.5	0.62	26	<10	580	0.5	2	1.20	<0.5	9	3	3	2.31
K273528		2.85	0.027	0.2	0.65	37	<10	860	0.7	2	0.29	0.6	11	4	7	3.71
K273529		3.03	0.007	0.2	0.73	28	<10	1150	0.7	<2	0.79	1.4	7	4	5	2.61
K273530		1.65	0.013	0.3	0.70	65	<10	1120	0.5	2	3.86	<0.5	5	3	3	2.93
K273531		1.00	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	18.6	<0.5	2	<1	1	0.42
K273532		2.53	0.008	0.3	0.66	26	<10	1130	0.8	2	0.62	<0.5	9	4	6	2.73
K273533		2.99	0.005	0.2	0.61	20	<10	960	0.9	2	0.40	0.7	11	4	4	2.72
K273534		2.32	0.014	0.4	0.69	50	<10	1330	0.7	2	1.32	2.2	19	3	8	3.94
K273535		2.09	0.039	0.5	0.62	111	<10	1280	0.7	3	1.27	1.8	16	2	13	4.78
K273536		2.64	0.008	0.3	0.64	30	<10	660	0.9	<2	0.40	1.5	9	3	12	3.29
K273537		3.13	0.010	0.3	0.61	38	<10	830	0.8	3	0.40	2.0	10	4	8	2.98
K273538		2.06	0.008	0.3	0.68	36	<10	600	0.7	2	0.25	1.7	10	3	8	2.40
K273539		3.77	0.022	0.4	0.66	178	<10	2090	0.7	<2	0.49	2.0	9	4	9	2.67
K273540		2.76	0.010	0.3	0.71	22	<10	1310	0.6	<2	0.35	2.6	9	3	8	2.21
K273541		0.09	1.385	33.4	4.81	144	<10	40	<0.5	<2	4.21	31.0	84	56	7020	8.20
K273542		3.21	0.012	0.4	0.73	22	<10	900	0.6	2	0.22	1.6	6	5	31	2.28
K273543		2.81	0.012	0.3	0.96	26	<10	660	0.9	<2	0.30	1.6	8	5	22	2.86
K273544		3.03	0.011	0.3	0.72	23	<10	620	0.8	<2	0.23	2.4	13	5	18	2.70
K273545		2.57	0.007	0.2	0.59	33	<10	1520	0.6	3	0.22	2.6	9	4	14	2.37
K273546		2.71	0.013	0.5	1.12	21	<10	640	0.7	<2	0.28	1.8	7	8	20	2.95
K273547		2.52	0.011	0.4	1.09	25	<10	560	0.7	2	0.31	2.2	9	7	20	3.22
K273548		2.26	0.010	0.3	1.40	12	<10	430	0.6	<2	0.34	1.3	11	8	15	3.37

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VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11116201

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273518		<10	<1	0.36	20	0.05	1060	<1	0.01	5	620	48	0.09	3	4	18
K273519		<10	<1	0.38	20	0.10	1365	2	0.01	4	550	38	0.07	6	4	32
K273520		<10	<1	0.37	20	0.07	996	<1	0.02	3	590	12	0.10	2	3	65
K273521		<10	<1	0.36	20	0.06	1725	<1	0.01	4	560	19	0.09	2	3	27
K273522		<10	<1	0.41	20	0.06	1740	<1	0.01	3	520	23	0.16	3	3	18
K273523		<10	<1	0.34	20	0.06	1360	<1	0.01	4	550	11	0.06	3	3	17
K273524		<10	<1	0.35	20	0.07	1600	<1	0.01	3	590	43	0.13	4	4	21
K273525		<10	1	0.38	20	0.07	2420	<1	0.01	3	580	20	0.07	4	4	26
K273526		<10	<1	0.38	20	0.08	1225	<1	0.01	3	590	12	0.19	4	3	20
K273527		<10	<1	0.37	20	0.06	1330	<1	0.01	2	620	15	0.18	4	3	22
K273528		<10	<1	0.38	20	0.06	1495	<1	0.01	3	600	12	0.09	2	3	20
K273529		<10	1	0.41	30	0.06	1360	<1	0.01	3	630	10	0.05	3	4	29
K273530		<10	<1	0.43	20	0.41	2040	<1	0.01	2	640	12	0.20	2	4	62
K273531		<10	<1	0.04	10	11.25	199	<1	0.01	1	170	2	0.01	<2	<1	49
K273532		<10	1	0.31	20	0.06	779	<1	0.01	2	640	13	0.08	4	4	34
K273533		<10	1	0.34	20	0.05	872	<1	<0.01	2	600	11	0.05	5	4	28
K273534		<10	<1	0.41	20	0.21	1745	<1	0.01	3	540	15	0.24	3	3	34
K273535		<10	<1	0.41	20	0.13	1885	<1	0.01	3	440	19	0.29	5	3	39
K273536		<10	<1	0.39	30	0.06	1400	<1	<0.01	3	580	12	0.02	4	4	15
K273537		<10	1	0.39	30	0.05	1415	<1	<0.01	4	610	11	0.03	3	4	17
K273538		<10	<1	0.35	20	0.04	1150	<1	0.01	3	630	10	0.02	3	4	24
K273539		<10	<1	0.35	20	0.05	1550	<1	0.01	4	610	12	0.07	7	4	27
K273540		<10	<1	0.34	20	0.04	1285	<1	<0.01	3	580	10	0.07	2	4	20
K273541		10	<1	0.26	10	1.14	623	47	0.34	306	670	7990	7.41	31	4	78
K273542		<10	<1	0.29	20	0.05	934	<1	<0.01	5	550	18	0.03	3	5	16
K273543		<10	<1	0.24	20	0.12	703	<1	0.01	3	600	18	0.02	5	8	16
K273544		<10	<1	0.26	30	0.04	825	<1	0.01	3	570	15	0.02	4	5	13
K273545		<10	<1	0.30	30	0.04	781	<1	0.01	3	560	13	0.04	3	4	19
K273546		<10	1	0.24	20	0.23	525	<1	0.01	3	650	20	0.02	5	7	16
K273547		<10	<1	0.26	20	0.28	629	<1	0.04	3	610	22	0.02	4	7	18
K273548		<10	1	0.22	20	0.62	646	<1	0.03	4	720	16	0.01	3	8	17

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2011
Account: ROCKHA

Project: Klaza Trench 24

CERTIFICATE OF ANALYSIS WH11116201

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273518		<20	<0.01	<10	<10	22	<10	151
K273519		<20	<0.01	<10	<10	23	<10	152
K273520		<20	0.01	<10	<10	21	<10	70
K273521		<20	<0.01	<10	<10	18	<10	106
K273522		<20	<0.01	<10	<10	13	<10	90
K273523		<20	<0.01	<10	<10	13	<10	55
K273524		<20	<0.01	<10	<10	17	<10	99
K273525		<20	<0.01	<10	<10	21	<10	88
K273526		<20	<0.01	<10	<10	16	<10	67
K273527		<20	<0.01	<10	<10	13	<10	48
K273528		<20	<0.01	<10	<10	19	<10	137
K273529		<20	<0.01	<10	<10	20	<10	171
K273530		<20	<0.01	<10	<10	19	<10	99
K273531		<20	<0.01	<10	<10	1	<10	15
K273532		<20	<0.01	<10	<10	20	<10	109
K273533		<20	<0.01	<10	<10	19	<10	113
K273534		<20	<0.01	<10	<10	17	<10	230
K273535		<20	<0.01	<10	<10	15	<10	216
K273536		<20	<0.01	<10	<10	17	<10	244
K273537		<20	<0.01	<10	<10	19	<10	238
K273538		<20	<0.01	<10	<10	19	<10	238
K273539		<20	<0.01	<10	<10	17	<10	235
K273540		<20	<0.01	<10	<10	16	<10	228
K273541		<20	0.06	<10	10	318	<10	7370
K273542		<20	<0.01	<10	<10	21	<10	216
K273543		<20	<0.01	<10	<10	38	<10	203
K273544		<20	<0.01	<10	<10	26	<10	264
K273545		<20	<0.01	<10	<10	20	<10	235
K273546		<20	<0.01	<10	<10	44	<10	207
K273547		<20	0.01	<10	<10	48	<10	201
K273548		<20	0.01	<10	<10	60	<10	167

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VANCOUVER BC V6B 1L8

Finalized Date: 13- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11116202

Project: Klaza TR- 23

P.O. No.: Batch 3

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11116202

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273320		2.79	0.019	1.4	0.98	17	<10	350	0.8	<2	0.26	6.9	9	7	25	2.87
K273321		2.99	0.017	1.1	1.43	12	<10	620	0.6	2	0.36	3.6	6	8	29	2.97
K273322		3.69	0.012	0.9	0.89	14	<10	720	0.9	<2	0.69	7.2	7	6	30	2.90
K273323		2.51	0.033	2.6	1.08	36	<10	400	0.7	2	0.25	6.8	13	8	23	2.96
K273324		2.02	0.017	1.4	0.83	28	<10	440	0.9	<2	0.28	8.4	11	6	21	2.80
K273325		2.82	0.011	0.8	1.14	10	<10	290	0.5	<2	0.46	4.6	6	10	13	2.88
K273326		1.52	0.022	1.8	1.13	28	<10	270	0.6	<2	0.38	6.6	7	8	22	3.18
K273327		1.44	0.015	1.3	1.00	16	<10	270	0.5	<2	0.30	4.5	5	7	22	2.71
K273328		2.81	0.035	2.8	1.07	62	<10	250	0.7	<2	0.26	8.5	6	7	29	3.29
K273329		2.21	0.012	0.8	1.36	13	<10	270	0.5	<2	0.34	3.5	6	8	15	2.90
K273330		2.29	0.014	1.1	0.83	28	<10	350	0.8	<2	0.35	7.9	7	7	23	2.80
K273331		2.08	0.077	5.3	0.56	254	<10	740	0.6	<2	3.74	34.4	25	3	45	5.95
K273332		2.11	0.019	1.5	1.07	29	<10	440	<0.5	<2	0.35	5.9	7	9	19	2.82
K273333		2.82	0.018	1.4	0.96	31	<10	420	<0.5	<2	0.30	6.8	8	8	22	2.77
K273334		1.71	0.015	1.3	1.08	29	<10	350	0.5	<2	0.37	7.9	7	7	21	3.04
K273335		2.34	0.009	0.5	0.99	11	<10	500	0.7	<2	0.30	7.1	7	8	14	2.72
K273336		2.67	0.024	1.7	1.23	34	<10	490	0.6	2	0.34	8.1	8	8	26	2.90
K273337		2.33	0.031	1.7	0.78	123	<10	400	0.8	<2	0.52	17.8	12	8	32	3.32

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Finalized Date: 13- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11116202

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273320		<10	<1	0.22	30	0.10	909	1	0.01	3	630	39	<0.01	2	8	13
K273321		10	<1	0.24	20	0.47	464	<1	0.06	3	610	35	<0.01	2	7	42
K273322		<10	<1	0.21	30	0.09	1050	4	0.01	2	560	33	0.01	2	8	26
K273323		<10	1	0.25	30	0.16	715	<1	0.01	3	730	82	0.01	4	9	11
K273324		<10	1	0.27	30	0.06	1140	1	0.01	3	620	43	0.03	3	8	14
K273325		<10	1	0.19	20	0.49	580	<1	0.06	3	630	29	0.01	<2	7	26
K273326		10	1	0.19	20	0.43	639	<1	0.05	3	650	59	0.01	<2	7	19
K273327		<10	<1	0.18	20	0.45	527	<1	0.06	2	590	62	0.01	<2	7	21
K273328		<10	1	0.22	20	0.19	486	1	0.02	3	680	97	0.01	4	9	12
K273329		10	<1	0.19	20	0.57	464	<1	0.06	3	580	25	0.01	<2	6	27
K273330		<10	<1	0.24	20	0.11	657	<1	0.02	2	620	37	0.01	3	9	13
K273331		<10	1	0.32	20	1.02	12800	3	0.02	2	440	857	0.54	7	3	89
K273332		<10	<1	0.25	20	0.43	676	<1	0.08	3	590	74	0.01	2	6	27
K273333		<10	<1	0.24	20	0.36	717	<1	0.07	3	600	61	0.01	<2	7	21
K273334		10	<1	0.22	20	0.50	839	<1	0.06	2	680	50	0.01	2	7	22
K273335		<10	<1	0.25	20	0.19	771	<1	0.04	2	620	21	<0.01	<2	9	16
K273336		<10	<1	0.24	20	0.32	638	<1	0.04	3	690	53	0.01	2	9	20
K273337		<10	1	0.28	30	0.17	2290	<1	0.02	4	740	72	0.06	4	8	19

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Finalized Date: 13- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 23

CERTIFICATE OF ANALYSIS WH11116202

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273320		20	0.01	<10	<10	45	<10	560
K273321		<20	0.05	<10	<10	50	<10	386
K273322		20	0.01	<10	<10	37	<10	648
K273323		20	0.03	<10	<10	51	<10	460
K273324		<20	<0.01	<10	<10	33	<10	511
K273325		<20	0.03	<10	<10	51	<10	301
K273326		<20	0.03	<10	<10	52	10	469
K273327		<20	0.03	<10	<10	47	<10	314
K273328		<20	0.01	<10	<10	49	<10	618
K273329		<20	0.04	<10	<10	51	<10	368
K273330		<20	0.02	<10	<10	46	<10	294
K273331		<20	<0.01	<10	<10	13	<10	1665
K273332		<20	0.06	<10	<10	49	<10	335
K273333		<20	0.05	<10	<10	47	<10	314
K273334		<20	0.03	<10	<10	52	<10	436
K273335		<20	0.05	<10	<10	50	<10	436
K273336		<20	0.05	<10	<10	55	<10	493
K273337		<20	0.01	<10	<10	38	<10	852

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Finalized Date: 15- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11118000

Project: Klaza - DDH - 12

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11118000

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271001		5.78	<0.005	<0.2	1.18	4	<10	360	<0.5	<2	0.98	0.6	5	9	7	2.48
K271002		5.53	0.006	0.5	0.91	11	<10	280	0.6	<2	1.69	2.2	5	5	11	2.63
K271003		7.59	<0.005	<0.2	1.11	<2	<10	340	<0.5	<2	1.23	<0.5	5	8	8	2.49
K271004		7.59	<0.005	0.2	1.08	2	<10	490	<0.5	<2	1.41	<0.5	6	7	11	2.67
K271005		3.46	0.021	0.8	0.63	38	<10	340	0.7	<2	2.06	0.7	6	3	7	2.46
K271006		7.24	0.108	3.9	0.47	181	<10	330	0.7	<2	3.33	8.0	5	2	17	2.99
K271007		2.10	<0.005	0.3	0.04	<2	<10	20	<0.5	<2	21.3	<0.5	<1	1	<1	0.47
K271008		3.80	<0.005	0.3	0.90	6	<10	1240	0.6	<2	1.04	0.5	6	4	6	2.58
K271009		5.10	<0.005	0.3	1.20	6	<10	440	<0.5	<2	2.05	0.9	6	6	6	2.69
K271010		12.34	<0.005	0.2	1.06	6	<10	400	<0.5	<2	1.34	<0.5	6	7	5	2.59
K271011		8.33	<0.005	0.3	1.27	3	<10	480	<0.5	<2	1.09	<0.5	7	7	7	2.62
K271012		4.10	<0.005	0.2	1.26	4	<10	490	<0.5	<2	1.11	<0.5	5	8	5	2.65
K271013		10.03	<0.005	0.2	1.22	7	<10	540	<0.5	<2	1.27	<0.5	7	7	10	2.63
K271014		12.41	0.005	0.3	1.27	17	<10	380	<0.5	<2	1.44	0.8	6	8	18	2.66
K271015		8.24	<0.005	0.3	1.21	2	<10	270	<0.5	<2	1.51	<0.5	6	8	17	2.64
K271016		9.66	<0.005	0.5	1.29	<2	<10	360	<0.5	<2	1.14	0.8	6	9	18	2.76
K271017		0.14	1.345	33.9	5.01	149	<10	70	<0.5	7	4.93	34.0	90	60	7060	8.99
K271018		11.97	<0.005	0.7	1.18	3	<10	340	<0.5	<2	1.43	2.7	6	7	23	2.76
K271019		9.18	<0.005	0.3	1.17	<2	<10	320	<0.5	<2	1.29	<0.5	6	8	23	2.64
K271020		3.75	0.150	34.7	0.55	728	<10	110	0.8	<2	2.06	34.2	5	2	54	2.69
K271021		2.94	0.007	0.9	0.45	40	<10	130	0.7	<2	1.55	0.9	6	4	9	2.11
K271022		3.04	<0.005	0.4	0.04	<2	<10	20	<0.5	<2	21.2	<0.5	<1	1	<1	0.43
K271023		8.74	0.116	4.2	0.55	885	<10	340	0.7	<2	2.18	13.5	6	4	32	2.79
K271024		11.40	0.018	0.6	1.15	68	<10	270	0.5	<2	1.32	1.3	7	7	20	2.79
K271025		10.23	0.005	0.5	1.01	9	<10	520	<0.5	<2	2.18	<0.5	8	6	15	2.76
K271026		11.23	<0.005	0.2	1.15	4	<10	300	<0.5	<2	1.34	<0.5	5	8	11	2.57
K271027		9.52	<0.005	0.2	1.15	5	<10	180	0.5	<2	1.46	<0.5	4	7	6	2.55
K271028		13.01	<0.005	<0.2	1.28	<2	<10	290	0.5	<2	1.11	<0.5	6	8	11	2.73
K271029		0.14	1.250	32.6	4.92	148	<10	70	<0.5	3	4.85	33.5	90	58	6890	8.83
K271030		4.48	0.006	0.3	0.87	9	<10	2320	0.6	<2	1.75	<0.5	6	5	17	2.66
K271031		6.01	<0.005	0.2	1.10	<2	<10	310	<0.5	<2	1.24	<0.5	6	7	13	2.56
K271032		9.37	<0.005	<0.2	1.16	4	<10	320	0.5	<2	1.39	<0.5	7	7	15	2.72
K271033		9.03	<0.005	0.2	1.24	4	<10	220	0.5	<2	1.13	<0.5	6	8	16	2.82
K271034		8.21	<0.005	0.3	1.09	4	<10	190	0.5	<2	1.42	<0.5	5	8	7	2.74
K271035		7.81	0.072	2.4	0.52	324	<10	330	0.7	<2	1.74	5.8	7	2	17	2.77
K271036		9.25	0.011	0.5	0.64	33	<10	680	0.8	<2	3.07	0.5	5	3	7	2.35

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11118000

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271001		<10	<1	0.24	20	0.64	453	<1	0.11	2	560	11	0.01	<2	5	42
K271002		<10	<1	0.26	20	0.42	903	1	0.04	1	570	66	0.13	<2	6	47
K271003		<10	1	0.22	10	0.57	512	<1	0.09	1	570	12	0.01	<2	5	48
K271004		10	<1	0.30	20	0.57	532	1	0.10	2	560	12	<0.01	<2	6	59
K271005		<10	<1	0.27	30	0.47	1145	1	0.01	1	590	17	0.47	4	6	57
K271006		<10	1	0.31	20	0.99	2750	1	0.01	<1	470	202	1.24	11	4	39
K271007		<10	<1	0.02	10	12.45	220	<1	0.02	<1	190	2	0.01	<2	<1	49
K271008		<10	<1	0.20	20	0.35	847	<1	0.01	1	600	7	0.03	3	9	33
K271009		10	1	0.23	20	0.65	696	<1	0.07	1	580	48	0.02	<2	6	65
K271010		<10	<1	0.22	20	0.60	588	2	0.07	1	560	10	<0.01	<2	5	47
K271011		<10	<1	0.31	20	0.70	513	1	0.10	2	580	10	<0.01	<2	5	43
K271012		10	<1	0.31	20	0.69	514	1	0.11	1	590	10	<0.01	<2	5	44
K271013		<10	<1	0.32	20	0.64	610	1	0.10	1	580	14	0.01	<2	5	49
K271014		10	<1	0.26	10	0.67	605	3	0.10	1	580	20	0.01	<2	5	53
K271015		<10	<1	0.20	10	0.65	541	2	0.08	<1	590	18	0.03	<2	5	54
K271016		<10	<1	0.24	10	0.73	473	2	0.10	1	600	74	0.01	<2	5	52
K271017		10	1	0.26	10	1.22	671	52	0.36	333	710	8730	7.75	28	4	82
K271018		10	<1	0.24	20	0.65	518	1	0.09	1	580	99	0.02	<2	5	57
K271019		<10	<1	0.24	10	0.63	470	2	0.10	1	610	14	0.01	<2	5	54
K271020		<10	<1	0.31	20	0.61	2190	5	0.01	1	480	3970	1.45	36	4	47
K271021		<10	1	0.22	10	0.38	1015	16	0.01	1	340	106	0.18	11	5	38
K271022		<10	<1	0.02	10	12.55	194	<1	0.02	<1	200	8	0.01	<2	<1	52
K271023		<10	1	0.25	10	0.69	1195	4	0.01	1	430	468	0.75	15	6	50
K271024		<10	<1	0.24	20	0.60	774	3	0.07	<1	580	43	0.16	3	6	52
K271025		10	<1	0.21	20	0.66	685	3	0.06	1	570	11	0.20	<2	6	79
K271026		<10	<1	0.23	20	0.64	483	2	0.09	1	560	9	0.02	<2	5	58
K271027		<10	<1	0.19	20	0.63	539	2	0.07	1	590	11	0.06	<2	5	58
K271028		10	<1	0.22	20	0.68	442	2	0.10	1	620	10	0.01	<2	4	56
K271029		10	1	0.25	10	1.19	662	50	0.35	327	700	8570	7.60	30	4	81
K271030		<10	<1	0.23	20	0.53	989	2	0.05	1	560	26	0.16	2	7	78
K271031		10	<1	0.21	10	0.59	518	2	0.09	1	570	13	<0.01	<2	5	55
K271032		10	<1	0.22	20	0.59	556	2	0.07	2	570	11	0.01	2	6	64
K271033		10	<1	0.18	10	0.68	410	2	0.09	2	610	10	<0.01	2	5	58
K271034		<10	<1	0.18	20	0.59	713	1	0.06	1	580	15	0.04	<2	6	63
K271035		<10	<1	0.30	20	0.51	1330	13	0.01	1	470	243	1.05	14	5	53
K271036		<10	<1	0.31	20	0.69	1385	2	0.01	1	560	14	0.31	2	6	108

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Finalized Date: 15- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11118000

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271001		<20	0.13	<10	<10	56	<10	108	<1
K271002		<20	0.02	<10	<10	34	<10	240	<1
K271003		<20	0.10	<10	<10	49	<10	50	<1
K271004		<20	0.08	<10	<10	50	<10	49	<1
K271005		20	<0.01	<10	<10	22	<10	107	<1
K271006		<20	<0.01	<10	<10	13	<10	733	4
K271007		<20	<0.01	<10	10	3	<10	18	<1
K271008		<20	0.02	<10	<10	43	<10	101	<1
K271009		<20	0.06	<10	<10	49	<10	85	<1
K271010		<20	0.09	<10	<10	51	<10	39	<1
K271011		<20	0.13	<10	<10	56	<10	43	<1
K271012		<20	0.14	<10	<10	57	<10	40	<1
K271013		20	0.12	<10	<10	54	<10	45	<1
K271014		<20	0.12	<10	<10	56	<10	76	<1
K271015		<20	0.08	<10	<10	53	<10	49	<1
K271016		20	0.12	<10	<10	59	<10	78	<1
K271017		<20	0.06	<10	<10	333	20	8020	30
K271018		<20	0.07	<10	<10	53	<10	184	<1
K271019		<20	0.10	<10	<10	55	<10	42	<1
K271020		<20	<0.01	<10	<10	14	10	2650	32
K271021		<20	<0.01	<10	10	19	<10	113	<1
K271022		<20	<0.01	<10	10	3	<10	19	<1
K271023		<20	<0.01	<10	<10	23	<10	927	3
K271024		20	0.05	<10	<10	47	<10	131	<1
K271025		20	0.03	<10	<10	43	<10	42	1
K271026		20	0.08	<10	<10	51	<10	37	<1
K271027		20	0.06	<10	<10	50	<10	35	<1
K271028		<20	0.13	<10	<10	58	<10	36	1
K271029		<20	0.06	<10	<10	328	20	7860	30
K271030		<20	0.02	<10	<10	38	<10	57	1
K271031		<20	0.07	<10	<10	51	<10	39	1
K271032		<20	0.06	<10	<10	50	<10	41	<1
K271033		<20	0.07	<10	<10	54	<10	35	<1
K271034		<20	0.02	<10	<10	46	<10	49	1
K271035		<20	<0.01	<10	<10	17	<10	444	3
K271036		<20	<0.01	<10	<10	24	<10	55	1

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VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11118001

Project: Klaza - DDH - 13

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 13

CERTIFICATE OF ANALYSIS WH11118001

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271301		4.40	0.045	2.1	0.62	76	<10	140	0.7	<2	2.30	4.6	4	3	7	3.32
K271302		5.17	0.117	16.4	0.63	411	<10	90	0.6	<2	2.93	13.1	5	4	67	3.14
K271303		2.56	<0.005	<0.2	0.04	2	<10	20	<0.5	<2	18.9	<0.5	<1	1	1	0.39
K271304		9.22	<0.005	<0.2	1.08	5	<10	230	<0.5	<2	1.46	<0.5	6	9	11	2.65
K271305		9.64	0.007	0.4	0.73	17	<10	610	0.5	<2	2.46	0.5	8	5	4	2.42
K271306		9.11	<0.005	<0.2	0.93	17	<10	250	<0.5	<2	1.74	<0.5	4	7	3	2.54
K271307		10.64	<0.005	<0.2	1.18	5	<10	150	<0.5	<2	1.36	<0.5	5	10	7	2.68
K271308		10.50	<0.005	<0.2	1.21	7	<10	170	<0.5	<2	1.35	<0.5	5	9	7	2.66
K271309		0.13	1.525	33.0	4.86	150	<10	40	<0.5	13	4.69	32.7	86	58	7240	8.36
K271310		11.61	<0.005	<0.2	1.18	8	<10	140	<0.5	<2	1.08	<0.5	5	11	11	2.58
K271311		8.82	0.005	<0.2	1.13	5	<10	140	<0.5	<2	0.94	<0.5	4	9	9	2.49
K271312		3.81	<0.005	<0.2	1.15	12	<10	120	<0.5	<2	1.14	<0.5	4	8	7	2.54
K271313		5.92	<0.005	<0.2	1.18	7	<10	140	<0.5	<2	0.91	<0.5	5	9	7	2.58
K271314		10.16	<0.005	<0.2	1.21	12	<10	220	<0.5	<2	1.66	<0.5	5	9	11	2.74
K271315		11.46	<0.005	<0.2	1.24	6	<10	140	<0.5	<2	1.00	<0.5	5	10	11	2.66
K271316		9.85	<0.005	<0.2	1.20	5	<10	140	<0.5	<2	1.04	<0.5	4	10	8	2.59
K271317		13.95	<0.005	<0.2	1.14	5	<10	200	<0.5	<2	1.56	<0.5	4	8	4	2.64
K271318		6.49	<0.005	<0.2	1.15	6	<10	200	<0.5	<2	1.45	<0.5	5	9	4	2.69
K271319		10.83	<0.005	<0.2	1.13	7	<10	270	<0.5	<2	1.93	<0.5	3	8	3	2.58
K271320		3.65	0.052	0.9	0.61	50	<10	340	0.5	<2	2.65	<0.5	3	4	2	2.52
K271321		5.03	<0.005	<0.2	1.00	5	<10	240	<0.5	<2	1.99	<0.5	2	8	3	2.63
K271322		11.23	0.008	1.0	0.64	22	<10	400	0.7	<2	1.73	2.3	6	5	6	2.56
K271323		3.11	<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	19.2	<0.5	<1	1	<1	0.41
K271324		4.72	<0.005	<0.2	0.79	14	<10	250	0.5	<2	1.57	<0.5	6	7	4	2.59
K271325		8.30	<0.005	<0.2	1.01	2	<10	250	<0.5	<2	1.59	<0.5	5	9	6	2.74
K271326		8.84	<0.005	<0.2	0.94	3	<10	140	<0.5	<2	1.51	<0.5	5	8	5	2.70
K271327		5.30	<0.005	<0.2	0.92	8	<10	270	0.5	<2	2.15	<0.5	6	7	8	2.65
K271328		6.68	<0.005	<0.2	1.04	9	<10	160	<0.5	<2	1.55	<0.5	6	9	10	2.63
K271329		6.51	<0.005	<0.2	1.09	7	<10	150	<0.5	<2	1.47	<0.5	6	8	10	2.69
K271330		10.36	<0.005	<0.2	1.03	4	<10	130	<0.5	<2	1.11	<0.5	5	10	6	2.52
K271331		6.17	0.005	<0.2	0.94	16	<10	220	0.7	<2	1.59	<0.5	5	7	5	2.80
K271332		0.12	1.390	32.5	4.70	137	<10	40	<0.5	10	4.53	31.9	81	56	7020	8.10
K271333		6.07	<0.005	<0.2	1.10	6	<10	160	0.5	<2	1.43	<0.5	5	8	8	2.64
K271334		5.12	0.006	0.2	0.70	8	<10	260	0.5	<2	2.04	<0.5	8	6	5	2.76
K271335		7.20	0.005	<0.2	0.61	11	<10	580	0.9	<2	3.27	<0.5	6	4	6	2.63
K271336		5.18	<0.005	<0.2	0.81	9	<10	330	0.7	<2	1.79	<0.5	5	7	7	2.66

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VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 13

CERTIFICATE OF ANALYSIS WH11118001

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271301		<10	<1	0.32	20	0.38	1900	3	0.01	2	600	73	1.27	5	6	34
K271302		<10	<1	0.27	10	0.85	1720	6	0.01	2	460	1275	1.01	24	5	62
K271303		<10	<1	0.02	<10	11.85	180	<1	0.01	1	270	2	0.02	<2	<1	50
K271304		<10	<1	0.17	20	0.69	473	2	0.07	3	600	12	0.05	<2	6	56
K271305		<10	1	0.26	20	0.68	970	1	0.02	1	560	11	0.35	<2	6	71
K271306		<10	<1	0.18	20	0.56	486	1	0.05	1	570	7	0.07	<2	6	59
K271307		<10	<1	0.17	20	0.67	452	2	0.08	<1	580	11	0.05	<2	5	47
K271308		10	1	0.16	10	0.71	457	1	0.09	1	570	10	0.03	<2	5	45
K271309		10	2	0.25	10	1.17	637	49	0.33	319	680	8350	7.38	31	4	77
K271310		10	<1	0.14	10	0.68	415	1	0.09	1	580	13	0.02	<2	5	40
K271311		10	<1	0.13	10	0.64	391	1	0.08	1	550	10	0.02	<2	4	36
K271312		<10	<1	0.13	10	0.67	440	1	0.07	1	560	12	0.03	<2	4	35
K271313		10	1	0.13	10	0.69	382	1	0.09	2	570	9	0.01	<2	4	38
K271314		10	1	0.16	10	0.71	486	1	0.09	1	590	9	0.07	<2	6	48
K271315		<10	<1	0.14	10	0.64	355	1	0.10	1	600	10	0.02	<2	4	44
K271316		<10	<1	0.14	10	0.66	398	1	0.09	1	590	7	0.03	<2	4	40
K271317		10	<1	0.15	10	0.72	466	1	0.08	1	580	7	0.12	<2	6	48
K271318		<10	<1	0.15	10	0.74	459	1	0.08	1	570	7	0.15	<2	6	46
K271319		<10	<1	0.17	20	0.72	556	1	0.07	1	590	5	0.08	2	6	56
K271320		<10	<1	0.27	20	0.63	828	1	0.02	1	590	7	0.88	2	6	82
K271321		<10	1	0.17	20	0.72	517	1	0.05	1	600	5	0.04	<2	7	62
K271322		<10	1	0.23	20	0.50	1110	1	0.01	2	590	67	0.37	3	7	47
K271323		<10	<1	0.01	10	11.95	190	<1	0.01	<1	160	<2	0.01	<2	<1	48
K271324		<10	1	0.17	20	0.59	607	1	0.06	<1	590	11	0.11	<2	7	66
K271325		<10	<1	0.15	20	0.71	554	1	0.07	2	600	16	0.06	2	7	58
K271326		<10	<1	0.14	20	0.63	466	1	0.07	1	580	7	0.04	<2	7	55
K271327		<10	<1	0.16	20	0.68	629	1	0.05	1	580	8	0.03	<2	7	63
K271328		<10	1	0.14	20	0.67	489	3	0.07	1	600	8	0.03	<2	6	53
K271329		10	1	0.14	20	0.63	475	4	0.07	1	580	9	0.03	<2	6	58
K271330		<10	1	0.15	20	0.62	381	2	0.08	<1	550	8	0.03	<2	5	45
K271331		<10	1	0.16	30	0.54	598	1	0.01	1	620	10	0.24	2	8	49
K271332		10	1	0.24	10	1.13	614	47	0.32	309	660	8100	7.16	29	4	74
K271333		<10	<1	0.14	20	0.65	434	1	0.07	1	600	8	0.10	<2	6	55
K271334		<10	1	0.23	10	0.65	663	2	0.03	1	540	20	0.90	<2	6	72
K271335		<10	<1	0.24	20	1.03	907	1	0.01	1	500	11	0.46	3	8	102
K271336		<10	1	0.20	20	0.47	699	1	<0.01	1	600	9	0.13	3	9	54

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 13

CERTIFICATE OF ANALYSIS WH11118001

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
K271301		<20	<0.01	<10	<10	18	<10	345	3
K271302		<20	<0.01	<10	<10	19	20	932	16
K271303		<20	<0.01	<10	<10	1	<10	15	<1
K271304		<20	0.03	<10	<10	48	<10	44	<1
K271305		<20	<0.01	<10	<10	27	<10	67	1
K271306		<20	0.02	<10	<10	39	<10	47	1
K271307		<20	0.08	<10	<10	51	<10	38	<1
K271308		<20	0.08	<10	<10	52	<10	34	<1
K271309		<20	0.06	<10	<10	319	<10	7970	31
K271310		<20	0.11	<10	<10	53	<10	38	<1
K271311		<20	0.12	<10	<10	50	<10	32	<1
K271312		<20	0.09	<10	<10	49	<10	33	1
K271313		<20	0.13	<10	<10	53	<10	32	<1
K271314		<20	0.09	<10	<10	54	<10	33	1
K271315		<20	0.14	<10	<10	54	<10	36	<1
K271316		<20	0.13	<10	<10	54	<10	31	1
K271317		<20	0.07	<10	<10	51	<10	34	1
K271318		<20	0.08	<10	<10	53	<10	37	<1
K271319		<20	0.04	<10	<10	48	<10	36	<1
K271320		<20	<0.01	<10	<10	26	<10	35	1
K271321		<20	0.03	<10	<10	50	<10	38	<1
K271322		<20	<0.01	<10	<10	28	<10	172	1
K271323		<20	<0.01	<10	<10	1	<10	17	<1
K271324		<20	0.02	<10	<10	42	<10	54	1
K271325		<20	0.04	<10	<10	52	<10	42	<1
K271326		<20	0.04	<10	<10	49	<10	34	<1
K271327		<20	0.02	<10	<10	45	<10	34	<1
K271328		<20	0.05	<10	<10	50	<10	34	<1
K271329		<20	0.03	<10	<10	50	<10	34	<1
K271330		<20	0.07	<10	<10	51	<10	31	<1
K271331		<20	<0.01	<10	<10	40	<10	35	<1
K271332		<20	0.05	<10	<10	315	<10	7750	28
K271333		<20	0.05	<10	<10	51	<10	30	<1
K271334		<20	0.01	<10	<10	33	<10	45	<1
K271335		<20	<0.01	<10	<10	28	<10	41	<1
K271336		<20	<0.01	<10	<10	38	<10	37	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11118002

Project: Klaza TR- 25

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11118002

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273701		2.49	0.025	0.5	1.25	36	<10	410	0.7	<2	0.34	0.8	12	9	15	3.80
K273702		2.55	0.006	0.2	1.55	15	<10	430	0.5	<2	0.47	<0.5	9	12	16	3.30
K273703		2.23	0.005	0.2	1.55	7	<10	420	0.5	<2	0.34	<0.5	8	9	9	3.21
K273704		2.22	0.007	0.2	1.99	11	<10	440	0.6	<2	0.37	<0.5	8	12	22	3.49
K273705		2.74	0.010	0.2	1.35	20	<10	470	0.6	<2	0.32	0.5	10	10	16	3.56
K273706		3.26	0.005	0.2	1.35	19	<10	550	0.7	<2	0.35	<0.5	8	9	18	3.27
K273707		4.81	<0.005	<0.2	1.21	8	<10	450	<0.5	<2	0.46	<0.5	7	9	10	2.73
K273708		2.70	<0.005	0.2	1.01	14	<10	360	0.6	<2	0.34	<0.5	8	9	16	2.97
K273709		3.24	<0.005	<0.2	0.97	10	<10	310	0.8	<2	0.33	<0.5	7	6	10	2.98
K273710		4.28	0.013	0.6	0.96	25	<10	580	0.8	<2	0.35	<0.5	8	5	11	3.53
K273711		2.99	<0.005	<0.2	1.15	9	<10	400	0.5	<2	0.45	<0.5	7	7	12	2.77
K273712		5.11	<0.005	<0.2	1.11	11	<10	430	0.5	<2	0.37	<0.5	8	8	15	3.10
K273713		3.48	<0.005	<0.2	1.22	10	<10	410	0.6	<2	0.34	<0.5	7	10	16	3.21
K273714		5.01	0.008	0.2	1.06	20	<10	850	0.8	<2	0.30	0.6	8	6	13	3.64
K273715		3.95	<0.005	<0.2	1.72	8	<10	360	0.6	<2	0.37	<0.5	8	8	11	3.11
K273716		3.06	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	19.6	<0.5	<1	1	1	0.41
K273717		3.49	0.005	<0.2	1.53	14	<10	360	0.6	<2	0.44	<0.5	9	11	13	3.07
K273718		1.66	0.013	<0.2	1.44	11	<10	360	0.5	<2	0.47	<0.5	8	10	13	2.85
K273719		3.06	0.007	<0.2	1.50	18	<10	500	0.7	<2	0.37	0.5	12	8	17	3.78
K273720		5.06	0.005	<0.2	1.05	11	<10	390	0.5	<2	0.40	<0.5	7	8	9	2.88
K273721		2.60	0.007	0.2	0.79	21	<10	790	0.7	<2	0.43	<0.5	9	6	24	3.29
K273722		4.57	<0.005	0.2	1.39	9	<10	320	0.7	<2	0.35	<0.5	8	7	24	2.74
K273723		3.38	<0.005	0.2	0.86	17	<10	420	0.7	<2	0.45	<0.5	8	6	15	3.28
K273724		0.14	1.330	34.9	4.97	157	<10	50	<0.5	17	4.68	33.3	86	59	7520	8.60
K273725		2.97	0.005	<0.2	0.78	13	<10	370	0.7	<2	0.54	<0.5	7	6	28	3.05
K273726		4.18	0.005	<0.2	0.78	14	<10	630	0.8	<2	0.84	<0.5	7	5	14	3.47
K273727		5.79	<0.005	<0.2	1.37	11	<10	560	0.8	<2	0.37	<0.5	9	7	14	3.01
K273728		4.44	0.011	<0.2	1.15	9	<10	430	0.6	<2	0.34	<0.5	8	7	8	3.17
K273729		4.49	0.005	0.2	1.38	8	<10	360	0.6	<2	0.35	<0.5	7	7	11	2.88
K273730		4.97	0.006	0.2	1.19	9	<10	520	0.6	<2	0.32	<0.5	7	7	12	2.99
K273731		5.16	<0.005	<0.2	1.30	9	<10	500	0.7	<2	0.36	<0.5	7	6	9	3.02
K273732		4.42	0.005	<0.2	1.44	8	<10	640	0.8	<2	0.37	<0.5	7	6	15	3.15
K273733		3.88	0.013	0.3	0.65	46	<10	510	0.8	<2	0.23	<0.5	6	5	13	2.99
K273734		3.47	0.024	1.1	3.45	68	10	960	1.0	<2	0.40	<0.5	6	13	29	6.66
K273735		3.35	0.012	0.3	1.25	23	<10	430	0.7	<2	0.32	<0.5	8	6	11	3.22
K273736		5.10	0.008	0.4	0.98	16	<10	1050	0.8	<2	0.27	<0.5	9	6	18	3.90

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CERTIFICATE OF ANALYSIS WH11118002

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273701		<10	<1	0.27	30	0.34	1395	1	0.03	4	650	28	0.01	2	6	18
K273702		<10	<1	0.24	20	0.55	992	<1	0.06	5	680	15	<0.01	<2	6	28
K273703		10	<1	0.23	20	0.59	1000	<1	0.04	4	600	11	0.02	<2	6	20
K273704		10	1	0.22	20	0.62	883	1	0.03	11	650	19	0.01	<2	7	19
K273705		<10	1	0.28	30	0.43	1495	1	0.04	7	670	33	0.08	<2	6	19
K273706		<10	<1	0.28	30	0.36	1275	1	0.05	6	630	18	0.01	<2	7	22
K273707		<10	<1	0.25	20	0.55	728	1	0.09	4	610	11	0.02	<2	5	29
K273708		<10	<1	0.23	30	0.26	942	1	0.06	7	660	16	0.01	<2	6	21
K273709		<10	<1	0.23	30	0.12	943	1	0.05	3	690	12	0.01	<2	9	19
K273710		<10	<1	0.30	30	0.14	2080	1	0.03	4	650	44	0.05	2	8	18
K273711		<10	<1	0.22	20	0.43	909	1	0.07	3	610	13	0.01	<2	6	26
K273712		<10	<1	0.24	20	0.38	1115	1	0.07	4	640	18	0.01	<2	7	24
K273713		<10	<1	0.23	20	0.39	1105	1	0.04	4	680	15	0.03	2	8	18
K273714		<10	1	0.31	30	0.22	2110	1	0.03	4	630	41	0.04	2	7	20
K273715		10	2	0.19	20	0.54	586	<1	0.02	4	710	11	0.01	3	8	15
K273716		<10	<1	0.02	<10	12.25	187	<1	0.03	1	200	<2	<0.01	<2	<1	57
K273717		10	<1	0.21	20	0.58	1050	1	0.06	6	670	18	0.01	2	6	26
K273718		10	<1	0.20	20	0.60	686	1	0.08	5	640	14	0.01	2	6	31
K273719		<10	2	0.28	30	0.39	1290	1	0.03	5	670	43	0.04	<2	7	19
K273720		<10	<1	0.24	20	0.27	1040	3	0.04	3	630	11	0.03	<2	6	19
K273721		<10	<1	0.23	30	0.08	1490	2	0.02	4	620	17	0.04	4	6	17
K273722		<10	1	0.19	20	0.40	819	<1	0.03	3	640	11	0.01	2	8	16
K273723		<10	1	0.26	30	0.17	1320	1	0.03	4	630	15	0.05	<2	6	17
K273724		10	2	0.25	10	1.16	647	49	0.36	328	700	8680	7.58	30	4	81
K273725		<10	<1	0.27	30	0.14	1220	1	0.05	4	640	17	0.03	2	7	23
K273726		<10	<1	0.30	30	0.11	2400	1	0.03	3	630	18	0.10	2	7	22
K273727		<10	1	0.24	30	0.38	1245	1	0.03	3	660	12	0.01	<2	8	19
K273728		<10	<1	0.23	30	0.37	1090	1	0.05	3	660	10	0.02	2	7	18
K273729		<10	<1	0.23	30	0.43	796	1	0.04	3	660	10	0.01	3	8	16
K273730		<10	1	0.22	30	0.38	1000	1	0.04	3	620	11	0.02	<2	7	18
K273731		<10	<1	0.22	20	0.34	1150	1	0.02	3	650	12	0.01	2	8	15
K273732		<10	1	0.26	30	0.30	1710	1	0.02	3	620	12	0.01	3	8	18
K273733		<10	1	0.24	30	0.05	1890	1	0.01	3	600	18	0.02	3	8	17
K273734		10	2	1.08	20	0.14	3310	1	0.02	5	510	24	0.12	7	7	34
K273735		<10	1	0.22	20	0.27	1295	1	0.02	3	690	15	0.01	2	8	17
K273736		<10	1	0.26	40	0.16	3070	1	0.02	4	640	17	0.04	2	8	21

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VANCOUVER BC V6B 1L8

Finalized Date: 16- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11118002

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273701		20	0.02	<10	<10	44	<10	122
K273702		<20	0.06	<10	<10	56	<10	80
K273703		<20	0.03	<10	<10	51	<10	76
K273704		20	0.03	<10	<10	57	<10	109
K273705		<20	0.02	<10	<10	44	<10	119
K273706		20	0.03	<10	<10	46	<10	83
K273707		<20	0.09	<10	<10	53	<10	49
K273708		<20	0.03	<10	<10	45	<10	60
K273709		20	0.01	<10	<10	46	<10	58
K273710		<20	0.01	<10	<10	38	<10	76
K273711		<20	0.04	<10	<10	48	<10	54
K273712		<20	0.04	<10	<10	49	<10	100
K273713		20	0.02	<10	<10	47	<10	86
K273714		20	0.01	<10	<10	39	<10	127
K273715		20	0.02	<10	<10	52	<10	53
K273716		<20	<0.01	<10	10	1	<10	16
K273717		<20	0.04	<10	<10	52	<10	64
K273718		<20	0.07	<10	<10	55	<10	55
K273719		<20	0.01	<10	<10	44	<10	112
K273720		<20	0.02	<10	<10	41	<10	61
K273721		<20	0.01	<10	<10	39	<10	77
K273722		20	0.01	<10	<10	47	<10	48
K273723		20	0.01	<10	<10	37	<10	66
K273724		<20	0.06	<10	<10	329	20	8170
K273725		20	0.01	<10	<10	41	<10	76
K273726		<20	<0.01	<10	<10	33	<10	68
K273727		20	0.03	<10	<10	48	<10	53
K273728		20	0.01	<10	<10	48	<10	59
K273729		20	0.02	<10	<10	50	<10	48
K273730		20	0.02	<10	<10	46	<10	53
K273731		20	0.02	<10	<10	41	<10	55
K273732		20	0.02	<10	<10	42	<10	56
K273733		20	<0.01	<10	<10	32	<10	72
K273734		<20	<0.01	<10	<10	42	<10	75
K273735		20	0.01	<10	<10	41	<10	56
K273736		20	<0.01	<10	<10	35	<10	75

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Finalized Date: 14- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11118003

Project: Klaza TR- 25

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11118003

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273737		3.75	0.006	0.2	1.60	8	<10	440	0.7	<2	0.42	<0.5	8	8	18	3.15
K273738		4.00	0.005	<0.2	1.71	9	<10	330	0.7	<2	0.48	<0.5	8	7	11	3.18
K273739		4.36	0.007	0.2	1.42	12	<10	680	0.8	<2	0.42	<0.5	7	7	34	3.28
K273740		3.09	0.006	0.6	1.07	10	<10	730	0.8	4	0.34	<0.5	10	6	30	3.53
K273741		3.03	0.005	0.6	1.39	7	<10	490	0.8	4	0.42	<0.5	9	7	37	3.53
K273742		3.55	0.007	0.2	0.95	8	<10	540	0.6	4	0.24	<0.5	7	6	15	2.72
K273743		5.63	0.009	<0.2	0.91	11	<10	840	0.7	4	0.39	0.5	8	5	10	3.45
K273744		2.80	0.005	<0.2	0.91	12	<10	310	0.6	3	0.21	<0.5	13	4	3	2.90
K273745		3.95	0.009	0.3	1.04	25	<10	1130	0.7	4	1.22	0.9	16	4	16	3.19
K273746		0.13	1.645	33.2	4.94	146	<10	40	<0.5	2	4.60	32.8	89	58	7110	8.28
K273747		2.91	<0.005	<0.2	1.51	7	<10	440	0.6	3	0.35	<0.5	8	8	19	3.05
K273748		3.62	0.006	0.3	0.59	45	<10	400	0.8	3	0.96	0.7	8	3	16	2.91
K273749		2.68	0.017	1.2	0.31	51	<10	660	0.7	4	13.4	1.1	5	<1	13	5.30
K273750		2.74	<0.005	<0.2	1.04	8	<10	360	0.7	3	0.48	<0.5	6	6	10	2.81
K273751		3.04	0.059	<0.2	1.43	15	<10	420	0.7	3	0.37	<0.5	8	6	10	3.19
K273752		5.76	0.008	<0.2	1.02	13	<10	350	0.6	3	0.32	<0.5	8	7	15	3.03
K273753		4.66	0.011	0.2	0.80	35	<10	1140	0.9	3	0.26	<0.5	27	5	14	4.01
K273754		4.99	0.014	0.2	0.78	30	<10	1900	0.8	3	0.23	<0.5	16	4	12	3.28
K273755		5.00	0.017	0.2	1.07	24	<10	760	0.7	4	0.34	<0.5	11	6	10	3.63
K273756		2.61	<0.005	<0.2	0.58	9	<10	630	<0.5	4	1.02	<0.5	10	5	2	2.93
K273757		2.77	0.025	0.2	0.80	21	<10	1070	0.5	3	0.27	<0.5	10	6	11	2.80
K273758		3.28	0.006	0.2	0.70	16	<10	1020	0.6	4	0.21	<0.5	16	6	6	2.90
K273759		3.86	0.045	0.2	0.84	14	<10	700	0.6	3	0.30	<0.5	16	6	6	3.37
K273760		2.24	0.277	0.4	0.91	22	<10	770	0.6	4	0.22	<0.5	15	6	7	3.94
K273761		2.00	0.144	0.2	0.79	11	<10	710	0.6	4	0.23	<0.5	7	7	4	3.12
K273762		4.68	0.008	0.2	0.70	14	<10	1670	0.8	3	0.40	<0.5	10	4	5	3.03
K273763		3.55	<0.005	<0.2	0.06	2	<10	10	<0.5	<2	19.5	<0.5	<1	1	1	0.43
K273764		4.95	0.017	0.4	0.69	49	<10	790	0.7	2	0.47	0.5	8	4	7	3.04
K273765		2.08	0.011	0.5	0.75	48	<10	730	0.8	2	0.24	<0.5	9	4	4	3.18
K273766		3.73	0.038	0.7	1.12	21	<10	490	0.8	7	0.40	<0.5	12	7	5	3.43
K273767		3.91	0.022	1.2	0.59	40	<10	760	0.6	7	0.24	1.0	12	5	6	2.48
K273768		5.88	0.025	1.4	0.81	19	<10	680	0.6	7	0.36	1.0	9	6	6	2.71
K273769		4.32	0.024	0.9	0.72	42	<10	720	0.7	4	0.31	2.6	9	5	61	3.12
K273770		5.62	0.010	0.3	0.88	24	<10	680	0.5	4	0.31	0.6	9	9	8	2.62
K273771		3.66	0.006	0.4	0.76	19	<10	960	0.6	4	0.25	0.9	8	6	8	2.50
K273772		2.03	<0.005	<0.2	1.04	9	<10	360	<0.5	3	0.38	<0.5	8	7	5	2.70

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VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11118003

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273737		10	1	0.22	20	0.56	993	<1	0.03	3	650	11	0.01	3	8	21
K273738		10	1	0.16	20	0.63	749	1	0.04	2	620	9	0.01	<2	7	25
K273739		<10	<1	0.22	30	0.42	2270	1	0.03	3	590	12	0.01	3	7	30
K273740		<10	1	0.31	30	0.23	3000	1	0.03	4	660	17	0.03	3	8	29
K273741		<10	1	0.23	30	0.36	1530	1	0.03	3	700	10	<0.01	2	8	23
K273742		<10	1	0.23	30	0.14	1580	1	<0.01	2	630	12	<0.01	2	7	14
K273743		<10	1	0.26	30	0.07	2770	2	<0.01	1	630	10	0.01	3	8	23
K273744		<10	1	0.26	30	0.08	1045	1	<0.01	1	630	7	<0.01	<2	6	13
K273745		<10	1	0.31	30	0.20	3400	2	<0.01	2	560	31	0.02	<2	5	49
K273746		10	1	0.24	<10	1.15	629	45	0.33	327	690	8300	7.08	29	4	80
K273747		10	2	0.23	30	0.41	761	1	<0.01	2	840	10	<0.01	6	8	13
K273748		<10	1	0.29	20	0.06	2590	1	<0.01	1	560	36	0.12	5	6	24
K273749		<10	1	0.19	20	1.95	18100	2	<0.01	1	180	216	0.38	7	2	250
K273750		<10	<1	0.22	20	0.24	763	1	0.03	1	620	19	<0.01	3	8	23
K273751		10	2	0.21	20	0.40	811	1	0.02	2	610	10	0.02	5	6	20
K273752		<10	1	0.23	20	0.30	806	2	0.03	2	610	7	<0.01	5	7	19
K273753		<10	1	0.28	30	0.06	3290	3	0.01	3	570	10	<0.01	<2	6	20
K273754		<10	1	0.26	30	0.06	1370	2	<0.01	3	520	13	0.06	4	5	25
K273755		<10	1	0.26	30	0.14	1245	1	0.01	3	680	10	0.02	3	6	23
K273756		<10	1	0.26	10	0.20	966	2	0.01	3	370	5	0.13	2	2	39
K273757		<10	<1	0.24	20	0.11	959	2	0.01	3	630	10	0.03	4	4	23
K273758		<10	<1	0.25	20	0.08	1495	2	0.01	4	590	11	0.05	2	3	20
K273759		<10	<1	0.28	20	0.15	1325	1	0.01	3	600	12	0.07	2	4	20
K273760		<10	1	0.27	20	0.14	1275	2	0.02	3	590	14	0.15	2	4	24
K273761		<10	<1	0.22	30	0.06	876	2	0.01	1	670	12	0.02	3	7	17
K273762		<10	1	0.26	20	0.05	1430	2	<0.01	3	590	13	0.04	2	6	31
K273763		<10	<1	0.03	<10	12.45	190	<1	0.01	1	210	<2	0.01	<2	<1	51
K273764		<10	1	0.30	20	0.06	2200	2	0.01	3	610	25	0.04	4	5	24
K273765		<10	<1	0.28	30	0.07	1930	5	0.01	3	620	16	0.01	2	4	23
K273766		<10	1	0.24	30	0.23	1220	2	<0.01	2	780	14	0.02	2	7	18
K273767		<10	1	0.28	20	0.07	851	2	0.01	2	560	49	0.04	3	3	20
K273768		<10	1	0.30	20	0.11	1280	2	0.02	2	610	38	0.04	3	4	21
K273769		<10	1	0.31	20	0.08	1455	2	0.01	3	620	55	0.09	7	5	26
K273770		<10	<1	0.24	20	0.22	1080	2	0.03	3	640	38	0.02	<2	4	24
K273771		<10	<1	0.26	20	0.11	1310	4	0.02	3	630	50	0.03	2	5	24
K273772		<10	1	0.22	20	0.41	807	2	0.04	3	610	12	0.01	2	4	25

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VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11118003

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273737		20	0.03	<10	<10	50	<10	48
K273738		20	0.02	<10	<10	50	<10	44
K273739		20	0.02	<10	<10	43	<10	50
K273740		20	0.02	<10	<10	41	<10	62
K273741		20	0.03	<10	<10	49	<10	60
K273742		<20	<0.01	<10	<10	39	<10	79
K273743		<20	<0.01	<10	<10	42	<10	86
K273744		<20	<0.01	<10	<10	36	<10	69
K273745		<20	0.01	<10	<10	30	<10	104
K273746		<20	0.05	<10	<10	323	<10	8030
K273747		20	0.05	<10	<10	74	<10	45
K273748		<20	<0.01	<10	<10	20	<10	83
K273749		<20	<0.01	<10	<10	6	<10	125
K273750		20	0.02	<10	<10	46	<10	47
K273751		20	0.01	<10	<10	43	<10	49
K273752		20	0.02	<10	<10	45	<10	52
K273753		<20	<0.01	<10	<10	33	<10	81
K273754		20	<0.01	<10	<10	28	<10	69
K273755		20	0.01	<10	<10	41	<10	66
K273756		<20	<0.01	<10	<10	25	<10	52
K273757		<20	0.01	<10	<10	28	<10	68
K273758		<20	<0.01	<10	<10	25	<10	75
K273759		<20	0.01	<10	<10	31	<10	63
K273760		<20	0.01	<10	<10	36	<10	69
K273761		20	0.01	<10	<10	39	<10	51
K273762		<20	<0.01	<10	<10	31	<10	59
K273763		<20	<0.01	<10	10	1	<10	16
K273764		<20	<0.01	<10	<10	25	<10	83
K273765		<20	<0.01	<10	<10	23	<10	90
K273766		20	<0.01	<10	<10	40	<10	79
K273767		<20	<0.01	<10	<10	20	<10	269
K273768		<20	0.01	<10	<10	28	<10	101
K273769		<20	<0.01	<10	<10	25	<10	350
K273770		<20	0.02	<10	<10	38	<10	91
K273771		<20	0.01	<10	<10	30	<10	131
K273772		<20	0.04	<10	<10	42	<10	55

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VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119962

Project: Klaza- RDH- 15

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2011
Account: ROCKHA

Project: Klaza- RDH- 15

CERTIFICATE OF ANALYSIS WH11119962

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K271601		8.58	0.005	0.2	1.20	33	<10	250	<0.5	2	1.22	0.8	5	10	9	2.64
K271602		6.73	0.052	1.0	1.10	190	<10	280	<0.5	2	1.73	32.5	5	9	38	2.80
K271603		9.34	<0.005	<0.2	1.26	12	<10	210	<0.5	3	1.53	<0.5	6	9	9	2.64
K271604		10.41	0.156	2.1	0.98	640	<10	520	0.6	3	2.17	22.2	6	8	24	2.97
K271605		11.17	<0.005	<0.2	1.19	12	<10	150	<0.5	3	1.41	<0.5	5	10	11	2.64
K271606		5.83	0.008	0.3	1.21	13	<10	140	<0.5	2	1.26	<0.5	6	10	12	2.63
K271607		4.61	<0.005	<0.2	1.18	12	<10	160	<0.5	4	1.05	<0.5	8	10	7	2.50
K271608		13.42	0.006	0.3	1.25	20	<10	210	0.5	3	1.34	0.6	6	9	13	2.84
K271609		5.59	0.335	46.1	0.77	242	<10	120	0.6	3	2.05	39.5	6	5	157	3.32
K271610		2.48	<0.005	<0.2	0.04	4	<10	20	<0.5	2	21.8	<0.5	<1	1	<1	0.47
K271611		8.77	0.005	0.4	1.17	13	<10	250	<0.5	3	1.50	<0.5	7	12	8	2.74
K271612		6.39	<0.005	0.2	1.30	10	<10	290	0.5	3	2.62	0.6	6	7	12	2.71
K271613		6.18	0.020	1.6	1.08	21	<10	210	0.5	4	1.90	4.9	8	8	12	2.77
K271614		11.80	0.020	0.5	1.13	16	<10	260	0.5	3	1.65	0.9	5	8	10	2.81
K271615		7.17	0.066	1.2	1.06	25	<10	500	0.5	3	1.94	2.6	5	8	15	2.80
K271616		11.19	0.008	0.2	0.86	34	<10	690	0.8	3	3.18	<0.5	5	3	1	2.36
K271617		11.89	<0.005	<0.2	0.72	34	<10	840	0.8	3	3.28	<0.5	5	3	<1	2.16
K271618		10.56	0.007	0.4	0.97	26	<10	460	0.6	2	1.76	1.0	6	7	3	2.68
K271619		9.10	<0.005	<0.2	1.16	12	<10	210	<0.5	2	1.51	<0.5	5	11	8	2.76
K271620		7.46	0.562	16.1	0.72	664	<10	220	0.7	3	2.54	6.8	5	5	104	2.83
K271621		8.80	0.041	1.9	0.89	233	<10	510	0.5	2	1.68	11.2	5	9	10	2.44
K271622		6.96	0.018	1.7	0.73	41	<10	530	0.7	2	1.92	1.5	6	6	3	2.41
K271623		10.75	<0.005	<0.2	0.73	9	<10	1380	0.8	2	3.63	<0.5	4	5	<1	1.74
K271624		0.14	1.385	35.4	4.89	161	<10	50	<0.5	6	4.60	33.2	85	58	7580	8.23
K271625		9.40	<0.005	<0.2	0.77	8	<10	990	0.8	2	3.89	<0.5	4	5	6	1.72
K271626		12.50	0.011	0.5	0.84	55	<10	1030	0.8	4	2.57	<0.5	6	5	8	2.35
K271627		8.67	0.036	0.9	0.81	174	<10	710	0.7	3	2.86	1.4	4	5	4	2.48
K271628		0.14	1.490	34.4	5.03	168	<10	40	<0.5	<2	4.69	33.8	86	59	7870	8.31
K271629		6.47	0.082	0.6	0.92	420	<10	350	0.7	2	2.34	0.9	7	5	11	2.84
K271630		6.46	0.016	0.5	1.08	24	<10	670	0.7	3	1.69	1.6	4	5	6	2.63
K271631		9.48	0.069	3.7	0.63	148	<10	320	0.8	3	2.60	4.4	6	4	9	2.80
K271632		5.98	0.083	1.6	0.71	372	<10	180	0.6	3	2.59	2.4	10	4	8	3.01
K271633		2.55	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	21.1	<0.5	<1	1	<1	0.46
K271634		10.17	0.024	0.7	0.89	50	<10	570	0.6	3	2.01	1.3	4	8	9	2.52
K271635		5.36	0.019	0.4	0.73	75	<10	420	0.8	2	2.39	<0.5	4	4	5	2.55
K271636		5.96	<0.005	<0.2	1.06	15	<10	290	0.5	3	1.77	<0.5	5	10	4	2.59

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Finalized Date: 26- JUL- 2011
Account: ROCKHA

Project: Klaza- RDH- 15

CERTIFICATE OF ANALYSIS WH11119962

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271601		<10	<1	0.19	20	0.60	538	5	0.10	2	600	17	0.05	<2	6	50
K271602		<10	<1	0.21	20	0.57	911	1	0.07	1	610	30	0.46	3	6	58
K271603		<10	<1	0.21	20	0.60	597	1	0.09	2	590	8	0.04	<2	6	60
K271604		<10	<1	0.30	20	0.60	1670	1	0.06	2	580	239	0.75	3	6	73
K271605		10	<1	0.17	20	0.64	502	<1	0.09	2	590	8	0.07	<2	5	51
K271606		10	<1	0.16	10	0.66	464	<1	0.08	2	590	23	0.10	<2	5	45
K271607		10	<1	0.16	10	0.67	392	<1	0.09	2	570	6	0.14	<2	4	48
K271608		<10	<1	0.21	20	0.57	555	<1	0.07	2	600	32	0.33	2	6	56
K271609		<10	1	0.36	10	0.51	2520	<1	0.02	1	510	>10000	2.09	43	4	66
K271610		<10	<1	0.02	<10	12.95	214	<1	0.02	1	240	31	0.03	<2	<1	55
K271611		<10	<1	0.24	20	0.64	640	<1	0.10	2	580	76	0.14	<2	7	67
K271612		10	<1	0.22	20	0.60	631	1	0.05	2	580	34	0.04	<2	7	114
K271613		<10	<1	0.23	20	0.58	665	1	0.06	2	570	34	0.26	<2	6	78
K271614		<10	<1	0.24	20	0.63	627	<1	0.08	2	590	83	0.10	<2	7	91
K271615		<10	1	0.22	20	0.62	621	<1	0.07	2	600	145	0.17	<2	7	90
K271616		<10	<1	0.38	20	0.97	615	<1	0.03	3	740	15	0.08	<2	4	146
K271617		<10	<1	0.34	20	0.96	700	<1	0.04	2	690	15	0.07	<2	4	184
K271618		<10	<1	0.26	20	0.67	739	1	0.06	1	580	54	0.22	<2	6	95
K271619		<10	<1	0.21	20	0.74	625	1	0.11	2	620	12	0.04	<2	7	84
K271620		<10	<1	0.36	20	0.78	2350	1	0.02	2	530	919	1.22	25	5	72
K271621		<10	1	0.26	20	0.59	996	1	0.06	2	540	169	0.58	3	5	81
K271622		<10	<1	0.36	20	0.55	1190	2	0.04	2	570	236	0.47	<2	5	108
K271623		<10	<1	0.34	10	0.75	448	<1	0.03	2	560	20	0.04	<2	4	516
K271624		10	2	0.24	<10	1.13	620	49	0.34	332	720	8810	8.07	31	4	77
K271625		<10	<1	0.36	10	0.75	417	<1	0.02	3	620	28	0.03	<2	4	507
K271626		<10	<1	0.29	20	0.61	784	2	0.03	2	570	29	0.38	4	7	127
K271627		<10	<1	0.28	20	0.56	1180	1	0.02	2	560	94	0.44	2	7	103
K271628		10	1	0.25	<10	1.16	632	47	0.33	343	730	8920	8.22	32	4	78
K271629		<10	<1	0.31	20	0.52	1230	1	0.02	2	590	65	0.90	3	7	94
K271630		<10	<1	0.28	20	0.54	892	<1	0.02	1	630	45	0.22	2	8	85
K271631		<10	<1	0.37	20	0.76	1500	1	0.02	2	520	333	0.96	3	5	129
K271632		<10	1	0.39	10	0.61	1765	1	0.02	2	560	100	1.79	4	4	111
K271633		<10	<1	0.02	<10	12.40	216	<1	0.02	1	200	2	0.01	<2	<1	51
K271634		<10	<1	0.30	20	0.59	1125	1	0.06	2	590	85	0.35	<2	7	118
K271635		<10	<1	0.40	20	0.61	1515	<1	0.02	1	570	21	0.79	3	6	130
K271636		<10	1	0.24	20	0.68	614	<1	0.09	2	600	8	0.08	<2	7	103

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Project: Klaza- RDH- 15

CERTIFICATE OF ANALYSIS WH11119962

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K271601		<20	0.05	<10	<10	50	<10	82	<1	
K271602		<20	0.03	<10	<10	45	<10	3950	<1	
K271603		<20	0.04	<10	<10	50	<10	57	<1	
K271604		<20	0.01	<10	<10	36	<10	2960	1	
K271605		<20	0.06	<10	<10	51	<10	52	<1	
K271606		<20	0.07	<10	<10	51	<10	57	<1	
K271607		<20	0.11	<10	<10	51	<10	31	<1	
K271608		<20	0.03	<10	<10	48	<10	128	<1	
K271609		<20	<0.01	<10	<10	18	<10	4280	41	1.560
K271610		<20	<0.01	<10	<10	3	<10	30	<1	
K271611		<20	0.03	<10	<10	47	<10	70	<1	
K271612		<20	0.03	<10	<10	48	<10	106	<1	
K271613		<20	0.02	<10	<10	41	<10	316	1	
K271614		<20	0.02	<10	<10	44	<10	115	<1	
K271615		<20	0.02	<10	<10	44	<10	236	<1	
K271616		<20	<0.01	<10	<10	31	<10	68	<1	
K271617		<20	<0.01	<10	<10	28	<10	56	<1	
K271618		20	0.01	<10	<10	39	<10	102	<1	
K271619		<20	0.03	<10	<10	47	<10	58	<1	
K271620		<20	<0.01	<10	<10	21	<10	563	14	
K271621		<20	0.01	<10	<10	29	<10	694	1	
K271622		<20	<0.01	<10	<10	22	<10	122	<1	
K271623		<20	<0.01	<10	<10	27	<10	85	<1	
K271624		<20	0.06	<10	<10	322	<10	8100	31	
K271625		<20	<0.01	<10	<10	27	<10	89	<1	
K271626		20	<0.01	<10	<10	27	<10	58	<1	
K271627		<20	<0.01	<10	<10	29	<10	148	1	
K271628		<20	0.06	<10	<10	331	<10	8300	30	
K271629		<20	0.01	<10	<10	29	<10	113	1	
K271630		<20	<0.01	<10	<10	37	<10	160	1	
K271631		<20	<0.01	<10	<10	22	<10	335	3	
K271632		<20	<0.01	<10	<10	17	<10	228	5	
K271633		<20	<0.01	<10	10	2	<10	18	<1	
K271634		<20	0.01	<10	<10	33	<10	121	1	
K271635		<20	<0.01	<10	<10	19	<10	61	<1	
K271636		<20	0.01	<10	<10	43	<10	34	1	

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Finalized Date: 21- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119963

Project: Klaza- DDH- 15

P.O. No.: Batch 2

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11119963

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K271637		10.99	0.579		7.2	0.52	1680	<10	180	0.8	<2	2.07	22.8	6	5	41
K271638		9.18	0.007		0.3	0.56	16	<10	830	0.9	<2	2.81	0.5	4	8	6
K271639		7.10	>10.0	18.75	52.5	0.33	>10000	<10	10	<0.5	3	1.90	132.0	5	4	220
K271640		2.66	0.049		<0.2	0.05	186	<10	20	<0.5	<2	18.5	<0.5	1	1	4
K271641		6.18	2.90		16.7	0.56	8500	<10	30	0.8	<2	2.50	89.8	6	5	62
K271642		6.00	0.040		0.9	0.76	158	<10	320	0.8	<2	2.25	2.5	5	4	12
K271643		0.11	1.405		30.0	4.61	136	<10	40	<0.5	3	4.36	30.0	80	52	6530
K271644		11.45	0.162		6.1	0.57	785	<10	310	0.7	2	1.73	8.0	7	4	33
K271645		11.81	0.014		0.8	0.56	69	<10	590	0.6	<2	1.71	4.7	5	4	13
K271646		7.33	0.013		0.4	0.72	31	<10	650	0.5	<2	1.76	<0.5	6	8	11
K271647		8.74	0.006		0.4	0.90	38	<10	310	0.5	<2	1.62	3.2	5	8	13
K271648		7.80	<0.005		0.2	0.83	18	<10	290	0.6	<2	2.22	<0.5	6	6	6
K271649		9.08	0.008		1.8	0.93	8	<10	210	0.5	<2	1.54	2.6	5	7	9
K271650		7.26	0.011		1.3	0.73	40	<10	770	0.7	<2	1.96	3.4	7	5	8
K271651		7.45	0.016		4.2	0.56	136	<10	440	0.6	<2	2.33	5.4	6	4	9
K271652		3.29	0.101		5.6	0.28	663	10	120	<0.5	<2	1.96	23.3	4	8	19
K271653		4.38	1.975		57.9	0.36	3670	<10	30	<0.5	5	1.88	58.8	12	3	204
K271654		2.88	0.005		<0.2	0.04	5	<10	20	<0.5	<2	19.0	<0.5	1	1	4
K271655		4.55	0.124		2.7	0.74	208	<10	130	0.5	<2	2.17	6.5	10	6	16
K271656		8.79	0.072		4.0	0.98	129	<10	210	0.5	<2	1.68	9.5	4	8	25
K271657		12.01	<0.005		<0.2	1.13	6	<10	130	<0.5	<2	1.50	<0.5	5	10	6
K271658		12.93	<0.005		<0.2	1.04	4	<10	240	<0.5	<2	1.31	<0.5	4	10	5
K271659		0.11	1.620		32.3	4.67	137	<10	40	<0.5	4	4.43	30.7	80	53	6590
K271660		11.49	0.008		<0.2	1.05	9	<10	210	<0.5	<2	1.29	<0.5	3	16	14
K271661		8.12	0.031		0.5	0.73	43	<10	130	0.5	<2	2.16	<0.5	19	6	7
K271662		2.20	0.183		24.8	0.33	407	<10	10	<0.5	13	1.42	24.7	51	3	10
K271663		9.90	0.015		0.6	0.98	27	<10	280	<0.5	2	1.72	<0.5	10	9	7
K271664		12.82	0.010		1.2	0.75	12	<10	400	<0.5	<2	2.62	<0.5	12	8	7
K271665		5.34	0.007		0.4	0.80	10	<10	410	<0.5	<2	2.40	0.8	11	6	6
K271666		12.83	<0.005		0.2	1.17	8	<10	270	<0.5	<2	2.00	<0.5	6	10	5
K271667		11.66	0.011		0.2	1.02	13	<10	250	<0.5	<2	1.73	<0.5	4	10	5
K271668		5.25	<0.005		<0.2	1.13	5	<10	200	<0.5	<2	1.26	<0.5	3	13	6

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 15

CERTIFICATE OF ANALYSIS WH11119963

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K271637		2.84	<10	1	0.29	20	0.53	1710	2	<0.01	4	490	754	1.23	15	5
K271638		1.78	<10	<1	0.26	10	0.85	652	<1	<0.01	8	510	19	0.08	4	5
K271639		8.16	<10	<1	0.24	<10	0.49	4750	3	<0.01	1	300	5760	7.78	164	1
K271640		0.45	<10	<1	0.03	<10	11.40	211	<1	<0.01	1	170	12	0.05	<2	<1
K271641		3.72	<10	1	0.27	10	0.72	2070	3	0.01	4	690	2000	2.38	39	4
K271642		2.54	<10	<1	0.25	20	0.65	1210	1	0.01	2	540	94	0.26	4	7
K271643		7.75	10	1	0.23	<10	1.06	583	41	0.33	289	630	7640	6.74	26	4
K271644		2.76	<10	<1	0.20	20	0.55	1380	1	<0.01	2	550	573	0.75	9	8
K271645		2.23	<10	<1	0.19	20	0.59	861	2	<0.01	2	490	98	0.20	4	7
K271646		2.52	<10	<1	0.22	20	0.58	714	1	0.05	2	510	22	0.28	3	7
K271647		2.44	<10	1	0.18	20	0.59	706	1	0.05	2	540	39	0.11	2	6
K271648		2.55	<10	<1	0.17	20	0.63	631	1	0.05	2	550	8	0.08	2	6
K271649		2.43	<10	<1	0.15	20	0.59	574	1	0.05	2	540	86	0.08	3	6
K271650		2.62	<10	<1	0.24	20	0.62	1190	1	0.01	2	540	146	0.29	3	7
K271651		2.46	<10	<1	0.24	20	0.68	2350	1	0.01	2	480	485	0.47	5	6
K271652		2.37	<10	<1	0.21	<10	0.22	1420	7	0.01	2	340	765	1.98	12	1
K271653		4.00	<10	1	0.23	<10	0.50	2950	43	<0.01	2	310	1710	3.70	140	2
K271654		0.39	<10	<1	0.02	<10	11.70	185	<1	<0.01	<1	200	4	0.03	<2	<1
K271655		2.80	<10	1	0.31	20	0.61	1570	2	0.01	2	550	95	1.49	8	4
K271656		2.61	<10	<1	0.23	20	0.61	1060	1	0.05	1	560	185	0.59	13	5
K271657		2.59	<10	<1	0.15	20	0.63	403	1	0.05	2	570	7	0.11	<2	5
K271658		2.46	<10	1	0.15	10	0.66	396	1	0.07	2	560	8	0.08	<2	5
K271659		7.88	10	1	0.23	<10	1.08	591	41	0.32	294	620	7750	6.81	27	4
K271660		2.47	<10	<1	0.15	10	0.63	422	1	0.08	2	560	18	0.08	2	5
K271661		2.98	<10	<1	0.27	10	0.62	1070	1	0.03	2	530	11	1.36	<2	5
K271662		5.17	<10	<1	0.25	10	0.29	3330	<1	0.01	2	180	347	4.78	4	1
K271663		2.77	<10	1	0.23	20	0.60	694	1	0.06	3	540	17	0.69	<2	5
K271664		2.83	<10	<1	0.29	10	0.59	909	1	0.03	2	600	9	0.72	2	5
K271665		2.70	<10	<1	0.27	10	0.57	918	<1	0.03	2	550	10	0.60	<2	5
K271666		2.52	<10	<1	0.21	20	0.66	463	1	0.06	2	560	5	0.18	<2	6
K271667		2.41	<10	<1	0.18	20	0.60	433	<1	0.05	2	550	22	0.14	<2	4
K271668		2.61	10	<1	0.15	20	0.69	429	1	0.07	2	550	8	0.05	2	5

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CERTIFICATE OF ANALYSIS WH11119963

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
K271637		103	<20	<0.01	<10	<10	17	<10	1715	7
K271638		249	<20	<0.01	<10	<10	25	<10	84	<1
K271639		40	<20	<0.01	<10	<10	4	<10	9800	52
K271640		47	<20	<0.01	<10	<10	<1	<10	60	<1
K271641		99	<20	<0.01	<10	<10	16	<10	5280	17
K271642		82	<20	<0.01	<10	<10	27	<10	203	1
K271643		73	<20	0.05	<10	10	299	10	6860	31
K271644		54	<20	<0.01	<10	<10	27	<10	901	6
K271645		56	<20	<0.01	<10	<10	28	<10	350	1
K271646		81	<20	0.01	<10	<10	33	<10	55	<1
K271647		76	<20	0.02	<10	<10	37	<10	210	<1
K271648		86	<20	0.01	<10	<10	36	<10	45	<1
K271649		70	<20	0.02	<10	<10	39	<10	181	2
K271650		63	<20	<0.01	<10	<10	30	<10	242	1
K271651		66	<20	<0.01	<10	<10	23	<10	413	4
K271652		48	<20	<0.01	<10	<10	6	<10	2330	5
K271653		34	<20	<0.01	<10	10	8	<10	5010	56
K271654		48	<20	<0.01	<10	<10	<1	<10	25	<1
K271655		55	<20	<0.01	<10	<10	19	<10	677	3
K271656		63	<20	0.03	<10	<10	39	<10	895	4
K271657		49	<20	0.05	<10	<10	47	<10	38	<1
K271658		45	<20	0.09	<10	<10	51	<10	36	<1
K271659		73	<20	0.05	<10	10	304	<10	7000	31
K271660		48	<20	0.10	<10	<10	52	<10	57	<1
K271661		64	<20	0.01	<10	<10	26	<10	38	1
K271662		30	<20	<0.01	<10	<10	7	<10	1595	21
K271663		60	<20	0.03	<10	<10	42	<10	48	1
K271664		72	<20	<0.01	<10	<10	30	<10	49	1
K271665		69	<20	0.01	<10	<10	31	<10	88	<1
K271666		47	<20	0.04	<10	<10	43	<10	37	1
K271667		43	<20	0.05	<10	<10	43	<10	38	<1
K271668		44	<20	0.08	<10	<10	50	<10	38	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119964

Project: Klaza- DDH- 12

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11119964

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271109		12.81	0.033	0.3	0.67	14	<10	870	0.9	<2	2.60	<0.5	5	10	10	1.83
K271110		5.64	<0.005	0.2	0.56	14	<10	1290	0.5	<2	3.98	<0.5	4	15	11	1.96
K271111		5.92	0.324	0.6	0.57	669	<10	1480	0.5	<2	3.80	0.7	5	15	15	2.05
K271112		2.23	0.301	3.3	0.61	753	<10	30	0.6	<2	2.19	13.6	6	9	32	3.10
K271113		3.44	<0.005	0.2	0.04	<2	<10	20	<0.5	<2	18.8	<0.5	1	1	6	0.42
K271114		3.71	0.199	1.2	0.87	86	<10	1040	0.6	<2	2.45	2.3	5	15	18	2.06
K271115		7.30	0.513	4.3	0.47	1505	<10	50	0.6	<2	1.59	11.1	8	2	22	3.38
K271116		7.32	0.305	7.3	0.53	755	<10	70	0.8	<2	2.09	28.3	5	3	58	2.93
K271117		6.29	6.81	>100	0.45	>10000	<10	20	0.6	<2	1.52	168.0	6	5	731	5.01
K271118		3.23	0.011	0.4	1.09	36	<10	200	<0.5	<2	1.25	0.5	5	10	10	2.54
K271119		4.90	0.023	0.6	0.68	42	<10	380	0.6	<2	2.52	0.5	7	5	26	2.54
K271120		4.40	2.78	>100	1.00	4560	<10	40	0.5	<2	3.13	75.6	7	3	294	5.84
K271121		2.82	<0.005	0.3	0.03	15	<10	10	<0.5	<2	18.5	<0.5	1	<1	3	0.44
K271122		6.67	0.043	3.0	0.94	18	<10	340	<0.5	<2	1.42	10.8	6	9	28	2.56
K271123		9.74	0.100	13.7	0.92	363	<10	310	<0.5	2	1.88	14.0	7	7	21	2.75
K271124		9.71	0.012	0.4	1.03	52	<10	390	<0.5	<2	1.44	1.1	6	8	13	2.59
K271125		3.93	0.111	0.8	0.75	484	<10	380	0.6	<2	2.85	2.5	7	6	23	2.81
K271126		1.94	0.059	0.7	0.80	347	<10	310	0.5	2	2.76	3.3	7	6	34	2.83
K271127		11.69	0.007	0.4	1.15	9	<10	240	<0.5	<2	1.22	<0.5	6	13	10	2.48
K271128		7.29	<0.005	<0.2	1.19	6	<10	290	<0.5	<2	1.19	<0.5	7	12	11	2.53
K271129		7.90	0.088	3.6	0.91	692	<10	300	<0.5	2	1.46	1.7	6	10	14	2.74
K271130		8.40	<0.005	<0.2	1.05	7	<10	170	<0.5	<2	1.26	<0.5	6	11	14	2.59
K271131		12.49	<0.005	0.2	1.16	8	<10	160	<0.5	<2	1.09	<0.5	6	12	10	2.44
K271132		0.13	1.180	31.5	4.62	137	<10	50	<0.5	16	4.48	31.1	79	56	6840	7.98
K271133		12.41	<0.005	0.2	1.13	5	<10	200	<0.5	<2	1.15	<0.5	5	11	23	2.47
K271134		5.36	<0.005	<0.2	1.13	8	<10	200	<0.5	<2	0.90	<0.5	7	11	11	2.52
K271135		5.21	0.020	0.7	0.90	14	<10	120	0.5	2	2.70	<0.5	8	8	10	3.42
K271136		9.30	0.007	0.2	1.24	4	<10	210	<0.5	<2	1.16	<0.5	7	13	8	2.64
K271137		8.92	0.007	<0.2	1.19	7	<10	260	<0.5	<2	1.52	<0.5	8	10	5	2.69
K271138		0.14	1.610	31.6	4.62	135	<10	50	<0.5	9	4.49	31.2	82	55	6820	7.99
K271139		5.47	0.019	0.7	0.86	10	<10	80	<0.5	3	2.64	<0.5	12	5	15	3.21
K271140		4.22	0.273	5.6	0.52	27	<10	20	<0.5	9	2.48	1.3	17	5	11	4.57
K271141		1.85	0.166	0.8	0.54	5	<10	130	<0.5	2	2.86	<0.5	8	4	1	2.77
K271142		3.52	0.005	0.2	0.99	9	<10	130	<0.5	<2	2.45	<0.5	15	8	1	2.92
K271143		10.51	<0.005	<0.2	1.24	6	<10	220	<0.5	<2	1.15	<0.5	6	12	3	2.53
K271144		5.13	0.005	<0.2	0.91	4	<10	210	0.6	<2	1.94	<0.5	5	8	2	2.56

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CERTIFICATE OF ANALYSIS WH11119964

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271109		<10	<1	0.30	10	0.88	554	<1	0.01	11	330	36	0.09	2	5	256
K271110		<10	<1	0.11	10	1.43	506	<1	0.01	14	70	12	0.08	<2	5	255
K271111		<10	<1	0.07	10	1.30	703	4	0.01	15	80	31	0.22	5	5	194
K271112		<10	<1	0.19	10	0.78	878	17	0.01	10	290	616	2.22	17	3	92
K271113		<10	<1	0.02	<10	11.70	203	<1	0.02	2	200	3	0.07	<2	<1	41
K271114		<10	<1	0.10	10	1.00	757	2	0.03	17	80	118	0.30	5	5	118
K271115		<10	<1	0.33	10	0.43	1670	2	0.02	1	500	644	2.68	13	4	76
K271116		<10	<1	0.33	20	0.55	3390	1	0.02	1	500	1335	1.52	20	5	103
K271117		<10	<1	0.30	10	0.41	2740	18	0.02	<1	440	>10000	4.58	181	3	69
K271118		<10	<1	0.19	20	0.65	470	1	0.11	<1	570	33	0.06	<2	5	67
K271119		<10	1	0.27	20	0.75	848	2	0.04	<1	570	33	0.57	7	6	118
K271120		<10	<1	0.38	10	1.14	3190	3	0.04	1	1020	3010	3.74	115	6	105
K271121		<10	<1	0.01	<10	11.55	206	<1	0.02	1	200	7	0.07	<2	<1	47
K271122		<10	<1	0.22	20	0.67	920	4	0.09	1	550	219	0.27	<2	5	76
K271123		<10	<1	0.25	20	0.60	1020	1	0.06	<1	530	2260	0.93	11	5	82
K271124		<10	<1	0.25	20	0.63	698	1	0.08	1	540	26	0.38	2	5	75
K271125		<10	<1	0.32	20	0.64	1965	1	0.04	<1	540	61	0.94	5	5	113
K271126		<10	<1	0.31	20	0.66	1880	1	0.05	<1	540	61	0.81	5	5	110
K271127		<10	<1	0.20	20	0.63	479	1	0.10	<1	570	22	0.16	<2	4	60
K271128		<10	<1	0.21	20	0.64	450	1	0.11	1	580	8	0.07	<2	5	58
K271129		<10	<1	0.26	20	0.57	870	1	0.07	<1	570	430	0.73	11	4	65
K271130		<10	<1	0.17	20	0.56	421	<1	0.09	<1	570	8	0.18	<2	5	61
K271131		10	<1	0.15	20	0.60	336	1	0.10	<1	570	8	0.13	<2	3	50
K271132		10	1	0.24	10	1.12	611	44	0.34	289	650	8030	7.22	29	4	73
K271133		<10	<1	0.17	20	0.60	364	<1	0.11	<1	570	14	0.15	<2	4	58
K271134		<10	<1	0.14	20	0.67	312	<1	0.10	<1	580	10	0.55	<2	3	51
K271135		<10	<1	0.24	20	0.58	660	<1	0.07	<1	610	34	1.98	3	6	104
K271136		10	<1	0.15	20	0.71	345	<1	0.10	<1	600	10	0.77	<2	4	52
K271137		<10	<1	0.19	20	0.67	425	1	0.08	<1	580	13	0.96	2	4	59
K271138		10	1	0.23	10	1.13	612	44	0.34	296	650	8050	7.23	28	4	73
K271139		<10	<1	0.27	10	0.71	733	1	0.03	1	650	23	2.21	<2	4	98
K271140		<10	<1	0.30	<10	0.68	1180	4	0.03	<1	480	88	4.05	6	2	85
K271141		<10	<1	0.32	10	0.66	986	<1	0.02	1	550	40	1.80	<2	3	97
K271142		<10	<1	0.28	20	0.59	494	<1	0.05	<1	580	7	1.85	<2	4	61
K271143		10	<1	0.17	20	0.65	352	<1	0.11	<1	570	7	0.31	<2	4	55
K271144		<10	<1	0.21	20	0.47	475	<1	0.06	<1	570	9	0.58	<2	7	102

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11119964

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K271109		<20	<0.01	<10	<10	26	<10	57	<1	
K271110		<20	<0.01	<10	<10	37	<10	56	1	
K271111		<20	<0.01	<10	10	31	<10	76	<1	
K271112		<20	<0.01	<10	10	19	<10	962	3	
K271113		<20	<0.01	<10	<10	2	<10	16	<1	
K271114		<20	<0.01	<10	<10	29	<10	198	1	
K271115		<20	<0.01	<10	<10	9	<10	773	4	
K271116		<20	<0.01	<10	<10	12	<10	1845	6	
K271117		<20	<0.01	<10	<10	10	<10	9680	123	1.305
K271118		<20	0.05	<10	<10	48	<10	59	<1	
K271119		<20	<0.01	<10	<10	30	<10	59	1	
K271120		<20	<0.01	<10	<10	47	<10	5710	123	
K271121		<20	<0.01	<10	<10	2	<10	31	1	
K271122		<20	0.05	<10	<10	43	<10	684	3	
K271123		<20	0.02	<10	<10	34	30	848	12	
K271124		<20	0.06	<10	<10	42	<10	86	1	
K271125		<20	0.01	<10	<10	24	<10	196	1	
K271126		<20	0.01	<10	<10	26	<10	230	<1	
K271127		<20	0.11	<10	<10	51	<10	37	1	
K271128		<20	0.12	<10	<10	55	<10	32	<1	
K271129		<20	0.07	<10	<10	41	<10	203	4	
K271130		<20	0.09	<10	<10	48	<10	32	<1	
K271131		<20	0.13	<10	<10	52	<10	29	<1	
K271132		<20	0.05	<10	<10	308	<10	7060	30	
K271133		<20	0.12	<10	<10	52	<10	41	<1	
K271134		<20	0.13	<10	<10	51	<10	31	<1	
K271135		<20	0.01	<10	<10	39	<10	79	1	
K271136		20	0.12	<10	<10	52	<10	35	<1	
K271137		<20	0.08	<10	<10	46	<10	42	1	
K271138		<20	0.05	<10	<10	309	<10	7100	31	
K271139		<20	<0.01	<10	<10	31	<10	69	1	
K271140		<20	<0.01	<10	10	15	90	147	7	
K271141		<20	<0.01	<10	<10	14	<10	45	1	
K271142		<20	<0.01	<10	<10	34	<10	36	1	
K271143		<20	0.12	<10	<10	52	<10	30	1	
K271144		20	0.01	<10	<10	37	<10	37	<1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119965

Project: Klaza- DDH- 12

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11119965

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271073		3.75	0.743	18.4	0.55	2650	<10	60	0.7	<2	2.54	39.2	6	3	123	3.72
K271074		1.67	<0.005	<0.2	0.02	3	<10	10	<0.5	<2	18.4	<0.5	1	<1	2	0.40
K271075		6.55	0.080	3.8	0.62	140	<10	230	0.9	2	2.41	12.2	5	4	46	2.64
K271076		4.29	0.229	10.1	0.48	1600	<10	100	0.7	<2	2.01	17.8	6	3	163	3.20
K271077		10.92	0.024	1.9	0.49	114	<10	490	0.8	<2	2.30	7.4	6	4	64	2.84
K271078		9.65	0.023	0.2	0.80	13	<10	300	0.5	<2	1.92	<0.5	6	9	12	2.53
K271079		8.67	0.040	0.9	0.90	50	<10	700	0.6	<2	1.57	1.4	5	7	21	2.75
K271080		5.96	0.109	4.1	0.76	96	<10	850	<0.5	<2	1.71	9.9	7	6	31	2.62
K271081		7.54	<0.005	0.2	0.90	13	<10	210	<0.5	<2	1.47	<0.5	8	8	27	2.56
K271082		0.20	3.25	>100	0.16	>10000	<10	10	<0.5	2	0.41	309	4	8	1490	13.30
K271083		5.33	<0.005	<0.2	1.03	6	<10	140	<0.5	<2	1.27	<0.5	7	8	13	2.64
K271084		4.42	0.027	0.9	0.45	86	<10	460	0.7	<2	2.34	2.1	8	3	10	2.57
K271085		6.80	<0.005	0.2	0.73	24	<10	400	0.5	<2	1.78	<0.5	8	5	9	2.58
K271086		5.72	0.037	0.9	0.42	89	<10	220	0.8	<2	2.31	0.9	10	3	10	2.77
K271087		12.50	0.154	2.0	0.55	221	<10	230	0.7	<2	1.90	28.0	8	4	19	2.67
K271088		6.69	0.049	1.1	0.52	76	<10	450	0.7	<2	2.04	3.8	9	4	12	2.52
K271089		4.99	0.269	3.3	0.44	133	<10	470	0.7	<2	2.74	8.9	9	2	27	2.59
K271090		7.20	0.012	0.4	0.51	61	<10	720	0.6	<2	2.82	0.5	8	3	7	2.25
K271091		11.53	<0.005	<0.2	0.55	18	<10	1100	0.7	<2	3.62	0.6	8	4	6	2.17
K271092		11.92	<0.005	<0.2	0.55	7	<10	1320	0.6	<2	4.01	<0.5	6	4	2	1.71
K271093		11.49	<0.005	<0.2	0.45	4	<10	1040	0.6	<2	2.47	<0.5	6	3	2	1.66
K271094		5.23	<0.005	0.2	0.62	5	<10	940	0.7	<2	2.17	<0.5	6	4	16	1.95
K271095		8.78	0.251	3.1	0.68	119	<10	380	0.6	2	2.41	8.6	9	3	24	2.54
K271096		4.70	0.606	9.8	0.56	1015	<10	140	0.7	3	2.60	16.0	8	3	66	2.82
K271097		3.36	0.007	0.3	0.93	11	<10	340	0.8	<2	2.15	<0.5	10	3	6	2.83
K271098		2.89	5.32	>100	0.30	>10000	<10	10	<0.5	25	1.14	192.5	12	2	578	11.05
K271099		2.65	<0.005	<0.2	0.04	4	<10	20	<0.5	<2	19.6	<0.5	2	<1	1	0.47
K271100		5.86	0.501	38.7	0.41	2410	<10	50	<0.5	2	2.07	117.0	10	2	71	3.18
K271101		3.65	0.080	2.1	0.61	184	<10	220	0.7	<2	2.96	5.4	9	3	27	2.44
K271102		9.98	0.010	0.4	0.63	16	<10	360	0.6	<2	2.20	0.5	9	4	6	2.80
K271103		0.14	1.705	31.8	4.56	140	<10	50	<0.5	9	4.50	30.0	84	54	6780	8.02
K271104		5.47	0.009	0.5	0.57	13	<10	730	0.5	<2	2.05	<0.5	9	5	26	2.76
K271105		8.06	0.242	8.6	0.58	559	<10	110	0.7	8	2.32	4.1	9	4	27	3.81
K271106		5.47	0.005	0.2	0.50	23	<10	880	0.8	<2	2.58	<0.5	8	3	18	2.55
K271107		7.84	0.021	0.9	0.55	67	<10	330	0.8	<2	3.15	0.5	9	4	17	2.97
K271108		8.68	<0.005	<0.2	0.57	3	<10	510	0.8	<2	2.40	<0.5	6	7	4	1.76

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VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2011
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Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11119965

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271073		<10	1	0.30	10	0.79	1155	<1	0.02	3	500	1905	2.47	31	4	127
K271074		<10	1	0.01	<10	11.35	189	<1	<0.01	1	160	3	<0.01	<2	<1	43
K271075		<10	1	0.29	20	0.71	1050	<1	0.01	2	630	411	0.74	4	5	139
K271076		<10	<1	0.32	10	0.58	1365	<1	0.01	1	520	1100	1.91	21	4	81
K271077		<10	<1	0.34	20	0.65	2300	<1	0.01	<1	530	239	0.51	8	5	96
K271078		<10	1	0.21	20	0.64	623	<1	0.06	2	530	14	0.10	<2	6	90
K271079		<10	<1	0.22	20	0.62	1255	<1	0.05	1	520	53	0.37	6	5	80
K271080		<10	<1	0.16	20	0.60	659	2	0.05	7	530	434	0.34	<2	6	98
K271081		<10	<1	0.16	20	0.67	552	2	0.06	3	540	14	0.12	<2	6	72
K271082		<10	1	0.07	<10	0.17	1420	1	<0.01	11	130	>10000	>10.0	544	1	19
K271083		<10	<1	0.15	20	0.66	477	<1	0.08	1	600	11	0.07	<2	5	58
K271084		<10	<1	0.25	20	0.67	1630	3	0.01	1	500	89	0.58	3	6	117
K271085		<10	<1	0.20	20	0.61	608	1	0.04	1	550	14	0.10	<2	6	106
K271086		<10	<1	0.25	20	0.64	1420	2	<0.01	2	510	51	1.09	4	6	121
K271087		<10	<1	0.25	20	0.61	1010	2	0.01	2	520	322	0.79	3	6	123
K271088		<10	<1	0.25	20	0.65	1030	2	0.01	1	520	104	0.59	2	5	127
K271089		<10	<1	0.25	10	0.86	779	2	<0.01	3	500	521	0.63	5	3	171
K271090		<10	<1	0.27	10	0.85	573	1	0.01	3	660	25	0.30	<2	3	182
K271091		<10	<1	0.27	10	0.85	457	1	0.01	2	780	17	0.18	<2	4	515
K271092		<10	<1	0.28	10	0.66	434	<1	0.01	1	610	22	0.04	<2	3	487
K271093		<10	<1	0.24	10	0.68	414	<1	0.01	2	690	14	0.03	<2	4	287
K271094		<10	<1	0.27	10	0.70	459	<1	0.01	3	770	14	0.03	3	4	279
K271095		<10	<1	0.22	20	0.73	686	4	0.02	2	570	421	0.62	2	5	154
K271096		<10	<1	0.26	20	0.67	809	1	0.01	2	520	1505	1.38	10	4	165
K271097		<10	<1	0.18	20	0.60	488	1	0.01	1	560	19	0.55	<2	7	136
K271098		<10	1	0.23	<10	0.32	858	4	<0.01	<1	270	>10000	>10.0	126	1	43
K271099		<10	1	0.02	<10	11.90	205	<1	0.01	1	180	10	0.03	<2	<1	49
K271100		<10	<1	0.29	10	0.60	1730	5	<0.01	1	480	4470	2.75	22	3	74
K271101		<10	<1	0.28	10	0.78	1200	2	<0.01	3	490	639	0.83	4	6	153
K271102		<10	<1	0.21	20	0.71	697	2	0.01	1	520	41	0.67	<2	6	132
K271103		10	1	0.23	<10	1.10	588	46	0.32	303	620	7960	6.89	24	4	76
K271104		<10	<1	0.22	20	0.69	778	2	0.04	2	560	46	0.24	<2	7	139
K271105		<10	<1	0.29	20	0.73	1320	2	0.01	1	480	326	1.81	4	6	124
K271106		<10	<1	0.21	20	0.72	989	2	0.01	1	500	13	0.21	<2	8	153
K271107		<10	<1	0.32	20	0.87	2170	3	0.01	2	480	47	0.96	4	6	177
K271108		<10	<1	0.30	10	0.83	583	<1	0.01	6	450	8	0.02	<2	5	246

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CERTIFICATE OF ANALYSIS WH11119965

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271073		<20	<0.01	<10	<10	16	<10	3440	16		
K271074		<20	<0.01	<10	<10	2	<10	20	1		
K271075		<20	<0.01	<10	<10	22	<10	1060	5		
K271076		<20	<0.01	<10	<10	15	<10	1265	10		
K271077		<20	<0.01	<10	<10	18	<10	534	4		
K271078		20	0.02	<10	<10	38	<10	53	1		
K271079		<20	0.02	<10	<10	36	<10	131	1		
K271080		<20	0.01	<10	<10	34	<10	678	5		
K271081		<20	0.02	<10	<10	41	<10	43	1		
K271082		<20	<0.01	<10	<10	7	140	>10000	419	3.14	3.53
K271083		<20	0.07	<10	<10	50	<10	37	1		
K271084		<20	<0.01	<10	<10	19	<10	195	2		
K271085		<20	0.02	<10	<10	35	<10	43	1		
K271086		<20	<0.01	<10	<10	19	<10	81	1		
K271087		<20	<0.01	<10	<10	22	<10	1720	2		
K271088		<20	<0.01	<10	<10	21	<10	271	1		
K271089		<20	<0.01	<10	<10	24	<10	656	4		
K271090		<20	<0.01	<10	<10	21	<10	71	1		
K271091		<20	<0.01	<10	<10	23	<10	60	1		
K271092		<20	<0.01	<10	<10	20	<10	85	<1		
K271093		<20	<0.01	<10	<10	21	<10	106	1		
K271094		<20	<0.01	<10	<10	23	<10	73	1		
K271095		<20	<0.01	<10	<10	22	<10	606	4		
K271096		<20	<0.01	<10	<10	16	<10	1110	9		
K271097		<20	<0.01	<10	<10	30	<10	44	1		
K271098		<20	<0.01	<10	<10	5	<10	>10000	108	1.680	1.720
K271099		<20	<0.01	<10	<10	2	<10	28	1		
K271100		<20	<0.01	<10	<10	8	<10	6650	23		
K271101		<20	<0.01	<10	<10	16	<10	378	2		
K271102		<20	<0.01	<10	<10	30	<10	61	1		
K271103		<20	0.05	<10	10	305	<10	7000	31		
K271104		<20	0.01	<10	<10	36	<10	63	<1		
K271105		<20	<0.01	<10	<10	26	<10	402	14		
K271106		<20	<0.01	<10	<10	32	<10	44	<1		
K271107		<20	<0.01	<10	<10	21	<10	73	1		
K271108		<20	<0.01	<10	<10	23	<10	44	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119966

Project: Klaza- DDH- 14

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11119966

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271157		11.23	<0.005	0.3	1.10	35	<10	380	<0.5	3	0.57	2.6	6	9	9	2.58
K271158		10.58	0.012	0.9	0.99	284	<10	280	0.5	3	1.01	5.6	7	8	16	2.86
K271159		4.78	<0.005	<0.2	0.04	4	<10	10	<0.5	2	21.4	<0.5	<1	1	<1	0.47
K271160		14.08	<0.005	<0.2	1.35	10	<10	190	<0.5	2	1.08	0.8	5	12	12	2.47
K271161		11.47	<0.005	<0.2	1.25	10	<10	210	<0.5	3	1.31	1.0	5	10	11	2.59
K271162		4.99	0.021	0.4	0.99	122	<10	200	<0.5	2	1.36	1.5	7	9	20	2.45
K271163		10.11	0.008	0.6	1.22	14	<10	160	<0.5	3	1.37	4.4	5	12	13	2.51
K271164		7.46	<0.005	<0.2	1.28	7	<10	190	<0.5	2	1.10	<0.5	6	13	8	2.51
K271165		0.13	1.570	35.2	5.14	160	<10	40	<0.5	6	4.62	33.8	83	58	7980	8.28
K271166		6.81	<0.005	0.2	1.30	8	<10	160	<0.5	3	1.26	<0.5	6	11	17	2.66
K271167		10.28	0.005	0.2	1.36	8	<10	160	<0.5	2	1.06	0.9	5	13	9	2.55
K271168		5.80	0.006	0.4	1.10	16	<10	150	0.5	3	1.16	1.7	5	10	9	2.73
K271169		12.65	<0.005	0.5	1.30	8	<10	150	<0.5	3	1.44	2.8	5	13	11	2.72
K271170		11.79	<0.005	<0.2	1.30	5	<10	170	<0.5	<2	1.06	<0.5	5	12	11	2.49
K271171		12.83	<0.005	0.2	1.19	3	<10	140	<0.5	<2	0.98	<0.5	5	12	10	2.47
K271172		6.06	<0.005	0.2	1.19	4	<10	140	<0.5	<2	0.97	<0.5	5	10	10	2.48
K271173		4.13	<0.005	<0.2	1.15	<2	<10	140	<0.5	<2	1.32	<0.5	5	11	6	2.73
K271174		1.97	0.152	25.9	0.53	749	<10	180	0.6	2	2.96	31.4	5	6	121	3.26
K271175		3.38	0.005	0.3	0.89	7	<10	250	<0.5	2	1.23	<0.5	5	9	9	2.57
K271176		9.65	<0.005	<0.2	0.94	3	<10	150	<0.5	<2	1.50	<0.5	5	9	5	2.76
K271177		8.11	<0.005	0.2	0.86	11	<10	200	0.5	<2	2.22	<0.5	5	8	4	2.39
K271178		6.80	0.047	1.8	0.55	83	<10	290	0.6	<2	2.74	7.5	5	6	13	3.29
K271179		5.64	0.007	<0.2	0.82	15	<10	470	0.5	<2	2.08	<0.5	5	8	5	2.73
K271180		5.35	0.129	2.0	0.49	921	<10	150	0.7	<2	1.60	4.7	5	4	13	3.97
K271181		3.07	<0.005	<0.2	0.05	<2	<10	30	<0.5	<2	20.3	<0.5	<1	1	2	0.44
K271182		3.15	<0.005	0.2	0.81	48	<10	470	0.6	<2	1.70	0.5	6	6	12	2.76
K271183		3.52	<0.005	<0.2	1.06	5	<10	170	<0.5	<2	1.68	<0.5	6	12	9	2.85
K271184		3.05	0.047	3.5	0.82	18	<10	220	<0.5	<2	1.89	6.0	7	8	45	2.84
K271185		7.91	<0.005	<0.2	1.14	2	<10	220	<0.5	<2	1.36	<0.5	6	10	10	2.64
K271186		0.13	1.425	32.4	4.91	147	<10	40	<0.5	10	4.71	32.9	87	58	7160	8.61
K271187		4.93	0.010	0.9	0.50	24	<10	160	0.7	<2	2.84	0.8	6	5	13	2.66
K271188		8.51	<0.005	0.2	1.17	9	<10	300	0.5	<2	1.22	0.7	6	11	12	2.67
K271189		4.27	0.024	0.6	1.11	189	<10	240	<0.5	2	1.44	22.2	6	10	16	2.66
K271190		9.97	<0.005	<0.2	1.23	3	<10	270	<0.5	<2	1.20	<0.5	6	10	11	2.58
K271191		11.06	<0.005	<0.2	1.26	4	<10	220	<0.5	<2	0.96	<0.5	6	11	12	2.54
K271192		11.77	<0.005	<0.2	1.27	3	<10	260	<0.5	<2	0.96	<0.5	5	12	11	2.48

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11119966

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271157		<10	<1	0.25	20	0.43	606	<1	0.08	2	600	12	<0.01	<2	6	29
K271158		<10	<1	0.20	20	0.35	996	<1	0.03	2	600	55	0.04	6	7	29
K271159		<10	<1	0.02	<10	12.70	229	<1	0.02	1	230	<2	0.02	<2	<1	49
K271160		10	<1	0.18	20	0.68	452	1	0.09	2	590	26	0.01	<2	4	37
K271161		10	<1	0.20	20	0.61	511	1	0.09	2	590	22	0.04	<2	5	45
K271162		<10	<1	0.21	20	0.45	729	1	0.06	2	560	31	0.13	<2	6	41
K271163		<10	<1	0.18	20	0.61	785	<1	0.08	2	560	105	0.06	<2	5	44
K271164		10	<1	0.18	20	0.67	432	1	0.10	2	600	10	0.02	<2	4	39
K271165		10	1	0.26	<10	1.16	629	49	0.34	329	740	8870	8.32	32	4	81
K271166		10	<1	0.17	20	0.67	567	1	0.09	2	590	17	0.02	<2	5	40
K271167		10	1	0.16	20	0.62	410	1	0.10	2	600	56	0.02	<2	3	41
K271168		<10	<1	0.19	20	0.51	940	1	0.06	2	590	111	0.05	<2	6	36
K271169		10	<1	0.20	20	0.64	856	<1	0.08	2	590	135	0.05	<2	5	40
K271170		<10	<1	0.15	20	0.59	419	1	0.10	3	570	26	0.02	<2	3	37
K271171		<10	<1	0.12	20	0.61	395	1	0.08	3	550	12	0.04	<2	3	34
K271172		<10	1	0.12	20	0.61	395	1	0.08	2	560	17	0.03	<2	3	34
K271173		<10	<1	0.14	20	0.68	562	1	0.09	2	590	9	0.09	<2	5	38
K271174		<10	1	0.24	20	0.46	1780	2	0.02	2	490	5710	1.36	25	6	69
K271175		10	<1	0.19	20	0.48	464	1	0.08	2	560	17	0.08	<2	5	46
K271176		<10	<1	0.13	20	0.56	497	1	0.06	2	580	19	0.09	<2	6	54
K271177		<10	<1	0.18	30	0.48	545	3	0.03	2	470	10	0.22	<2	5	66
K271178		<10	<1	0.27	20	0.65	1310	1	0.02	2	580	404	0.97	<2	5	85
K271179		<10	<1	0.26	20	0.59	1025	1	0.05	2	570	13	0.29	<2	5	88
K271180		<10	1	0.31	10	0.43	2570	1	0.02	2	540	242	1.84	11	4	36
K271181		<10	<1	0.03	<10	12.50	192	<1	0.02	3	190	2	0.03	<2	<1	53
K271182		<10	1	0.20	20	0.56	1335	1	0.04	2	610	52	0.12	<2	8	53
K271183		<10	<1	0.16	20	0.77	673	2	0.08	3	690	10	0.05	<2	7	65
K271184		<10	1	0.21	20	0.62	882	1	0.06	2	590	932	0.26	<2	6	71
K271185		10	<1	0.19	20	0.62	490	1	0.09	2	590	13	0.02	<2	6	57
K271186		10	1	0.24	<10	1.16	633	44	0.34	329	680	8640	7.56	23	4	77
K271187		<10	<1	0.24	20	0.85	2090	1	0.01	2	440	106	0.55	4	7	41
K271188		<10	<1	0.25	20	0.58	573	1	0.09	1	580	58	0.04	<2	5	44
K271189		<10	<1	0.21	20	0.57	715	1	0.08	2	550	46	0.20	3	4	45
K271190		<10	<1	0.20	20	0.59	467	2	0.09	3	570	11	0.02	<2	5	44
K271191		10	1	0.18	20	0.70	450	1	0.10	3	600	14	0.01	<2	3	37
K271192		<10	<1	0.18	20	0.62	418	1	0.10	3	590	14	0.02	<2	3	43

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11119966

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271157		<20	0.09	<10	<10	51	<10	235	1
K271158		<20	0.02	<10	<10	42	<10	340	2
K271159		<20	<0.01	<10	<10	3	<10	19	<1
K271160		<20	0.14	<10	<10	55	<10	82	<1
K271161		<20	0.09	<10	<10	52	<10	108	1
K271162		<20	0.04	<10	<10	42	<10	183	1
K271163		<20	0.08	<10	<10	49	<10	331	<1
K271164		<20	0.14	<10	<10	58	<10	41	<1
K271165		<20	0.06	<10	<10	328	<10	8140	32
K271166		<20	0.10	<10	<10	55	<10	56	<1
K271167		<20	0.15	<10	<10	54	<10	91	<1
K271168		<20	0.07	<10	<10	50	<10	153	<1
K271169		<20	0.09	<10	<10	52	<10	221	1
K271170		<20	0.14	<10	<10	51	<10	37	<1
K271171		<20	0.13	<10	<10	50	<10	36	<1
K271172		<20	0.13	<10	<10	51	<10	37	<1
K271173		<20	0.08	<10	<10	52	<10	46	<1
K271174		<20	<0.01	<10	<10	22	<10	2270	24
K271175		<20	0.07	<10	<10	43	<10	54	<1
K271176		<20	0.02	<10	<10	45	<10	39	<1
K271177		20	<0.01	<10	<10	30	<10	33	<1
K271178		<20	<0.01	<10	<10	25	<10	510	2
K271179		<20	0.01	<10	<10	34	<10	45	<1
K271180		<20	<0.01	<10	<10	15	<10	434	2
K271181		<20	<0.01	<10	10	2	<10	16	<1
K271182		<20	0.01	<10	<10	37	<10	97	<1
K271183		<20	0.03	<10	<10	49	<10	43	<1
K271184		<20	0.02	<10	<10	39	<10	600	4
K271185		<20	0.06	<10	<10	50	<10	33	<1
K271186		<20	0.05	<10	<10	328	10	7690	30
K271187		<20	<0.01	<10	<10	28	<10	84	1
K271188		<20	0.11	<10	<10	52	<10	81	<1
K271189		<20	0.09	<10	<10	47	<10	1385	1
K271190		<20	0.10	<10	<10	54	<10	37	<1
K271191		<20	0.14	<10	<10	55	<10	36	<1
K271192		<20	0.15	<10	<10	53	<10	35	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119996

Project: Klaza TR- 26

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11119996

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273601		4.63	0.012	0.4	0.94	31	<10	290	<0.5	<2	0.55	5.9	5	8	11	2.47
K273602		6.50	0.009	0.5	1.05	71	<10	380	0.5	<2	0.66	5.2	4	6	15	2.60
K273603		3.45	0.086	5.0	1.03	51	<10	920	0.6	<2	0.26	12.6	6	5	67	3.50
K273604		6.16	0.018	1.0	1.43	31	<10	460	0.5	<2	0.55	4.6	6	9	17	3.24
K273605		5.76	0.010	0.3	1.11	13	<10	260	<0.5	<2	0.58	1.9	6	9	7	2.56
K273606		4.14	0.407	42.7	0.84	43	<10	730	0.8	<2	0.26	7.4	5	6	53	3.53
K273607		2.78	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	18.8	<0.5	1	<1	<1	0.44
K273608		4.31	0.020	1.6	0.98	26	<10	560	0.7	<2	0.49	8.2	6	7	20	3.39
K273609		3.66	0.017	0.9	0.97	26	<10	290	0.5	<2	0.40	6.1	6	8	19	2.75
K273610		3.83	0.018	0.5	1.06	24	<10	640	0.5	<2	0.32	5.7	7	8	10	2.48
K273611		3.63	<0.005	<0.2	0.94	11	<10	440	<0.5	<2	0.85	3.6	6	6	6	2.27
K273612		3.71	0.052	14.6	1.52	39	<10	830	0.5	<2	0.53	11.3	16	6	47	4.71
K273613		4.90	0.007	0.5	1.54	16	<10	540	0.5	<2	0.57	5.4	6	7	9	2.84
K273614		5.59	<0.005	0.3	1.28	12	<10	320	<0.5	2	0.46	2.1	6	8	7	2.90
K273615		6.25	0.006	<0.2	1.19	13	<10	280	<0.5	<2	0.58	0.8	5	10	7	2.81
K273616		3.47	<0.005	<0.2	1.19	13	<10	360	<0.5	<2	0.57	2.3	6	8	6	2.66
K273617		4.21	0.013	2.4	0.83	26	<10	690	0.7	2	0.25	5.8	5	7	18	3.45
K273618		3.01	0.109	9.0	0.62	81	<10	620	0.8	2	0.25	84.5	9	5	85	6.57
K273619		3.27	0.014	1.2	0.77	22	<10	680	0.6	<2	0.33	6.9	5	6	19	2.81
K273620		3.71	0.076	9.7	0.55	69	<10	1150	0.8	3	0.20	16.7	5	5	74	4.27
K273621		3.98	0.099	1.5	0.68	41	<10	1870	1.0	<2	0.87	9.3	6	6	31	2.15
K273622		6.53	<0.005	<0.2	0.79	11	<10	300	1.0	<2	2.68	3.1	4	5	4	2.01
K273623		4.42	<0.005	<0.2	0.75	8	<10	670	0.8	<2	3.23	2.1	4	4	3	1.77
K273624		5.91	<0.005	0.3	0.49	11	<10	420	0.9	<2	3.59	2.0	4	13	4	1.83
K273625		0.14	1.510	32.4	4.89	145	<10	40	<0.5	12	4.65	31.8	84	59	7250	8.25
K273626		6.52	<0.005	<0.2	0.81	13	<10	850	1.0	<2	2.41	1.1	4	6	21	1.96
K273627		3.76	<0.005	0.7	0.62	21	<10	2550	0.9	2	1.16	0.5	6	7	11	1.98
K273628		4.36	0.005	0.6	0.74	22	<10	1300	1.0	<2	1.38	<0.5	7	8	11	2.23
K273629		4.17	0.016	0.6	0.75	26	<10	2580	0.8	<2	0.54	2.2	6	10	14	1.94
K273630		5.24	0.314	81.9	0.58	228	<10	610	0.7	4	0.48	10.1	7	7	55	3.44
K273631		4.00	0.030	1.8	0.38	58	10	730	<0.5	<2	0.69	7.4	10	5	12	2.44
K273632		4.59	0.007	0.4	0.63	21	<10	990	0.8	<2	0.58	5.5	4	3	5	2.40
K273633		6.37	<0.005	0.5	0.83	13	<10	590	0.6	<2	0.68	4.5	6	5	7	2.69
K273634		3.91	0.216	1.1	0.73	33	<10	1010	0.7	3	0.35	6.3	10	8	6	6.03
K273635		4.45	0.015	0.6	0.48	30	<10	1630	0.7	2	0.33	7.4	6	5	9	4.65
K273636		5.17	0.021	1.2	0.67	35	<10	1050	0.8	<2	0.29	9.4	5	7	13	3.87

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11119996

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273601		<10	<1	0.21	20	0.40	900	1	0.04	3	570	96	0.06	<2	5	22
K273602		<10	<1	0.20	20	0.45	741	1	0.04	1	580	146	0.04	<2	6	23
K273603		<10	<1	0.22	20	0.38	1845	1	0.02	2	560	1175	0.23	2	6	14
K273604		10	<1	0.20	20	0.60	1200	<1	0.03	4	570	404	0.06	<2	6	24
K273605		10	<1	0.16	20	0.60	695	<1	0.07	3	560	90	0.03	<2	5	27
K273606		<10	1	0.24	20	0.12	1775	3	0.01	2	580	>10000	0.23	20	6	15
K273607		<10	<1	0.04	<10	11.80	202	<1	0.01	1	180	23	0.06	<2	<1	49
K273608		<10	<1	0.27	30	0.27	1290	4	0.03	3	590	838	0.05	2	6	20
K273609		<10	<1	0.22	30	0.32	1155	3	0.02	4	590	511	0.03	2	5	16
K273610		<10	<1	0.21	20	0.38	816	1	0.03	4	580	135	0.04	<2	5	19
K273611		<10	1	0.15	20	0.56	768	3	0.04	5	560	42	0.04	<2	4	34
K273612		<10	1	0.29	30	0.83	1595	3	0.03	5	530	6670	0.29	3	5	20
K273613		10	<1	0.17	20	0.65	977	1	0.03	3	600	290	0.01	<2	6	22
K273614		<10	<1	0.21	20	0.62	736	1	0.08	4	590	119	0.02	<2	5	25
K273615		10	<1	0.17	20	0.65	543	1	0.09	2	580	36	0.01	<2	4	31
K273616		<10	<1	0.21	20	0.55	606	2	0.06	3	580	30	0.02	<2	6	40
K273617		<10	<1	0.32	30	0.08	1160	3	0.03	3	570	955	0.04	2	7	15
K273618		<10	1	0.22	20	0.05	1605	4	0.02	3	480	2210	0.49	4	7	16
K273619		<10	<1	0.24	30	0.06	1025	3	0.02	2	640	511	0.05	2	7	16
K273620		<10	1	0.31	20	0.05	2410	6	0.02	4	550	4550	0.21	7	5	15
K273621		<10	<1	0.31	10	0.07	987	5	0.02	11	400	212	0.06	5	5	52
K273622		<10	<1	0.31	20	0.20	636	1	0.02	3	810	24	<0.01	<2	5	91
K273623		<10	<1	0.32	20	0.07	635	1	0.02	2	770	24	<0.01	<2	5	141
K273624		<10	<1	0.23	30	0.08	701	1	0.02	2	820	21	<0.01	2	6	156
K273625		10	1	0.25	10	1.18	632	48	0.35	315	660	8130	7.36	28	4	78
K273626		<10	<1	0.31	20	0.10	684	1	0.03	4	810	30	0.01	<2	6	65
K273627		<10	<1	0.22	10	0.05	770	1	0.03	8	710	40	0.05	3	5	44
K273628		<10	<1	0.26	10	0.06	1055	2	0.02	11	470	45	0.01	3	6	55
K273629		<10	<1	0.22	10	0.05	852	1	0.03	15	320	64	0.05	4	5	59
K273630		<10	<1	0.23	10	0.04	2290	7	0.02	8	420	>10000	0.55	27	4	43
K273631		<10	<1	0.23	10	0.03	1830	5	0.02	3	540	691	0.23	2	3	19
K273632		<10	<1	0.27	20	0.04	1125	2	0.02	2	610	174	0.03	2	8	22
K273633		<10	<1	0.27	20	0.07	955	3	0.02	3	610	146	0.02	2	6	19
K273634		<10	<1	0.32	20	0.07	2640	4	0.02	4	1160	175	0.12	<2	6	27
K273635		<10	<1	0.28	20	0.05	2310	3	0.02	3	580	186	0.15	3	4	26
K273636		<10	<1	0.28	30	0.08	1740	3	0.02	4	620	521	0.11	3	6	22

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11119996

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
K273601		<20	0.01	<10	<10	36	<10	328	
K273602		<20	<0.01	<10	<10	36	<10	342	
K273603		<20	<0.01	<10	<10	30	<10	1130	
K273604		<20	0.01	<10	<10	43	<10	483	
K273605		<20	0.06	<10	<10	46	<10	184	
K273606		<20	<0.01	<10	<10	30	<10	1830	1.455
K273607		<20	<0.01	<10	<10	2	<10	21	
K273608		<20	<0.01	<10	<10	37	<10	693	
K273609		<20	0.01	<10	<10	35	<10	583	
K273610		<20	0.01	<10	<10	34	<10	345	
K273611		<20	0.01	<10	<10	34	<10	207	
K273612		<20	<0.01	<10	<10	44	<10	1865	
K273613		<20	<0.01	<10	<10	40	<10	561	
K273614		<20	0.03	<10	<10	48	<10	162	
K273615		<20	0.09	<10	<10	51	<10	94	
K273616		<20	0.02	<10	<10	46	<10	179	
K273617		<20	<0.01	<10	<10	32	<10	804	
K273618		<20	<0.01	<10	<10	69	<10	6250	
K273619		<20	<0.01	<10	<10	37	<10	685	
K273620		<20	<0.01	<10	<10	17	<10	2450	
K273621		<20	<0.01	<10	<10	23	<10	724	
K273622		<20	<0.01	<10	<10	25	<10	218	
K273623		<20	<0.01	<10	<10	22	<10	185	
K273624		<20	<0.01	<10	<10	28	<10	188	
K273625		<20	0.06	<10	10	324	<10	7420	
K273626		<20	<0.01	<10	<10	29	<10	145	
K273627		<20	<0.01	<10	<10	28	<10	92	
K273628		<20	<0.01	<10	<10	29	<10	90	
K273629		<20	<0.01	<10	<10	25	<10	172	
K273630		<20	<0.01	<10	<10	20	<10	1435	1.070
K273631		<20	<0.01	<10	<10	11	<10	860	
K273632		<20	<0.01	<10	<10	28	<10	620	
K273633		<20	<0.01	<10	<10	26	<10	459	
K273634		<20	<0.01	<10	<10	54	<10	672	
K273635		<20	<0.01	<10	<10	26	<10	696	
K273636		<20	<0.01	<10	<10	34	<10	978	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119997

Project: Klaza TR- 27

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11119997

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274024		3.11	0.017	4.4	0.88	116	<10	620	0.5	<2	0.51	7.2	4	5	23	2.83
K274025		3.63	0.008	4.1	0.49	107	<10	1440	0.5	<2	0.61	7.3	4	4	12	2.77
K274026		4.41	0.011	2.9	0.69	72	<10	880	0.6	<2	0.94	8.2	4	6	14	2.98
K274027		2.44	0.007	0.6	0.99	35	<10	400	0.5	<2	1.31	2.8	2	6	6	2.61
K274028		2.11	0.169	31.0	0.45	2300	<10	1190	0.7	<2	0.29	33.4	3	3	35	4.50
K274029		2.39	<0.005	0.5	1.23	42	<10	520	0.5	<2	0.88	2.5	3	7	10	2.73
K274030		2.24	0.006	0.7	1.22	46	<10	430	<0.5	<2	1.05	3.0	2	6	47	3.13
K274031		2.17	0.009	0.5	1.27	29	<10	460	<0.5	<2	1.52	1.8	3	6	17	2.84
K274032		4.28	<0.005	0.3	1.28	25	<10	720	0.5	<2	1.63	1.0	4	6	5	2.82
K274033		2.40	<0.005	<0.2	1.35	14	<10	240	<0.5	<2	1.56	0.5	4	8	2	2.81
K274034		5.17	<0.005	0.2	1.30	15	<10	370	0.5	<2	1.43	0.6	4	8	3	2.75
K274035		3.59	0.010	0.5	0.96	26	<10	710	0.5	<2	1.44	1.1	3	6	16	2.58
K274036		3.22	0.006	0.4	0.96	27	<10	530	0.6	<2	0.91	0.8	3	6	3	2.52
K274037		2.65	0.021	11.0	0.54	102	<10	760	0.8	<2	1.41	6.7	5	4	20	2.92
K274038		4.38	0.007	0.6	0.66	75	<10	620	0.7	<2	0.94	4.9	4	5	6	2.87
K274039		2.37	0.200	1.3	0.52	587	<10	910	0.7	2	0.50	7.4	4	4	12	3.23
K274040		2.46	0.021	1.5	0.59	146	<10	1230	0.8	<2	0.83	5.6	3	4	4	3.19
K274041		4.03	0.010	0.5	0.63	125	<10	2360	0.7	2	0.69	4.5	11	5	5	3.49
K274042		2.50	0.028	1.3	0.62	207	<10	1370	0.8	<2	0.88	5.7	13	4	8	3.55
K274043		5.37	0.005	0.8	0.87	72	<10	410	0.6	2	1.11	4.3	5	6	5	2.93
K274044		2.59	0.154	40.0	0.53	3310	<10	160	0.9	<2	1.03	194.0	4	4	63	3.99
K274045		2.77	<0.005	1.7	0.63	60	<10	300	0.6	<2	1.02	3.4	3	6	10	2.50
K274046		0.14	1.495	32.8	4.86	147	<10	50	<0.5	22	4.63	32.3	82	57	6770	8.19
K274047		3.51	0.014	1.4	0.72	74	<10	360	0.5	<2	0.78	3.8	3	6	75	2.66
K274048		2.42	<0.005	0.3	0.64	40	<10	980	0.6	<2	1.27	1.6	12	6	4	3.04
K274049		3.82	<0.005	0.2	0.90	39	<10	230	0.5	<2	0.74	1.2	5	7	2	2.75
K274050		3.32	0.008	0.3	0.92	62	<10	230	0.6	<2	0.70	1.2	8	7	4	2.87
K274051		2.72	0.015	1.4	0.60	79	<10	990	0.7	<2	1.66	3.5	10	4	7	3.45
K274052		3.96	0.071	7.8	0.56	698	<10	900	0.9	<2	2.69	28.3	3	2	45	2.60
K274053		2.26	<0.005	<0.2	0.03	4	<10	10	<0.5	<2	20.0	<0.5	1	<1	1	0.47
K274054		3.08	<0.005	0.4	1.29	57	<10	370	0.6	<2	1.58	2.5	4	5	3	2.61
K274055		4.70	<0.005	0.3	1.24	36	<10	180	0.5	<2	0.48	1.5	10	7	3	2.83
K274056		2.41	<0.005	0.2	1.24	16	<10	180	<0.5	<2	0.66	0.7	5	7	1	2.85
K274057		3.71	<0.005	0.2	1.31	19	<10	210	0.5	<2	0.35	0.8	4	7	1	2.99
K274058		2.77	0.011	0.6	0.89	62	<10	780	0.7	<2	0.27	2.3	6	4	8	2.82
K274059		5.26	0.027	0.2	1.23	19	<10	110	0.5	2	0.83	0.7	3	7	2	2.74

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CERTIFICATE OF ANALYSIS WH11119997

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274024		<10	<1	0.23	20	0.40	1075	<1	0.04	1	590	660	0.14	6	4	26
K274025		<10	1	0.26	20	0.05	1100	<1	0.05	<1	560	509	0.09	6	4	28
K274026		<10	<1	0.25	30	0.25	1185	1	0.05	<1	600	387	0.06	4	5	35
K274027		<10	<1	0.22	20	0.52	901	<1	0.05	<1	580	71	0.07	3	5	41
K274028		<10	<1	0.28	30	0.03	5070	1	0.01	1	480	5950	0.28	25	3	35
K274029		10	<1	0.17	30	0.70	746	<1	0.02	1	630	42	0.04	<2	6	35
K274030		<10	<1	0.23	30	0.62	909	<1	0.03	2	600	44	0.05	<2	5	37
K274031		<10	<1	0.20	30	0.71	788	1	0.03	<1	640	30	0.04	<2	4	63
K274032		<10	<1	0.22	30	0.68	722	<1	0.04	1	630	23	0.05	<2	5	64
K274033		10	1	0.17	30	0.78	671	<1	0.03	1	630	15	0.03	<2	5	44
K274034		<10	1	0.16	30	0.70	618	<1	0.03	<1	610	15	0.03	2	6	53
K274035		<10	<1	0.18	20	0.46	843	<1	0.02	1	590	26	0.05	4	4	44
K274036		<10	1	0.15	30	0.28	723	<1	0.01	1	630	24	0.04	3	6	27
K274037		<10	<1	0.27	20	0.05	5450	1	0.01	<1	530	665	0.43	10	5	56
K274038		<10	1	0.26	30	0.07	1300	<1	0.01	<1	670	44	0.09	4	6	26
K274039		<10	<1	0.22	20	0.04	3030	1	0.01	<1	580	50	0.29	11	5	29
K274040		<10	<1	0.26	30	0.05	2280	1	0.01	<1	620	117	0.22	6	6	32
K274041		<10	<1	0.26	30	0.04	1620	1	0.03	<1	620	26	0.17	8	6	38
K274042		<10	<1	0.30	30	0.08	2040	1	0.02	<1	550	73	0.21	7	6	43
K274043		<10	<1	0.19	30	0.30	948	<1	0.03	<1	620	144	0.07	5	7	36
K274044		<10	2	0.30	20	0.12	2840	1	0.01	<1	550	4430	1.27	37	5	38
K274045		<10	<1	0.18	30	0.15	757	<1	0.02	<1	600	37	0.04	8	6	31
K274046		10	1	0.24	10	1.14	631	44	0.32	295	670	8070	7.31	30	4	75
K274047		<10	<1	0.19	30	0.23	981	1	0.03	1	630	77	0.05	14	7	25
K274048		<10	<1	0.14	30	0.22	825	<1	0.03	<1	650	15	0.12	11	8	36
K274049		<10	<1	0.16	30	0.40	642	<1	0.03	<1	650	13	0.05	6	7	25
K274050		<10	1	0.14	30	0.36	698	<1	0.02	<1	700	17	0.05	6	8	26
K274051		<10	<1	0.26	20	0.20	2090	1	0.01	<1	610	149	0.22	5	6	45
K274052		<10	1	0.25	10	0.13	2810	2	0.01	<1	470	616	0.29	19	4	102
K274053		<10	1	0.01	<10	12.50	217	<1	<0.01	<1	180	3	0.04	2	<1	56
K274054		10	<1	0.17	20	0.71	767	<1	0.02	<1	570	38	0.04	4	5	79
K274055		<10	<1	0.16	20	0.82	639	<1	0.03	1	580	11	0.05	4	4	17
K274056		10	<1	0.13	20	0.83	608	<1	0.03	<1	580	12	0.03	4	4	22
K274057		10	<1	0.11	20	0.82	608	<1	0.03	<1	610	11	0.03	5	5	18
K274058		<10	<1	0.19	30	0.30	1060	<1	0.01	<1	570	83	0.05	3	6	20
K274059		10	<1	0.12	30	0.66	584	<1	0.01	1	570	11	0.03	<2	6	53

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11119997

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274024		<20	<0.01	<10	<10	34	<10	682
K274025		<20	<0.01	<10	<10	25	<10	715
K274026		20	<0.01	<10	<10	34	<10	712
K274027		<20	<0.01	<10	<10	39	<10	242
K274028		<20	<0.01	<10	<10	12	<10	2450
K274029		20	0.01	<10	<10	44	<10	240
K274030		<20	<0.01	<10	<10	39	<10	229
K274031		20	<0.01	<10	<10	40	<10	153
K274032		20	<0.01	<10	<10	40	<10	137
K274033		20	<0.01	<10	<10	47	<10	107
K274034		<20	<0.01	<10	<10	49	<10	112
K274035		<20	0.01	<10	<10	35	<10	128
K274036		<20	<0.01	<10	<10	39	<10	124
K274037		<20	<0.01	<10	<10	19	<10	756
K274038		20	<0.01	<10	<10	31	<10	498
K274039		<20	<0.01	<10	<10	22	<10	737
K274040		<20	<0.01	<10	<10	29	<10	514
K274041		<20	<0.01	<10	<10	33	<10	550
K274042		<20	<0.01	<10	<10	28	<10	636
K274043		<20	<0.01	<10	<10	37	<10	383
K274044		<20	<0.01	<10	<10	21	<10	9070
K274045		20	<0.01	<10	<10	36	<10	293
K274046		<20	0.05	<10	<10	316	<10	7120
K274047		<20	<0.01	<10	<10	37	<10	350
K274048		<20	<0.01	<10	<10	45	<10	162
K274049		<20	<0.01	<10	<10	43	<10	146
K274050		<20	0.01	<10	<10	48	<10	151
K274051		<20	<0.01	<10	<10	32	<10	308
K274052		<20	<0.01	<10	<10	14	<10	1600
K274053		<20	<0.01	<10	<10	2	<10	25
K274054		20	<0.01	<10	<10	37	<10	403
K274055		<20	0.01	<10	<10	44	<10	146
K274056		20	0.01	<10	<10	47	<10	108
K274057		<20	0.01	<10	<10	53	<10	122
K274058		20	<0.01	<10	<10	31	<10	261
K274059		20	<0.01	<10	<10	48	<10	125

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Finalized Date: 20- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119998

Project: Klaza TR- 27

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11119998

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273951		3.21	0.027	1.3	0.75	134	<10	350	0.8	<2	0.26	1.8	4	4	8	3.07
K273952		2.98	0.032	1.8	0.59	160	<10	2370	0.7	<2	0.49	0.8	13	3	6	2.82
K273953		2.90	0.009	0.6	0.58	53	<10	1150	0.9	<2	0.27	0.6	11	2	3	1.69
K273954		2.30	<0.005	0.3	0.52	31	<10	280	0.6	<2	0.41	<0.5	3	2	1	1.56
K273955		2.95	<0.005	0.2	0.44	27	<10	130	0.5	<2	0.66	<0.5	4	2	7	1.62
K273956		3.94	0.007	0.4	0.58	38	<10	2130	0.8	<2	0.48	<0.5	4	3	5	2.11
K273957		3.34	0.012	0.5	0.60	59	<10	220	0.8	<2	1.12	<0.5	6	2	4	2.33
K273958		4.42	0.008	0.4	0.91	34	<10	3270	0.7	2	0.51	<0.5	8	4	6	2.61
K273959		7.87	0.006	0.4	0.81	33	<10	250	0.7	2	0.68	<0.5	6	6	8	2.68
K273960		2.75	0.018	0.7	0.61	66	<10	2220	0.9	<2	2.15	<0.5	7	3	10	2.97
K273961		3.93	0.007	0.3	0.50	28	<10	380	0.5	<2	0.81	<0.5	8	6	4	2.77
K273962		0.14	1.385	31.2	4.56	134	<10	30	<0.5	2	4.31	29.7	81	53	6670	7.68
K273963		7.24	0.036	1.0	0.61	82	<10	690	0.6	<2	1.90	<0.5	10	5	30	3.19
K273964		2.27	0.026	0.9	0.52	65	<10	300	0.5	<2	0.95	<0.5	8	4	53	2.75
K273965		3.48	0.021	0.7	0.69	56	<10	190	0.8	<2	0.27	<0.5	6	5	100	2.94
K273966		2.74	<0.005	<0.2	0.07	3	<10	<10	<0.5	<2	18.4	<0.5	2	2	3	0.43
K273967		3.50	0.012	0.4	1.02	27	<10	150	0.7	2	0.41	<0.5	6	5	25	2.55
K273968		1.57	0.013	0.7	1.00	39	<10	180	0.6	2	0.55	<0.5	6	6	38	2.75
K273969		3.09	0.014	0.6	1.16	25	<10	210	0.6	2	0.32	<0.5	6	6	25	2.52
K273970		3.15	0.009	0.3	1.09	22	<10	210	<0.5	3	0.54	<0.5	6	7	18	2.56
K273971		2.76	0.011	0.5	1.36	23	<10	170	0.5	2	0.37	<0.5	10	8	15	2.73
K273972		2.06	0.011	0.4	1.22	16	<10	200	<0.5	<2	0.42	<0.5	10	7	22	2.47
K273973		4.60	0.009	0.4	1.36	14	<10	150	0.5	2	0.34	<0.5	7	8	36	2.55
K273974		3.48	0.029	1.0	0.93	59	<10	240	0.7	2	0.33	<0.5	6	6	39	2.68
K273975		1.87	0.131	21.1	0.41	155	<10	310	0.6	4	6.30	1.9	6	2	261	4.47
K273976		2.23	0.014	0.7	1.03	14	<10	130	<0.5	<2	0.56	<0.5	7	8	15	2.39
K273977		1.87	0.025	5.1	0.77	47	<10	210	<0.5	2	0.74	0.5	7	6	12	2.52
K273978		2.33	0.162	3.9	0.56	226	<10	1030	0.8	<2	1.57	0.6	8	4	36	3.62
K273979		2.20	0.007	0.5	0.69	20	<10	350	0.6	<2	0.43	<0.5	6	6	40	2.69
K273980		5.26	<0.005	0.2	1.05	23	<10	140	<0.5	<2	0.60	<0.5	7	7	21	2.51
K273981		2.47	0.027	0.6	0.66	107	<10	200	0.6	<2	0.35	1.0	8	6	8	2.68
K273982		4.84	0.014	0.6	1.16	48	<10	150	<0.5	2	0.70	0.5	8	7	13	2.53
K273983		2.90	0.007	0.4	1.41	21	<10	200	0.5	<2	0.63	<0.5	7	9	20	2.78
K273984		2.66	<0.005	<0.2	1.24	7	<10	90	<0.5	2	1.08	<0.5	5	9	6	2.54
K273985		2.48	0.005	0.3	1.22	14	<10	180	0.5	3	0.41	<0.5	7	8	13	2.59
K273986		3.45	0.138	5.9	0.81	704	<10	2360	0.6	2	0.32	2.1	7	5	186	3.92

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CERTIFICATE OF ANALYSIS WH11119998

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273951		<10	<1	0.20	30	0.05	907	1	<0.01	2	650	33	0.03	5	6	18
K273952		<10	1	0.20	20	0.04	922	1	0.02	1	580	35	0.12	4	5	34
K273953		<10	<1	0.19	20	0.04	614	<1	0.01	1	440	18	0.07	3	3	20
K273954		<10	<1	0.23	30	0.03	612	<1	<0.01	<1	510	10	0.03	2	3	21
K273955		<10	1	0.20	30	0.04	438	1	0.02	3	340	10	0.04	2	3	15
K273956		<10	<1	0.20	20	0.06	481	1	0.04	1	530	12	0.10	2	5	27
K273957		<10	1	0.20	30	0.07	762	<1	0.01	2	580	12	0.05	4	5	22
K273958		<10	<1	0.16	20	0.31	578	<1	0.07	1	520	15	0.15	2	5	45
K273959		<10	<1	0.20	20	0.23	800	1	0.03	1	630	14	0.06	2	7	20
K273960		<10	<1	0.23	30	0.37	1555	1	0.05	1	520	19	0.12	3	6	62
K273961		<10	<1	0.16	20	0.12	634	1	0.04	2	590	10	0.06	<2	7	22
K273962		10	<1	0.23	10	1.08	588	44	0.32	285	640	7680	7.06	28	4	72
K273963		<10	<1	0.19	30	0.37	1105	1	0.05	1	530	23	0.14	2	6	49
K273964		<10	<1	0.17	30	0.13	559	2	0.05	2	570	15	0.10	4	5	20
K273965		<10	1	0.22	30	0.14	745	3	0.02	1	620	16	0.05	9	7	11
K273966		<10	<1	0.04	<10	11.55	202	<1	0.01	1	200	<2	0.04	<2	<1	42
K273967		<10	2	0.15	30	0.29	541	1	0.02	<1	660	13	0.04	3	8	13
K273968		<10	1	0.17	30	0.46	562	1	0.04	1	590	14	0.06	2	7	20
K273969		<10	4	0.18	30	0.45	492	1	0.03	1	620	15	0.05	3	6	11
K273970		<10	<1	0.16	20	0.56	538	1	0.05	1	570	14	0.04	<2	6	23
K273971		10	7	0.16	20	0.65	401	<1	0.04	1	630	15	0.03	<2	5	16
K273972		<10	2	0.19	20	0.58	816	<1	0.04	2	540	15	0.06	<2	5	17
K273973		10	5	0.14	20	0.62	397	<1	0.03	2	580	14	0.03	<2	5	14
K273974		<10	5	0.19	30	0.29	904	1	0.02	1	640	20	0.03	3	7	14
K273975		<10	1	0.23	20	0.58	4010	1	0.02	1	250	4850	0.75	36	3	88
K273976		<10	<1	0.14	10	0.55	494	<1	0.06	2	570	320	0.03	<2	5	24
K273977		<10	<1	0.19	30	0.32	610	<1	0.05	2	590	153	0.06	<2	5	19
K273978		<10	1	0.28	20	0.15	3700	2	0.03	1	490	55	0.26	8	5	30
K273979		<10	<1	0.21	30	0.20	970	<1	0.03	2	600	22	0.04	2	6	14
K273980		<10	<1	0.16	20	0.56	685	<1	0.05	1	570	17	0.04	<2	5	22
K273981		<10	<1	0.17	20	0.18	1105	1	0.03	<1	620	48	0.05	2	6	13
K273982		10	<1	0.13	20	0.62	616	<1	0.05	2	560	26	0.04	<2	5	24
K273983		10	<1	0.19	20	0.74	1140	<1	0.04	2	600	32	0.05	<2	6	19
K273984		10	<1	0.14	20	0.74	517	<1	0.05	1	590	18	0.03	2	5	29
K273985		<10	<1	0.13	20	0.46	600	<1	0.05	1	570	12	0.03	2	8	21
K273986		<10	<1	0.21	30	0.20	4810	2	0.06	2	540	110	0.15	26	7	43

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VANCOUVER BC V6B 1L8

Finalized Date: 20- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11119998

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273951		<20	<0.01	<10	<10	29	<10	194
K273952		<20	<0.01	<10	<10	26	<10	118
K273953		<20	<0.01	<10	<10	14	<10	106
K273954		20	<0.01	<10	<10	13	<10	44
K273955		20	<0.01	<10	<10	13	<10	51
K273956		<20	<0.01	<10	<10	22	<10	62
K273957		20	<0.01	<10	<10	20	<10	41
K273958		<20	0.01	<10	<10	32	<10	67
K273959		<20	0.01	<10	<10	38	<10	68
K273960		20	<0.01	<10	<10	27	<10	100
K273961		<20	<0.01	<10	<10	39	<10	60
K273962		<20	0.05	<10	<10	299	<10	6980
K273963		20	0.01	<10	<10	34	<10	86
K273964		<20	<0.01	<10	<10	33	<10	69
K273965		20	0.01	<10	<10	32	<10	108
K273966		<20	<0.01	<10	<10	3	<10	14
K273967		20	0.01	<10	<10	41	<10	50
K273968		20	0.01	<10	<10	39	<10	46
K273969		20	0.02	<10	<10	42	<10	47
K273970		<20	0.02	<10	<10	44	<10	51
K273971		20	0.02	<10	<10	49	<10	59
K273972		<20	0.02	<10	<10	40	<10	55
K273973		20	0.01	<10	<10	46	<10	59
K273974		20	0.01	<10	<10	38	<10	61
K273975		<20	<0.01	<10	<10	14	<10	225
K273976		<20	0.05	<10	<10	46	<10	64
K273977		<20	0.01	<10	<10	36	<10	73
K273978		<20	<0.01	<10	<10	19	<10	92
K273979		<20	0.01	<10	<10	36	<10	57
K273980		<20	0.02	<10	<10	41	<10	54
K273981		<20	0.01	<10	<10	35	<10	186
K273982		<20	0.02	<10	<10	43	<10	81
K273983		<20	0.01	<10	<10	44	<10	75
K273984		<20	0.04	<10	<10	47	<10	52
K273985		<20	0.02	<10	<10	44	<10	52
K273986		<20	<0.01	<10	<10	29	<10	234

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11119999

Project: Klaza TR- 25

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11119999

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273773		4.15	0.005	0.3	0.83	27	<10	470	0.5	2	0.34	<0.5	9	11	12	2.59
K273774		1.63	<0.005	0.3	0.64	14	<10	320	<0.5	<2	0.23	<0.5	8	8	5	2.24
K273775		3.62	<0.005	0.2	0.75	14	<10	390	0.5	<2	0.29	<0.5	8	10	8	2.53
K273776		3.00	0.015	0.2	0.81	24	<10	1140	0.6	2	0.27	<0.5	20	8	8	3.06
K273777		0.14	1.540	32.8	4.64	143	<10	40	<0.5	15	4.52	31.1	85	55	6870	8.03
K273778		2.50	0.042	0.4	1.13	26	<10	310	<0.5	<2	0.39	0.8	11	12	22	2.56
K273779		1.89	<0.005	<0.2	1.20	9	<10	480	<0.5	2	0.42	<0.5	7	8	12	2.64
K273780		3.84	<0.005	0.3	1.09	15	<10	470	0.6	<2	0.35	0.7	7	7	15	2.67
K273781		2.04	0.006	0.2	1.18	16	<10	490	0.5	<2	0.37	0.5	8	11	13	2.69
K273782		3.96	0.005	0.2	1.11	29	<10	430	<0.5	<2	0.36	<0.5	8	11	10	2.64
K273783		3.70	0.006	0.2	1.22	16	<10	610	0.5	<2	0.36	0.5	8	9	15	2.74
K273784		3.01	0.013	0.2	1.18	25	<10	400	0.5	2	0.36	0.6	7	11	16	2.63
K273785		3.73	0.014	0.3	1.10	42	<10	430	<0.5	<2	0.36	0.6	8	14	14	2.62
K273786		2.18	0.064	0.9	1.11	304	<10	320	0.5	<2	0.32	0.5	6	9	16	2.57
K273787		2.70	<0.005	0.2	1.13	27	<10	360	<0.5	<2	0.41	<0.5	8	11	17	2.52
K273788		2.73	0.778	0.9	1.24	95	<10	460	0.5	<2	0.36	0.5	8	9	15	2.98
K273789		2.60	0.005	0.2	1.28	30	<10	540	<0.5	<2	0.39	0.5	7	11	12	2.72
K273790		3.27	0.009	0.4	1.23	27	<10	400	<0.5	<2	0.40	0.7	8	13	14	2.63
K273791		2.55	<0.005	0.3	1.40	19	<10	530	0.5	<2	0.38	0.5	7	9	15	2.84
K273792		2.26	0.013	1.2	1.18	14	<10	490	<0.5	<2	0.32	<0.5	7	8	34	2.53
K273793		4.34	0.021	1.6	1.31	15	<10	530	0.5	<2	0.34	<0.5	8	9	53	2.92
K273794		3.28	0.007	0.4	1.18	17	<10	400	<0.5	2	0.35	0.6	8	10	23	2.66
K273795		2.41	<0.005	0.6	1.11	13	<10	650	0.5	<2	0.35	0.7	8	8	19	2.70
K273796		2.72	0.673	11.1	0.76	455	<10	290	1.1	<2	0.28	3.6	8	8	57	3.23
K273797		2.75	<0.005	0.3	0.72	13	<10	1580	0.9	<2	0.30	1.1	5	9	6	1.92
K273798		4.24	0.005	0.3	1.01	14	<10	370	1.1	<2	0.39	0.6	5	8	5	2.23
K273799		2.90	<0.005	<0.2	0.96	24	<10	510	0.6	<2	0.35	0.6	6	11	4	2.21
K273800		3.38	0.006	0.3	0.99	21	<10	270	0.7	<2	0.36	0.7	6	11	8	2.27
K273801		3.30	<0.005	<0.2	0.97	21	<10	290	0.7	<2	0.37	0.6	7	10	7	2.28
K273802		2.60	<0.005	<0.2	0.84	25	<10	300	0.8	<2	0.29	0.7	5	10	10	2.26
K273803		2.79	<0.005	0.2	0.74	19	<10	300	0.7	<2	0.26	0.6	6	7	10	2.73
K273804		2.57	0.005	0.2	0.68	33	<10	730	0.8	2	0.19	1.3	10	5	5	2.82
K273805		3.97	<0.005	<0.2	0.04	3	<10	10	<0.5	<2	18.6	<0.5	1	1	<1	0.44
K273806		4.58	<0.005	0.2	0.85	21	<10	580	0.7	<2	0.27	1.0	11	6	4	2.76
K273807		4.33	0.011	0.3	1.14	20	<10	410	0.5	<2	0.37	0.9	8	9	9	2.87
K273808		3.18	0.011	0.3	1.09	26	<10	390	0.6	<2	0.37	1.2	8	8	11	2.96

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VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11119999

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273773		<10	<1	0.25	20	0.18	1135	1	0.04	5	640	26	0.05	2	4	21
K273774		<10	<1	0.26	20	0.12	979	1	0.03	3	540	19	0.06	<2	3	14
K273775		<10	<1	0.23	20	0.16	965	1	0.04	4	590	18	0.05	<2	4	19
K273776		<10	<1	0.30	20	0.10	1375	2	0.04	3	650	15	0.08	2	5	31
K273777		10	1	0.23	<10	1.13	610	43	0.33	296	650	8030	7.15	34	4	75
K273778		<10	<1	0.18	20	0.41	678	1	0.06	5	600	58	0.01	2	5	25
K273779		<10	<1	0.21	20	0.51	645	1	0.10	<1	560	19	<0.01	2	5	30
K273780		<10	<1	0.20	20	0.32	1060	1	0.05	3	580	15	<0.01	2	7	19
K273781		<10	<1	0.22	20	0.39	835	1	0.06	4	590	19	<0.01	<2	6	23
K273782		<10	<1	0.22	20	0.40	683	1	0.07	3	590	20	<0.01	2	5	25
K273783		<10	1	0.26	20	0.46	917	1	0.07	2	590	16	<0.01	2	7	24
K273784		<10	<1	0.19	20	0.40	789	1	0.06	4	600	22	<0.01	<2	6	24
K273785		<10	<1	0.19	20	0.36	896	1	0.06	5	560	42	<0.01	3	5	25
K273786		<10	<1	0.22	30	0.34	825	1	0.05	2	580	24	<0.01	6	5	19
K273787		<10	<1	0.23	20	0.43	699	1	0.07	3	600	25	<0.01	2	4	26
K273788		<10	<1	0.24	30	0.44	1390	1	0.07	2	570	29	<0.01	3	6	24
K273789		<10	<1	0.24	20	0.47	1010	1	0.08	3	580	23	<0.01	2	6	27
K273790		<10	<1	0.21	20	0.43	880	1	0.07	4	580	34	<0.01	2	6	26
K273791		10	<1	0.23	20	0.49	858	1	0.07	1	610	18	<0.01	2	7	24
K273792		<10	<1	0.21	20	0.41	1130	1	0.06	2	520	18	<0.01	2	5	21
K273793		<10	<1	0.22	20	0.45	1605	1	0.07	2	570	20	<0.01	<2	6	24
K273794		<10	<1	0.19	20	0.45	1025	1	0.06	3	580	28	<0.01	2	5	22
K273795		<10	<1	0.24	20	0.36	1630	1	0.07	2	550	29	<0.01	2	6	26
K273796		<10	1	0.23	20	0.07	1195	5	0.01	9	530	887	0.02	9	7	29
K273797		<10	<1	0.24	20	0.06	752	1	0.03	5	630	41	0.03	3	5	41
K273798		<10	<1	0.26	20	0.10	568	<1	0.02	2	750	24	<0.01	<2	6	38
K273799		<10	<1	0.22	20	0.20	811	<1	0.03	4	690	24	<0.01	<2	4	41
K273800		<10	<1	0.22	20	0.21	652	1	0.03	3	720	26	<0.01	<2	5	32
K273801		<10	<1	0.21	20	0.18	705	<1	0.03	4	740	28	<0.01	<2	5	32
K273802		<10	<1	0.23	20	0.09	697	1	0.03	6	610	34	<0.01	<2	5	43
K273803		<10	<1	0.20	20	0.13	692	2	0.04	2	640	24	<0.01	<2	7	20
K273804		<10	<1	0.26	20	0.06	1375	2	0.03	1	550	21	0.01	<2	4	18
K273805		<10	<1	0.02	<10	11.65	211	<1	0.01	<1	190	2	0.01	<2	<1	41
K273806		<10	<1	0.32	20	0.17	1005	1	0.03	1	590	42	0.01	2	5	18
K273807		<10	<1	0.25	20	0.46	981	1	0.05	2	600	61	<0.01	<2	5	21
K273808		<10	<1	0.22	20	0.35	761	1	0.06	2	620	37	<0.01	4	7	23

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11119999

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273773		<20	0.02	<10	<10	34	<10	76
K273774		<20	0.01	<10	<10	28	<10	60
K273775		<20	0.02	<10	<10	35	<10	63
K273776		<20	0.01	<10	<10	34	<10	69
K273777		<20	0.05	<10	10	309	<10	6990
K273778		<20	0.06	<10	<10	47	<10	112
K273779		<20	0.09	<10	<10	53	<10	56
K273780		<20	0.04	<10	<10	47	<10	61
K273781		<20	0.08	<10	<10	49	<10	60
K273782		<20	0.07	<10	<10	47	<10	65
K273783		20	0.08	<10	<10	51	<10	65
K273784		<20	0.05	<10	<10	46	<10	70
K273785		<20	0.06	<10	<10	43	<10	88
K273786		<20	0.02	<10	<10	35	<10	64
K273787		<20	0.08	<10	<10	47	<10	71
K273788		<20	0.05	<10	<10	46	<10	64
K273789		<20	0.08	<10	<10	50	<10	63
K273790		<20	0.07	<10	<10	49	<10	79
K273791		20	0.06	<10	<10	51	<10	55
K273792		20	0.04	<10	<10	42	<10	52
K273793		<20	0.04	<10	<10	45	<10	62
K273794		<20	0.06	<10	<10	47	<10	76
K273795		<20	0.06	<10	<10	45	<10	90
K273796		<20	<0.01	<10	<10	32	<10	885
K273797		<20	<0.01	<10	<10	30	<10	98
K273798		<20	<0.01	<10	<10	31	<10	67
K273799		<20	0.01	<10	<10	36	<10	62
K273800		<20	0.02	<10	<10	37	<10	74
K273801		<20	0.01	<10	<10	36	<10	67
K273802		<20	<0.01	<10	<10	34	<10	70
K273803		<20	0.01	<10	<10	42	<10	69
K273804		<20	<0.01	<10	<10	30	<10	71
K273805		<20	<0.01	<10	<10	2	<10	12
K273806		<20	0.01	<10	<10	33	<10	110
K273807		<20	0.02	<10	<10	42	<10	193
K273808		<20	0.04	<10	<10	49	<10	154

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11120310

Project: Klaza TR- 25

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120310

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273845		7.64	<0.005	0.3	0.65	21	<10	430	0.5	<2	0.21	1.6	7	6	5	2.76
K273846		5.80	<0.005	0.2	0.73	16	<10	410	0.5	<2	0.23	1.0	8	6	5	2.93
K273847		3.40	<0.005	<0.2	0.95	16	<10	280	0.5	<2	0.30	0.7	6	6	5	2.84
K273848		4.78	<0.005	0.3	0.79	26	<10	390	0.8	<2	0.32	1.2	6	5	7	2.89
K273849		4.37	<0.005	0.2	1.21	15	<10	370	0.6	<2	0.32	0.7	9	8	11	3.04
K273850		5.87	<0.005	<0.2	1.11	8	<10	280	0.5	<2	0.32	<0.5	6	6	6	2.66
K273851		3.50	0.007	1.0	1.33	15	<10	310	0.6	<2	0.34	0.7	6	6	7	2.75
K273852		3.57	<0.005	0.2	1.17	12	<10	310	0.7	<2	0.32	0.7	7	6	5	2.74
K273853		4.92	<0.005	0.2	1.12	21	<10	340	0.6	<2	0.31	0.7	12	7	7	3.09
K273854		4.66	<0.005	0.2	0.95	15	<10	300	0.5	<2	0.32	<0.5	7	7	6	2.72
K273855		4.59	0.006	0.3	0.85	22	<10	370	0.5	<2	0.27	0.5	9	7	7	2.97
K273856		3.79	<0.005	0.2	0.91	16	<10	310	0.5	<2	0.26	<0.5	6	6	6	2.71
K273857		0.13	1.740	32.9	4.68	143	<10	50	<0.5	19	4.58	31.5	87	56	6910	8.11
K273858		3.80	0.007	0.5	0.80	20	<10	390	0.5	<2	0.26	0.9	9	9	23	2.94
K273859		6.76	<0.005	1.3	1.09	44	<10	350	0.6	2	0.29	0.7	7	7	15	2.91
K273860		6.67	<0.005	<0.2	1.04	16	<10	540	<0.5	<2	0.37	<0.5	6	7	17	2.75
K273861		4.73	0.006	0.3	0.90	74	<10	300	0.7	<2	0.28	0.5	8	5	28	2.78
K273862		4.85	1.040	9.6	0.53	4730	<10	2260	1.0	<2	0.26	15.8	8	4	31	4.81
K273863		4.18	0.434	16.6	0.55	2440	<10	1300	0.6	<2	0.16	25.0	7	3	77	5.00
K273864		6.31	0.253	5.9	0.65	2040	<10	750	0.7	<2	0.23	20.3	8	5	98	3.78
K273865		4.38	0.017	0.5	1.01	230	<10	360	0.5	<2	0.31	1.8	8	6	53	2.78
K273866		3.44	0.021	1.4	0.97	207	<10	570	0.7	<2	0.30	2.3	10	8	292	3.16
K273867		4.00	0.005	0.2	1.22	69	<10	510	0.5	<2	0.40	0.7	7	7	47	2.68
K273868		6.62	0.009	1.1	0.88	93	<10	670	0.6	<2	0.29	1.6	9	6	16	3.01
K273869		4.83	0.006	0.3	1.10	63	<10	420	0.5	<2	0.37	0.6	8	7	8	2.83
K273870		6.01	0.009	0.3	1.12	95	<10	500	0.6	<2	0.25	0.8	19	7	11	3.07
K273871		4.82	0.497	3.2	0.54	131	<10	310	<0.5	2	0.12	0.9	13	6	10	5.75
K273872		4.46	0.008	0.2	1.43	19	<10	550	0.6	2	0.25	<0.5	10	7	25	3.76
K273873		2.96	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	19.7	<0.5	1	<1	<1	0.48
K273874		4.76	<0.005	0.2	1.43	10	<10	930	0.5	<2	0.37	1.8	43	7	46	2.82
K273875		5.68	0.007	0.3	1.27	22	<10	830	0.6	<2	0.35	2.1	32	6	53	2.89
K273876		4.65	0.022	5.9	0.84	101	<10	880	0.6	<2	0.25	3.7	10	6	33	2.82
K273877		4.93	0.097	32.7	0.73	402	<10	910	0.8	<2	0.19	7.6	18	5	25	3.57
K273878		3.66	0.007	0.3	1.33	37	<10	800	0.6	<2	0.48	2.8	28	8	25	2.91
K273879		6.57	<0.005	0.3	1.23	21	<10	610	0.5	2	0.44	1.2	7	6	16	2.72
K273880		4.30	0.006	0.3	1.14	33	<10	460	0.5	<2	0.39	1.2	9	8	15	2.72

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120310

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273845		<10	<1	0.21	20	0.11	1195	4	0.03	<1	570	28	<0.01	2	4	12
K273846		<10	1	0.20	20	0.13	1150	3	0.02	<1	630	23	<0.01	2	5	14
K273847		<10	1	0.14	20	0.28	687	2	0.02	1	640	23	<0.01	4	7	14
K273848		<10	<1	0.22	20	0.07	1745	5	0.02	1	620	35	<0.01	4	7	19
K273849		<10	<1	0.18	20	0.35	1040	2	0.03	5	630	21	<0.01	3	8	19
K273850		<10	1	0.12	20	0.42	577	1	0.02	<1	640	11	<0.01	4	7	15
K273851		<10	<1	0.17	20	0.36	780	2	0.02	2	620	35	<0.01	4	7	17
K273852		<10	<1	0.18	20	0.22	662	1	0.04	<1	610	12	<0.01	4	8	18
K273853		<10	<1	0.18	20	0.33	957	1	0.03	<1	620	17	<0.01	4	6	19
K273854		<10	<1	0.18	20	0.29	778	1	0.05	<1	650	15	<0.01	3	6	20
K273855		<10	<1	0.23	30	0.21	1135	2	0.04	3	590	14	<0.01	2	4	15
K273856		<10	<1	0.23	20	0.21	865	2	0.03	2	610	12	<0.01	2	5	15
K273857		10	1	0.24	10	1.14	618	46	0.35	307	660	8100	7.21	31	4	76
K273858		<10	<1	0.22	20	0.20	1450	1	0.04	2	560	36	0.01	2	4	18
K273859		<10	<1	0.21	20	0.21	864	1	0.04	<1	610	20	<0.01	2	7	17
K273860		<10	<1	0.23	20	0.35	556	1	0.07	<1	600	9	<0.01	2	7	24
K273861		<10	<1	0.17	20	0.15	1140	<1	0.02	<1	630	12	<0.01	6	9	16
K273862		<10	1	0.26	90	0.05	24000	9	0.04	2	430	567	0.01	45	7	117
K273863		<10	1	0.32	30	0.04	24800	3	0.03	<1	370	704	0.11	33	5	112
K273864		<10	1	0.24	30	0.09	8530	2	0.02	<1	520	396	0.02	21	7	55
K273865		<10	<1	0.19	20	0.28	1260	1	0.04	<1	650	26	<0.01	5	7	21
K273866		<10	1	0.27	20	0.17	3890	1	0.05	1	620	119	<0.01	18	7	33
K273867		<10	1	0.21	20	0.41	662	<1	0.07	1	580	10	<0.01	<2	7	27
K273868		<10	<1	0.20	30	0.20	3060	1	0.04	<1	640	35	<0.01	3	6	25
K273869		<10	<1	0.18	20	0.34	829	<1	0.08	<1	600	12	<0.01	2	7	28
K273870		<10	1	0.19	30	0.28	1020	1	0.03	1	420	12	<0.01	3	7	19
K273871		<10	<1	0.25	20	0.07	1345	4	0.02	1	640	114	0.08	4	3	21
K273872		10	<1	0.22	20	0.33	289	<1	0.04	<1	520	11	0.01	2	8	23
K273873		<10	<1	0.02	<10	12.40	234	<1	0.02	<1	180	<2	0.01	2	<1	46
K273874		<10	<1	0.26	40	0.44	1935	1	0.08	1	530	9	<0.01	<2	7	28
K273875		<10	1	0.24	30	0.35	2260	1	0.05	1	570	14	<0.01	3	8	21
K273876		<10	<1	0.25	30	0.16	3770	3	0.05	1	490	59	<0.01	4	7	23
K273877		<10	1	0.24	30	0.09	6710	3	0.03	1	430	572	<0.01	13	6	28
K273878		<10	<1	0.23	20	0.36	1950	2	0.10	1	590	24	<0.01	2	6	34
K273879		<10	<1	0.21	20	0.38	1130	1	0.09	<1	580	11	<0.01	3	7	32
K273880		<10	<1	0.15	20	0.42	1355	1	0.07	<1	600	10	<0.01	2	6	27

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VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120310

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273845		<20	0.01	<10	<10	31	<10	185
K273846		<20	0.01	<10	<10	33	<10	101
K273847		<20	0.01	<10	<10	42	<10	86
K273848		<20	<0.01	<10	<10	38	<10	113
K273849		<20	0.01	<10	<10	46	<10	75
K273850		<20	0.01	<10	<10	44	<10	47
K273851		20	0.01	<10	<10	43	<10	184
K273852		20	0.01	<10	<10	44	<10	67
K273853		<20	0.01	<10	<10	42	<10	116
K273854		<20	0.01	<10	<10	43	<10	63
K273855		<20	0.02	<10	<10	34	<10	78
K273856		<20	0.01	<10	<10	36	<10	66
K273857		<20	0.05	<10	10	314	<10	7160
K273858		<20	0.02	<10	<10	31	<10	138
K273859		<20	0.01	<10	<10	42	<10	142
K273860		<20	0.06	<10	<10	48	<10	59
K273861		<20	<0.01	<10	<10	40	<10	97
K273862		<20	<0.01	<10	<10	12	<10	1260
K273863		<20	<0.01	<10	<10	8	<10	2830
K273864		<20	0.01	<10	<10	25	<10	1825
K273865		<20	0.01	<10	<10	41	<10	210
K273866		<20	0.02	<10	<10	36	<10	270
K273867		20	0.05	<10	<10	46	<10	91
K273868		20	0.01	<10	<10	36	<10	156
K273869		20	0.03	<10	<10	44	<10	112
K273870		20	0.02	<10	<10	40	<10	131
K273871		<20	<0.01	<10	<10	24	<10	174
K273872		20	0.04	<10	<10	49	<10	131
K273873		<20	<0.01	<10	<10	2	<10	15
K273874		20	0.07	<10	<10	46	<10	129
K273875		20	0.06	<10	<10	45	<10	144
K273876		20	0.03	<10	<10	36	<10	198
K273877		20	0.01	<10	<10	27	<10	452
K273878		20	0.09	<10	<10	49	<10	194
K273879		20	0.05	<10	<10	49	<10	105
K273880		<20	0.04	<10	<10	46	<10	160

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11120311

Project: Klaza TR- 25

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120311

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273809		3.04	<0.005	0.2	0.79	15	<10	540	0.7	<2	0.26	1.6	7	7	10	3.03
K273810		3.39	<0.005	<0.2	0.90	11	<10	510	0.6	<2	0.30	0.9	7	6	9	2.98
K273811		3.65	<0.005	0.2	0.91	8	<10	550	0.7	<2	0.29	0.9	7	7	13	3.10
K273812		2.59	<0.005	0.2	0.85	8	<10	420	0.7	<2	0.27	1.0	5	6	8	2.94
K273813		2.79	<0.005	<0.2	0.65	10	<10	330	0.6	<2	0.18	1.2	5	6	5	3.41
K273814		3.88	<0.005	<0.2	1.02	11	<10	380	0.6	<2	0.29	0.6	5	6	9	3.14
K273815		3.25	<0.005	<0.2	1.13	9	<10	540	0.5	<2	0.34	0.7	7	7	9	3.00
K273816		2.59	<0.005	<0.2	0.95	6	<10	360	0.7	<2	0.33	1.1	7	6	11	2.92
K273817		3.82	<0.005	<0.2	1.00	10	<10	470	0.6	<2	0.29	0.6	7	7	11	3.01
K273818		1.95	<0.005	<0.2	1.25	2	<10	520	<0.5	<2	0.50	<0.5	7	7	10	2.52
K273819		3.44	<0.005	0.2	0.91	8	<10	340	0.7	<2	0.28	<0.5	6	6	11	2.91
K273820		3.55	<0.005	<0.2	1.09	7	<10	530	0.5	<2	0.31	<0.5	7	6	7	2.84
K273821		2.71	<0.005	<0.2	1.16	8	<10	370	0.7	<2	0.34	<0.5	7	6	8	2.98
K273822		3.30	<0.005	<0.2	1.31	8	<10	320	0.5	<2	0.36	<0.5	6	7	6	3.00
K273823		3.29	0.032	<0.2	1.28	12	<10	370	0.5	<2	0.28	<0.5	7	7	10	3.32
K273824		3.68	<0.005	0.2	0.97	7	<10	460	0.7	<2	0.29	<0.5	7	5	9	2.93
K273825		2.95	<0.005	0.2	0.79	11	<10	290	0.9	<2	0.27	<0.5	6	5	11	3.02
K273826		3.01	<0.005	0.2	1.03	10	<10	400	0.6	<2	0.27	<0.5	6	5	8	3.00
K273827		4.34	<0.005	<0.2	1.03	8	<10	350	0.5	<2	0.32	<0.5	6	7	10	2.83
K273828		2.83	<0.005	0.2	1.31	15	<10	450	0.6	2	0.32	0.5	6	6	10	3.42
K273829		3.31	<0.005	0.2	0.97	21	<10	250	0.6	2	0.30	0.5	4	6	8	2.62
K273830		3.72	0.062	2.5	1.03	66	<10	490	0.7	3	0.25	3.9	40	5	32	3.57
K273831		2.79	<0.005	0.3	1.44	14	<10	340	0.6	<2	0.33	1.4	6	8	14	3.28
K273832		3.47	0.033	0.4	1.30	40	<10	460	0.6	2	0.26	3.9	28	6	13	4.40
K273833		0.13	1.565	32.6	4.83	149	<10	40	<0.5	2	4.49	31.4	81	55	7290	7.99
K273834		3.51	0.006	0.3	1.34	16	<10	560	0.5	<2	0.43	1.6	9	8	101	2.94
K273835		2.21	<0.005	<0.2	1.25	21	<10	360	<0.5	<2	0.35	1.4	8	7	15	2.79
K273836		3.06	<0.005	0.2	1.20	21	<10	320	0.5	<2	0.36	1.7	8	7	28	2.94
K273837		3.14	<0.005	<0.2	1.18	16	<10	320	<0.5	2	0.33	1.4	6	7	17	2.68
K273838		2.97	<0.005	0.2	0.91	15	<10	320	0.7	2	0.28	1.9	6	6	12	2.89
K273839		2.09	<0.005	<0.2	0.04	2	<10	20	<0.5	<2	18.7	<0.5	<1	<1	1	0.41
K273840		5.45	<0.005	<0.2	1.15	16	<10	380	0.6	<2	0.43	1.7	6	6	11	2.92
K273841		3.76	<0.005	0.2	1.33	17	<10	360	0.5	<2	0.37	1.2	5	7	9	2.76
K273842		5.30	<0.005	<0.2	1.11	16	<10	320	0.5	<2	0.32	1.2	4	7	8	2.96
K273843		4.08	0.053	2.3	0.79	110	<10	330	0.6	3	0.17	4.8	7	5	49	4.47
K273844		6.91	0.030	1.1	0.70	37	<10	370	0.5	<2	0.20	2.8	11	7	18	2.98

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Finalized Date: 22- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120311

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273809		<10	<1	0.19	30	0.12	2660	6	0.01	4	630	26	0.01	<2	8	25
K273810		<10	<1	0.19	20	0.20	773	2	0.02	3	600	15	<0.01	2	8	18
K273811		<10	<1	0.21	20	0.18	653	1	0.03	4	610	16	<0.01	<2	8	18
K273812		<10	<1	0.19	20	0.12	715	1	0.01	3	620	11	<0.01	4	8	14
K273813		<10	<1	0.22	20	0.05	1110	2	0.01	4	590	8	<0.01	3	6	9
K273814		<10	<1	0.16	20	0.26	728	1	0.01	3	600	9	<0.01	2	7	16
K273815		<10	<1	0.18	20	0.37	1245	2	0.03	3	600	10	<0.01	2	7	22
K273816		<10	<1	0.15	20	0.15	780	2	0.01	3	640	11	<0.01	2	8	16
K273817		<10	<1	0.20	20	0.23	936	1	0.01	4	610	9	<0.01	<2	7	16
K273818		<10	<1	0.22	20	0.53	492	1	0.07	2	570	9	<0.01	<2	4	31
K273819		<10	<1	0.18	20	0.13	661	2	0.02	3	610	9	<0.01	2	8	15
K273820		<10	<1	0.19	20	0.43	1080	1	0.03	3	570	8	0.01	<2	5	21
K273821		<10	<1	0.15	20	0.29	666	1	0.02	3	620	9	<0.01	4	8	20
K273822		10	<1	0.18	20	0.58	663	1	0.04	3	590	7	<0.01	<2	5	20
K273823		10	<1	0.19	20	0.51	1010	1	0.04	2	590	9	0.01	<2	6	15
K273824		<10	<1	0.19	20	0.27	848	1	0.04	2	580	10	<0.01	<2	7	18
K273825		<10	<1	0.18	30	0.08	715	1	0.02	2	600	12	<0.01	<2	8	13
K273826		<10	<1	0.17	20	0.22	682	1	0.02	2	620	9	0.01	3	8	12
K273827		10	<1	0.17	20	0.38	626	1	0.05	2	580	7	<0.01	<2	6	19
K273828		10	1	0.21	30	0.41	736	1	0.04	2	570	9	<0.01	2	6	17
K273829		<10	<1	0.14	20	0.19	384	1	0.02	3	650	14	<0.01	3	8	12
K273830		<10	<1	0.27	30	0.30	2290	4	0.03	3	600	186	0.01	6	6	15
K273831		10	<1	0.18	20	0.56	753	2	0.04	3	660	21	0.01	4	7	18
K273832		10	<1	0.23	30	0.45	1630	3	0.03	4	640	31	0.01	<2	5	14
K273833		10	1	0.24	10	1.11	622	48	0.33	315	670	8080	7.30	25	4	76
K273834		10	<1	0.21	20	0.48	618	1	0.06	6	640	29	0.01	2	7	26
K273835		10	<1	0.18	20	0.53	747	1	0.05	4	560	26	0.01	<2	4	23
K273836		10	<1	0.16	20	0.44	702	2	0.05	4	670	24	0.01	2	6	20
K273837		10	<1	0.19	20	0.51	806	1	0.05	3	640	30	<0.01	2	6	20
K273838		<10	<1	0.20	20	0.22	807	1	0.04	3	590	14	<0.01	2	7	15
K273839		<10	<1	0.02	<10	11.50	184	<1	0.01	1	190	<2	0.04	<2	<1	52
K273840		10	<1	0.17	20	0.41	750	2	0.05	3	640	12	<0.01	<2	7	23
K273841		10	<1	0.17	20	0.48	647	1	0.03	4	660	12	<0.01	<2	6	19
K273842		10	<1	0.20	20	0.42	873	1	0.05	4	640	9	<0.01	2	5	18
K273843		<10	<1	0.32	30	0.13	1680	4	0.02	3	570	701	0.04	2	4	14
K273844		<10	<1	0.29	20	0.15	1740	13	0.02	3	580	285	0.01	<2	3	15

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Finalized Date: 22- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120311

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273809		20	0.01	<10	<10	41	<10	106
K273810		<20	0.03	<10	<10	45	<10	76
K273811		<20	0.02	<10	<10	48	<10	81
K273812		<20	0.02	<10	<10	45	<10	67
K273813		<20	0.01	<10	<10	39	<10	77
K273814		<20	0.01	<10	<10	44	<10	64
K273815		<20	0.04	<10	<10	50	<10	62
K273816		<20	0.02	<10	<10	48	<10	64
K273817		<20	0.03	<10	<10	46	<10	57
K273818		<20	0.12	<10	<10	53	<10	37
K273819		<20	0.01	<10	<10	44	<10	44
K273820		<20	0.04	<10	<10	44	<10	48
K273821		<20	0.02	<10	<10	50	<10	46
K273822		20	0.04	<10	<10	47	<10	48
K273823		<20	0.02	<10	<10	45	<10	64
K273824		20	0.01	<10	<10	42	<10	47
K273825		20	<0.01	<10	<10	45	<10	50
K273826		20	0.01	<10	<10	46	<10	44
K273827		<20	0.03	<10	<10	46	<10	41
K273828		<20	0.02	<10	<10	45	<10	108
K273829		<20	0.01	<10	<10	45	<10	113
K273830		<20	0.01	<10	<10	40	<10	393
K273831		20	0.01	<10	<10	50	<10	115
K273832		<20	0.01	<10	<10	40	<10	407
K273833		<20	0.06	<10	<10	316	<10	7330
K273834		20	0.05	<10	<10	57	<10	203
K273835		<20	0.06	<10	<10	46	<10	242
K273836		<20	0.03	<10	<10	48	<10	171
K273837		<20	0.03	<10	<10	45	<10	166
K273838		20	0.01	<10	<10	44	<10	107
K273839		<20	<0.01	<10	<10	2	<10	16
K273840		<20	0.03	<10	<10	47	<10	110
K273841		<20	0.02	<10	<10	47	<10	105
K273842		<20	0.02	<10	<10	45	<10	129
K273843		<20	0.01	<10	<10	34	<10	1180
K273844		<20	0.01	<10	<10	28	<10	667

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11120312

Project: Klaza TR- 25

P.O. No.: Batch 6

This report is for 15 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120312

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273881		4.64	0.007	0.8	1.03	42	<10	510	0.7	<2	0.33	1.3	15	6	17	2.90
K273882		4.59	0.006	4.7	0.89	37	<10	810	0.7	<2	0.24	2.9	9	7	14	2.86
K273883		5.00	0.006	0.6	1.05	28	<10	430	0.6	<2	0.35	1.5	9	6	22	2.74
K273884		3.79	<0.005	0.2	1.05	17	<10	390	0.6	<2	0.28	1.1	6	7	15	2.66
K273885		2.84	0.136	0.3	0.91	36	<10	440	0.8	<2	0.21	2.0	10	7	12	3.35
K273886		4.26	0.012	0.3	1.16	25	<10	520	0.7	2	0.32	1.4	7	7	12	3.03
K273887		4.64	0.013	0.3	0.97	39	<10	450	0.7	<2	0.28	2.3	7	6	18	2.83
K273888		4.30	0.018	0.7	0.88	43	<10	990	0.9	<2	0.28	4.4	9	6	64	2.81
K273889		4.77	0.021	0.4	0.67	32	<10	400	1.1	<2	0.26	2.6	9	4	37	3.15
K273890		3.95	0.011	0.3	0.85	34	<10	310	1.2	<2	0.25	2.4	7	5	29	2.97
K273891		3.82	0.008	0.2	1.31	16	<10	680	1.0	<2	0.30	1.9	7	6	24	2.95
K273892		4.16	0.021	0.8	0.75	86	<10	530	1.8	2	0.18	5.5	7	5	19	2.64
K273893		6.80	0.005	0.3	0.62	27	<10	260	0.9	<2	0.14	2.2	1	2	4	0.57
K273894		0.12	1.600	33.9	5.09	144	<10	30	<0.5	16	4.59	31.6	85	57	7360	8.43
K273895		6.38	<0.005	0.3	0.66	25	<10	220	0.8	<2	0.16	2.5	2	4	49	0.71

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Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120312

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273881		<10	<1	0.21	20	0.27	1190	2	0.06	6	560	21	0.02	<2	6	23
K273882		<10	1	0.29	30	0.15	3870	3	0.04	5	590	147	0.02	2	6	21
K273883		<10	<1	0.17	30	0.27	956	1	0.07	3	580	17	0.02	<2	6	24
K273884		<10	<1	0.17	20	0.21	710	1	0.03	2	570	15	0.02	3	8	16
K273885		<10	<1	0.18	20	0.09	1400	2	0.02	4	650	13	0.01	3	9	11
K273886		<10	<1	0.21	30	0.25	1050	1	0.05	3	610	16	0.01	<2	7	21
K273887		<10	<1	0.20	20	0.19	1310	1	0.04	3	560	17	0.01	4	7	19
K273888		<10	<1	0.22	30	0.19	3650	3	0.04	2	580	19	0.01	3	7	19
K273889		<10	<1	0.23	30	0.07	1250	1	0.03	2	640	19	0.02	5	8	16
K273890		<10	1	0.23	30	0.05	881	2	0.03	3	650	22	0.01	9	9	17
K273891		<10	1	0.30	30	0.27	1090	2	0.02	3	660	17	0.01	3	10	17
K273892		<10	1	0.28	20	0.07	2030	4	0.02	2	500	56	0.01	6	9	21
K273893		<10	<1	0.21	10	0.03	867	1	0.01	1	60	68	0.01	<2	2	16
K273894		10	1	0.25	10	1.18	630	45	0.35	309	670	8080	7.51	28	4	78
K273895		<10	<1	0.21	10	0.06	787	1	0.02	4	120	99	0.04	2	2	13

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 25

CERTIFICATE OF ANALYSIS WH11120312

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273881		<20	0.04	<10	<10	44	<10	176
K273882		<20	0.01	<10	<10	32	<10	224
K273883		<20	0.03	<10	<10	41	<10	153
K273884		20	0.02	<10	<10	44	<10	113
K273885		20	0.01	<10	<10	45	<10	171
K273886		20	0.04	<10	<10	46	<10	142
K273887		<20	0.02	<10	<10	40	<10	193
K273888		<20	0.02	<10	<10	37	<10	300
K273889		<20	<0.01	<10	<10	29	<10	191
K273890		20	<0.01	<10	<10	33	<10	172
K273891		20	0.03	<10	<10	48	<10	206
K273892		<20	<0.01	<10	<10	29	<10	381
K273893		20	<0.01	<10	<10	3	<10	135
K273894		<20	0.06	<10	10	319	<10	7590
K273895		20	<0.01	<10	<10	8	<10	173

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121046

Project: Klaza TR- 22

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121046

Sample Description	Method	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
K273001		0.054	1.6	0.79	142	<10	880	1.0	7	0.27	8.4	13	3	333	3.64	<10
K273002		0.016	0.6	1.17	25	<10	220	0.9	<2	0.30	5.4	8	4	75	2.18	<10
K273003		0.008	0.2	0.80	22	<10	710	1.0	<2	1.35	4.7	7	4	52	2.45	<10
K273004		0.006	0.3	0.99	55	<10	2290	1.1	<2	1.20	4.6	9	5	61	2.49	<10
K273005		0.084	3.4	0.78	126	<10	1260	0.9	8	0.26	5.7	7	3	281	4.03	<10
K273006		0.078	2.2	0.64	173	<10	560	<0.5	10	0.11	1.2	2	2	242	4.73	<10
K273007		0.136	1.4	0.69	106	<10	450	0.5	5	0.17	1.3	5	3	173	3.88	<10
K273008		0.071	1.7	0.64	178	<10	1380	0.6	7	0.16	6.6	18	2	393	3.73	<10
K273009		0.095	2.1	0.56	192	<10	1670	0.5	7	0.14	4.3	9	2	455	3.37	<10
K273010		0.047	1.0	0.83	86	<10	770	0.9	3	0.20	6.7	14	3	270	3.01	<10
K273011		2.35	24.0	0.40	300	<10	420	<0.5	30	0.06	2.0	<1	2	81	2.73	<10
K273012		0.006	<0.2	0.05	4	<10	20	<0.5	<2	20.5	<0.5	<1	<1	2	0.46	<10
K273013		0.674	11.7	0.60	447	<10	400	<0.5	17	0.19	5.4	2	2	252	4.81	<10
K273014		0.252	3.6	0.75	159	<10	730	0.9	10	0.19	10.3	10	3	331	4.06	<10
K273015		1.045	2.6	0.72	158	<10	740	0.6	18	0.11	3.6	7	2	197	3.95	<10
K273016		0.743	17.6	0.38	183	<10	390	<0.5	28	0.11	1.8	<1	2	49	3.32	<10
K273017		0.229	5.3	0.80	85	<10	230	0.9	6	0.12	6.2	11	2	306	5.99	<10
K273018		0.085	1.4	1.16	70	<10	230	0.9	3	0.18	3.7	6	4	215	4.48	<10
K273019		0.053	0.6	1.04	35	<10	410	0.8	<2	0.21	16.6	10	4	54	2.92	<10
K273020		0.050	0.4	0.74	33	<10	460	0.8	<2	0.22	37.4	11	3	62	2.99	<10
K273021		2.62	20.5	0.65	395	<10	490	0.7	15	0.13	38.7	5	2	335	5.37	<10
K273022		1.440	32.9	4.81	143	<10	40	<0.5	27	4.50	31.9	83	56	6980	8.07	10
K273023		0.125	1.2	0.79	66	<10	1450	1.1	2	0.26	27.6	13	3	104	3.84	<10
K273024		0.967	3.8	0.67	234	<10	710	0.7	6	0.15	16.1	13	2	135	5.62	<10
K273025		1.135	2.8	0.62	175	<10	960	0.6	4	0.23	11.1	8	3	112	3.99	<10
K273026		0.059	0.8	1.49	27	<10	250	0.8	3	0.28	5.3	6	5	22	2.81	<10
K273027		0.029	0.3	1.65	17	<10	310	0.9	2	0.32	3.3	6	6	12	3.00	10
K273028		0.064	0.3	1.72	23	<10	510	0.8	2	0.34	2.5	9	6	19	3.33	<10
K273029		0.073	0.9	1.37	33	<10	360	0.5	<2	0.29	2.2	7	7	54	3.10	<10
K273030		0.082	2.1	1.39	46	<10	600	0.8	6	0.29	4.2	8	5	269	3.58	<10
K273031		0.165	2.2	1.08	80	<10	460	0.7	3	0.24	5.2	14	5	131	3.58	<10
K273032		0.124	1.8	1.25	67	<10	780	1.0	3	0.24	20.4	24	5	115	4.10	<10
K273033		0.231	8.6	0.47	166	<10	180	<0.5	11	0.06	0.8	1	3	71	2.14	<10
K273034		0.575	11.0	0.56	413	<10	520	<0.5	15	0.08	2.2	1	3	145	4.15	<10
K273035		0.087	1.3	0.78	71	<10	2070	0.7	2	0.24	5.4	10	5	82	3.60	<10
K273036		0.121	1.1	1.05	50	<10	710	0.7	3	0.59	2.7	9	6	50	3.98	<10

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121046

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
K273001		<1	0.31	30	0.06	1055	3	0.01	4	760	105	0.23	18	4	43	<20
K273002		1	0.20	20	0.08	730	2	0.01	2	640	29	0.01	4	7	23	<20
K273003		<1	0.28	30	0.08	969	1	0.01	4	1240	27	0.01	7	3	44	<20
K273004		<1	0.31	30	0.09	1275	1	0.01	5	1290	19	0.06	6	4	58	<20
K273005		1	0.32	20	0.05	865	3	0.02	3	830	342	0.15	28	3	53	<20
K273006		1	0.42	20	0.04	123	1	0.02	1	510	120	0.36	27	2	28	<20
K273007		<1	0.26	20	0.09	318	2	0.02	2	670	44	0.09	23	4	16	<20
K273008		<1	0.33	30	0.03	1075	2	0.01	3	580	74	0.10	45	4	15	<20
K273009		<1	0.32	30	0.04	682	2	0.02	1	570	93	0.07	60	3	19	<20
K273010		<1	0.38	30	0.06	1085	2	0.02	2	660	42	0.09	24	3	13	<20
K273011		1	0.53	20	0.03	110	1	0.01	<1	200	410	0.56	41	1	31	<20
K273012		<1	0.04	<10	12.45	207	<1	0.01	1	210	3	<0.01	<2	<1	48	<20
K273013		<1	0.55	20	0.05	399	1	0.02	<1	730	1215	0.58	36	2	36	<20
K273014		<1	0.40	30	0.06	1010	1	0.01	3	710	247	0.25	17	3	24	20
K273015		<1	0.43	30	0.04	318	<1	0.02	1	570	91	0.25	16	4	33	<20
K273016		<1	0.40	20	0.03	89	<1	0.01	<1	220	351	0.45	7	1	41	<20
K273017		<1	0.47	30	0.04	1025	<1	0.01	2	720	278	0.20	7	4	25	<20
K273018		<1	0.32	20	0.15	461	1	<0.01	<1	660	147	0.12	3	6	21	20
K273019		<1	0.34	20	0.07	1915	2	0.01	<1	570	85	0.12	4	5	14	20
K273020		<1	0.28	30	0.07	5710	3	<0.01	1	600	40	0.13	2	5	19	20
K273021		<1	0.46	20	0.03	3370	1	0.01	<1	520	3120	0.51	25	3	28	<20
K273022		2	0.23	<10	1.13	610	44	0.33	309	690	8320	7.01	30	4	76	<20
K273023		<1	0.32	40	0.04	3620	1	<0.01	1	680	231	0.20	3	5	24	20
K273024		1	0.44	30	0.04	3140	2	0.01	1	580	280	0.48	25	3	29	20
K273025		<1	0.35	20	0.04	1890	2	<0.01	<1	570	174	0.16	31	4	21	<20
K273026		<1	0.28	20	0.34	946	1	0.01	<1	680	41	0.02	4	6	14	20
K273027		<1	0.22	20	0.46	609	<1	0.02	<1	570	26	0.01	<2	5	22	20
K273028		<1	0.22	30	0.52	723	<1	0.01	<1	670	21	0.02	3	6	19	20
K273029		<1	0.21	20	0.57	704	1	0.05	4	600	41	0.07	4	6	18	<20
K273030		<1	0.24	30	0.39	948	1	0.02	4	650	75	0.06	9	7	18	<20
K273031		<1	0.30	30	0.31	887	1	0.02	3	640	161	0.16	6	4	14	<20
K273032		<1	0.31	30	0.21	5920	1	0.03	4	660	123	0.18	9	6	18	<20
K273033		<1	0.37	20	0.03	106	1	0.01	1	170	162	0.21	26	1	35	<20
K273034		<1	0.47	20	0.03	158	2	0.01	1	300	245	0.36	31	2	26	<20
K273035		<1	0.19	20	0.04	1410	1	0.01	3	620	79	0.15	18	8	33	<20
K273036		1	0.24	30	0.10	1175	1	0.01	4	650	65	0.06	6	8	18	<20

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VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121046

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
K273001		<0.01	<10	<10	17	<10	632
K273002		<0.01	<10	<10	31	<10	357
K273003		<0.01	<10	<10	20	<10	383
K273004		<0.01	<10	<10	24	<10	313
K273005		<0.01	<10	<10	15	<10	515
K273006		<0.01	<10	<10	14	<10	281
K273007		<0.01	<10	<10	21	<10	182
K273008		<0.01	<10	<10	13	<10	465
K273009		<0.01	<10	<10	10	<10	464
K273010		<0.01	<10	<10	16	<10	613
K273011		<0.01	<10	<10	7	<10	193
K273012		<0.01	<10	10	2	<10	14
K273013		<0.01	<10	<10	13	<10	805
K273014		<0.01	<10	<10	18	<10	861
K273015		<0.01	<10	<10	20	<10	452
K273016		<0.01	<10	<10	6	<10	234
K273017		<0.01	<10	<10	25	<10	958
K273018		<0.01	<10	<10	29	<10	646
K273019		<0.01	<10	<10	26	<10	903
K273020		<0.01	<10	<10	25	<10	2220
K273021		<0.01	<10	<10	14	<10	1830
K273022		0.06	<10	<10	311	<10	7450
K273023		<0.01	<10	<10	24	<10	1725
K273024		<0.01	<10	<10	16	<10	1250
K273025		<0.01	<10	<10	18	<10	821
K273026		<0.01	<10	<10	34	<10	452
K273027		<0.01	<10	<10	35	<10	318
K273028		0.01	<10	<10	41	<10	251
K273029		0.01	<10	<10	39	<10	224
K273030		<0.01	<10	<10	36	<10	396
K273031		<0.01	<10	<10	27	<10	588
K273032		<0.01	<10	<10	35	<10	1205
K273033		<0.01	<10	<10	7	<10	198
K273034		<0.01	<10	<10	11	<10	497
K273035		<0.01	<10	<10	37	<10	656
K273036		0.01	<10	<10	39	<10	275

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VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121047

Project: Klaza TR- 22

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121047

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
K273037		0.6	1.18	12	<10	250	0.8	<2	0.33	1.9	8	6	16	2.87	<10	<1
K273038		0.5	1.32	15	<10	240	0.8	<2	0.41	2.3	8	7	21	3.11	<10	<1
K273039		0.6	1.00	17	<10	410	0.7	<2	0.34	3.3	9	6	23	3.35	<10	<1
K273040		0.8	1.42	31	<10	590	0.6	<2	0.50	2.0	10	8	31	3.29	<10	<1
K273041		0.7	1.12	31	<10	520	0.6	<2	0.40	2.7	10	8	37	3.30	<10	1
K273042		3.3	1.23	68	<10	300	0.9	8	0.28	5.5	10	7	153	3.97	<10	<1
K273043		7.5	0.70	223	<10	450	0.9	11	0.14	5.1	5	3	244	5.39	<10	<1
K273044		2.0	0.80	74	<10	1150	0.8	4	0.15	5.8	8	6	115	4.36	<10	1
K273045		4.1	0.84	120	<10	1060	0.8	15	0.14	6.5	11	4	336	4.25	<10	<1
K273046		5.4	0.63	197	<10	600	0.7	12	0.10	9.2	11	5	215	4.40	<10	<1
K273047		7.0	0.96	259	<10	330	1.5	19	0.18	26.2	21	102	298	10.15	<10	1
K273048		6.9	0.65	289	<10	250	0.9	51	0.11	13.3	14	44	500	6.56	<10	1
K273049		11.1	0.62	272	<10	660	0.5	98	0.07	4.4	4	27	382	6.19	<10	1
K273050		7.2	0.69	175	<10	510	0.7	38	0.10	15.2	18	30	170	6.95	<10	<1
K273051		4.0	0.89	161	<10	500	1.2	16	0.15	49.8	25	48	308	7.01	<10	1
K273052		2.8	0.94	112	<10	1520	0.8	21	0.13	13.4	12	12	290	4.97	<10	1
K273053		2.7	0.89	110	<10	560	0.7	20	0.12	14.0	15	17	336	4.92	<10	1
K273054		1.7	0.73	59	<10	1540	0.7	11	0.16	9.1	11	7	158	4.06	<10	<1
K273055		2.2	0.80	73	<10	1410	0.7	13	0.15	8.6	11	6	188	3.82	<10	<1
K273056		2.4	0.76	75	<10	600	0.7	17	0.20	13.3	13	4	229	3.66	<10	<1
K273057		2.1	0.71	59	<10	1230	0.9	9	0.23	12.2	11	3	145	2.85	<10	<1
K273058		3.0	0.56	138	<10	1580	1.0	9	0.12	8.8	11	3	297	3.98	<10	<1
K273059		0.7	0.71	48	<10	270	0.8	2	0.21	6.9	8	3	79	3.11	<10	<1
K273060		<0.2	0.04	<2	<10	10	<0.5	<2	18.9	<0.5	1	<1	2	0.40	<10	<1
K273061		1.5	0.76	69	<10	1350	0.7	23	0.26	5.3	13	5	321	4.57	<10	<1
K273062		31.3	4.68	135	<10	50	<0.5	10	4.61	31.3	83	56	6720	8.32	10	1
K273063		2.3	0.76	124	<10	1330	0.8	37	0.15	5.0	15	5	543	4.57	<10	1
K273064		2.1	1.43	36	<10	1120	0.8	23	0.31	2.5	9	6	253	3.66	<10	1
K273065		1.3	0.98	74	<10	810	0.7	10	0.22	3.2	10	7	227	4.40	<10	<1
K273066		1.3	0.92	55	<10	500	0.5	7	0.26	2.3	9	11	97	3.32	<10	<1
K273067		0.6	1.04	26	<10	620	<0.5	2	0.30	1.5	7	9	44	2.86	<10	<1
K273068		1.0	1.14	41	<10	340	0.5	5	0.32	1.5	8	14	75	3.28	<10	<1
K273069		0.8	1.00	31	<10	320	<0.5	2	0.28	1.1	6	11	52	2.61	<10	<1
K273070		2.3	0.84	158	<10	440	0.6	5	0.14	2.1	7	7	70	3.62	<10	<1
K273071		2.7	0.75	107	<10	410	0.5	6	0.11	1.7	5	6	92	3.44	<10	<1
K273072		2.9	0.75	70	<10	480	<0.5	6	0.15	1.9	7	8	57	2.68	<10	<1

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CERTIFICATE OF ANALYSIS WH11121047

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
K273037		0.14	20	0.28	732	1	0.01	3	670	29	0.03	6	8	12	<20	0.01
K273038		0.13	30	0.26	938	1	0.01	3	710	27	0.01	4	9	16	<20	0.01
K273039		0.15	30	0.07	1295	2	0.01	4	820	33	0.03	3	9	13	20	0.01
K273040		0.18	20	0.46	795	1	0.05	4	640	48	0.09	5	7	28	<20	0.02
K273041		0.19	20	0.33	986	1	0.05	4	640	48	0.08	3	7	24	<20	0.01
K273042		0.24	30	0.25	1225	2	0.02	4	620	109	0.05	20	7	14	<20	0.01
K273043		0.41	40	0.04	341	3	0.01	2	470	355	0.28	30	5	30	<20	<0.01
K273044		0.24	20	0.05	1015	2	0.01	4	550	131	0.13	18	7	26	<20	<0.01
K273045		0.25	20	0.03	1065	3	0.01	4	580	140	0.14	86	6	30	<20	<0.01
K273046		0.28	20	0.03	1165	3	0.01	5	520	187	0.13	44	4	22	<20	<0.01
K273047		0.27	10	0.19	2650	3	0.01	62	680	409	0.36	37	13	13	<20	<0.01
K273048		0.29	10	0.03	1470	3	0.01	22	570	426	0.09	147	5	17	<20	<0.01
K273049		0.28	10	0.03	220	2	0.02	12	450	817	0.10	116	4	15	<20	<0.01
K273050		0.32	20	0.04	2000	2	0.02	19	630	561	0.10	21	5	14	<20	<0.01
K273051		0.29	20	0.04	5160	2	0.01	42	680	491	0.18	49	7	16	<20	<0.01
K273052		0.26	20	0.04	1150	3	<0.01	15	610	192	0.17	66	7	31	<20	<0.01
K273053		0.24	20	0.03	1215	3	0.01	16	560	195	0.11	82	7	20	<20	<0.01
K273054		0.22	20	0.04	1135	2	0.03	6	570	93	0.12	39	7	29	<20	<0.01
K273055		0.30	30	0.04	1245	1	0.03	2	610	107	0.11	41	6	21	<20	<0.01
K273056		0.32	30	0.05	1685	1	0.02	4	700	116	0.11	32	5	22	<20	<0.01
K273057		0.31	20	0.05	1895	2	0.03	4	720	99	0.08	24	4	31	<20	<0.01
K273058		0.23	20	0.04	1135	4	0.03	3	440	150	0.19	38	4	21	<20	<0.01
K273059		0.27	30	0.04	1505	<1	0.01	<1	560	55	0.03	18	7	18	<20	<0.01
K273060		0.02	<10	11.85	183	<1	0.01	<1	250	2	0.06	<2	<1	52	<20	<0.01
K273061		0.22	20	0.11	1720	1	0.03	1	590	47	0.08	67	7	27	<20	<0.01
K273062		0.24	10	1.14	620	48	0.34	302	640	8160	7.10	31	4	75	<20	0.05
K273063		0.20	20	0.05	1690	1	0.03	2	600	54	0.10	84	7	21	<20	<0.01
K273064		0.20	20	0.30	765	<1	0.03	2	690	40	0.07	20	7	21	<20	0.01
K273065		0.24	20	0.13	972	1	0.03	1	680	40	0.09	26	7	20	<20	0.01
K273066		0.22	20	0.18	813	1	0.03	4	610	58	0.07	15	5	23	<20	0.02
K273067		0.17	20	0.34	620	1	0.05	2	590	28	0.06	8	6	27	<20	0.04
K273068		0.22	20	0.35	584	1	0.06	5	580	51	0.06	8	5	28	<20	0.04
K273069		0.17	10	0.31	495	1	0.04	4	530	41	0.04	5	4	24	<20	0.04
K273070		0.28	20	0.10	575	2	0.02	1	450	118	0.11	10	5	22	<20	0.01
K273071		0.34	20	0.09	509	2	0.02	1	490	161	0.23	10	4	32	<20	0.01
K273072		0.25	20	0.15	618	1	0.03	2	450	120	0.10	6	3	21	<20	0.01

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121047

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
K273037		<10	<10	43	<10	183
K273038		<10	<10	47	<10	160
K273039		<10	<10	45	<10	217
K273040		<10	<10	47	<10	235
K273041		<10	<10	44	<10	246
K273042		<10	<10	37	<10	538
K273043		<10	<10	20	<10	914
K273044		<10	<10	33	<10	603
K273045		<10	<10	29	<10	647
K273046		<10	<10	23	<10	946
K273047		<10	<10	75	<10	2330
K273048		<10	<10	34	<10	1470
K273049		<10	<10	29	<10	1340
K273050		<10	<10	35	<10	1805
K273051		<10	<10	51	<10	2600
K273052		<10	<10	34	<10	922
K273053		<10	<10	35	<10	977
K273054		<10	<10	30	<10	645
K273055		<10	<10	26	<10	556
K273056		<10	<10	18	<10	519
K273057		<10	<10	11	<10	487
K273058		<10	<10	12	<10	595
K273059		<10	<10	21	<10	432
K273060		<10	<10	2	<10	14
K273061		<10	<10	33	<10	388
K273062		<10	10	306	<10	7330
K273063		<10	<10	39	<10	412
K273064		<10	<10	39	<10	226
K273065		<10	<10	37	<10	275
K273066		<10	<10	36	<10	269
K273067		<10	<10	44	<10	137
K273068		<10	<10	41	<10	172
K273069		<10	<10	38	<10	140
K273070		<10	<10	28	<10	436
K273071		<10	<10	24	<10	383
K273072		<10	<10	22	<10	315

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121048

Project: Klaza TR- 22

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Finalized Date: 23- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121048

Sample Description	Method	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
K273145		0.010	0.2	1.23	40	<10	1270	0.8	<2	0.63	3.8	4	13	7	2.44	<10
K273146		0.014	0.6	1.35	28	<10	770	1.4	<2	0.45	24.1	18	13	86	3.02	<10
K273147		0.042	1.3	0.68	80	<10	260	0.7	2	0.22	8.8	9	3	26	3.40	<10
K273148		0.029	1.8	0.96	46	<10	710	1.1	5	0.33	7.8	12	7	21	3.56	<10
K273149		0.089	2.6	0.87	153	<10	990	0.9	6	0.31	5.6	6	10	84	3.21	<10
K273150		0.056	2.7	0.50	149	<10	390	<0.5	4	0.07	2.3	1	4	19	3.04	<10
K273151		0.067	0.8	1.00	59	<10	240	0.8	4	0.19	18.8	23	3	88	4.25	<10
K273152		0.100	2.9	0.62	302	<10	310	<0.5	6	0.16	2.2	1	3	49	5.84	<10
K273153		0.237	8.6	0.30	130	<10	340	<0.5	14	0.06	13.5	7	12	34	2.95	<10
K273154		0.256	8.2	0.49	223	<10	270	<0.5	17	0.09	6.9	2	4	22	4.27	<10
K273155		0.059	0.3	1.20	29	<10	520	0.8	<2	0.24	32.5	11	8	140	3.25	<10
K273156		0.017	0.5	0.92	28	<10	1540	0.7	<2	0.27	70.6	15	8	54	3.30	<10
K273157		0.121	5.7	0.85	193	<10	180	<0.5	11	0.16	7.9	1	5	37	3.26	<10
K273158		0.314	14.4	0.45	152	<10	200	<0.5	23	0.04	1.7	<1	3	19	2.84	<10
K273159		0.182	2.1	0.82	308	<10	210	<0.5	3	0.22	4.9	1	3	61	5.92	<10
K273160		0.143	5.5	0.76	157	<10	230	<0.5	7	0.14	1.6	<1	3	65	3.60	<10
K273161		<0.005	0.2	0.04	4	<10	10	<0.5	3	19.1	<0.5	1	<1	<1	0.47	<10
K273162		0.034	1.1	0.98	58	<10	600	<0.5	4	0.15	3.6	1	5	133	2.66	<10
K273163		0.032	1.4	1.05	31	<10	280	<0.5	4	0.18	5.3	2	6	135	2.91	<10
K273164		0.045	1.4	1.30	47	<10	260	0.5	6	0.36	4.1	4	7	111	3.64	10
K273165		0.076	2.2	1.12	51	<10	740	<0.5	8	0.16	6.3	2	5	148	3.24	<10
K273166		0.054	1.9	1.10	70	<10	720	<0.5	4	0.13	4.9	1	5	170	2.75	<10
K273167		1.440	38.2	5.43	169	<10	50	<0.5	9	4.89	36.7	95	63	8690	8.80	10
K273168		0.121	3.6	0.79	149	<10	480	<0.5	7	0.15	6.5	3	7	260	3.56	<10
K273169		0.032	1.7	1.49	49	<10	630	<0.5	3	0.22	4.8	2	5	120	3.22	<10
K273170		0.148	3.6	1.14	149	<10	190	<0.5	5	0.17	2.6	1	3	68	4.79	<10
K273171		0.055	2.3	1.17	114	<10	1170	1.0	2	0.16	23.7	12	6	180	3.62	<10
K273172		2.51	>100	0.72	1190	<10	170	0.7	1275	0.11	18.8	2	3	1975	8.44	<10
K273173		0.465	34.5	0.76	544	<10	170	0.5	96	0.16	4.6	1	4	395	5.71	<10
K273174		0.041	2.9	0.93	171	<10	720	0.8	8	0.18	25.0	18	3	198	3.38	<10
K273175		0.020	0.5	1.40	39	<10	310	0.8	<2	0.24	12.8	15	6	20	3.58	<10
K273176		0.030	0.5	1.10	47	<10	950	1.1	2	0.25	19.9	11	5	13	4.05	<10
K273177		0.052	1.3	1.40	82	<10	390	1.0	<2	0.28	16.9	11	5	61	3.80	<10
K273178		0.133	2.6	0.81	170	<10	710	1.0	2	0.22	31.1	8	3	144	4.58	<10
K273179		0.016	0.2	1.47	13	<10	550	0.9	<2	0.57	18.5	11	5	30	3.02	<10
K273180		0.026	0.7	0.99	38	<10	1000	0.7	<2	0.22	2.8	12	4	26	3.16	<10

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121048

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
K273145		<1	0.40	10	0.07	1445	2	0.05	8	570	17	0.06	3	5	35	<20
K273146		1	0.44	10	0.07	3640	12	0.03	20	490	105	0.05	8	5	32	<20
K273147		<1	0.38	20	0.05	2050	4	0.01	3	580	201	0.40	7	5	17	<20
K273148		<1	0.38	20	0.06	1565	3	0.02	7	630	289	0.11	6	6	23	<20
K273149		<1	0.33	10	0.06	1140	4	0.03	11	500	191	0.14	22	5	29	<20
K273150		<1	0.40	20	0.03	210	10	0.02	<1	210	512	0.31	17	2	14	<20
K273151		<1	0.38	20	0.04	1760	1	0.01	<1	730	55	0.20	8	6	15	<20
K273152		<1	0.68	20	0.05	412	5	0.02	<1	480	262	0.94	11	3	32	<20
K273153		<1	0.18	10	0.02	1730	23	0.02	1	180	312	0.83	10	1	18	<20
K273154		<1	0.64	10	0.04	2220	17	0.02	<1	300	545	1.06	11	2	29	<20
K273155		<1	0.10	10	0.03	2700	1	0.02	4	680	29	0.07	5	7	28	<20
K273156		<1	0.19	10	0.05	6050	3	0.05	8	540	44	0.07	8	5	38	<20
K273157		<1	0.67	10	0.04	118	5	0.02	<1	300	410	0.85	26	2	92	<20
K273158		<1	0.71	10	0.02	103	1	0.02	<1	190	636	0.87	16	1	36	<20
K273159		<1	0.94	20	0.05	139	2	0.02	<1	780	334	1.35	12	4	41	<20
K273160		<1	0.73	20	0.04	56	1	0.02	<1	360	273	0.97	15	3	33	<20
K273161		<1	0.02	<10	12.00	202	<1	0.01	<1	170	3	0.09	3	<1	43	<20
K273162		<1	0.27	20	0.04	78	2	0.01	2	760	97	0.18	7	5	22	<20
K273163		<1	0.21	10	0.17	192	2	0.03	2	400	75	0.06	14	5	17	<20
K273164		<1	0.23	10	0.65	312	2	0.07	4	660	105	0.16	5	7	35	<20
K273165		<1	0.30	10	0.26	194	3	0.02	2	530	156	0.16	6	5	21	<20
K273166		1	0.34	20	0.04	108	1	0.02	2	590	160	0.28	11	5	27	<20
K273167		1	0.25	<10	1.18	676	52	0.37	356	730	>10000	8.57	33	4	86	<20
K273168		<1	0.45	30	0.04	164	15	0.01	3	620	270	0.48	11	4	32	<20
K273169		<1	0.30	10	0.23	139	<1	0.03	2	850	177	0.25	6	4	25	<20
K273170		<1	0.72	20	0.07	97	8	0.03	1	600	436	1.21	12	5	51	<20
K273171		<1	0.25	20	0.03	1285	7	0.03	4	580	220	0.12	24	9	28	<20
K273172		5	0.40	20	0.04	864	18	0.02	2	480	1460	0.37	489	4	19	<20
K273173		3	0.55	20	0.04	171	10	0.02	2	450	299	0.70	228	3	33	<20
K273174		1	0.35	30	0.05	2270	5	0.03	3	520	118	0.10	17	7	21	<20
K273175		<1	0.19	20	0.09	772	<1	0.02	2	650	16	<0.01	7	11	12	20
K273176		<1	0.30	40	0.06	1470	2	0.03	3	730	36	0.07	4	8	16	20
K273177		<1	0.27	30	0.20	2650	<1	0.02	3	650	103	0.05	6	7	17	20
K273178		<1	0.35	30	0.06	3480	1	0.02	2	670	436	0.11	5	6	23	<20
K273179		<1	0.22	30	0.19	1630	<1	0.03	3	650	18	0.07	2	8	23	<20
K273180		1	0.31	30	0.04	1865	<1	0.03	2	560	48	0.21	4	6	20	<20

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Finalized Date: 23- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 22

CERTIFICATE OF ANALYSIS WH11121048

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	1	0.001
K273145		<0.01	<10	<10	31	<10	296		
K273146		<0.01	<10	<10	25	<10	933		
K273147		<0.01	<10	<10	18	<10	742		
K273148		<0.01	<10	<10	28	<10	957		
K273149		<0.01	<10	<10	23	<10	693		
K273150		<0.01	<10	<10	11	<10	420		
K273151		<0.01	<10	10	20	<10	1040		
K273152		<0.01	<10	<10	19	<10	507		
K273153		<0.01	<10	<10	8	<10	306		
K273154		<0.01	<10	<10	10	<10	183		
K273155		<0.01	<10	<10	36	<10	1230		
K273156		<0.01	<10	10	27	<10	2190		
K273157		<0.01	<10	<10	13	<10	222		
K273158		<0.01	<10	<10	9	<10	55		
K273159		<0.01	<10	<10	20	<10	367		
K273160		<0.01	<10	<10	15	<10	101		
K273161		<0.01	<10	<10	2	<10	16		
K273162		<0.01	<10	10	35	<10	193		
K273163		<0.01	<10	<10	40	<10	501		
K273164		0.02	<10	<10	50	<10	348		
K273165		<0.01	<10	<10	32	<10	415		
K273166		<0.01	<10	<10	31	<10	235		
K273167		0.06	<10	<10	342	20	9020		0.871
K273168		<0.01	<10	<10	20	<10	301		
K273169		<0.01	<10	<10	33	<10	235		
K273170		<0.01	<10	<10	25	<10	261		
K273171		<0.01	<10	<10	36	<10	1010		
K273172		<0.01	<10	10	22	<10	888	260	
K273173		<0.01	<10	<10	19	<10	491		
K273174		<0.01	<10	<10	25	<10	774		
K273175		<0.01	<10	<10	38	<10	524		
K273176		<0.01	<10	<10	34	<10	813		
K273177		<0.01	<10	<10	34	<10	1130		
K273178		<0.01	<10	<10	21	<10	1740		
K273179		<0.01	<10	<10	39	<10	1430		
K273180		<0.01	<10	<10	28	<10	770		

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VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121126

Project: Klaza TR- 28

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11121126

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273587		4.73	<0.005	<0.2	1.24	9	<10	770	0.5	<2	1.49	<0.5	6	8	1	2.73
K273588		4.86	<0.005	<0.2	1.10	11	<10	160	0.5	<2	1.13	<0.5	5	7	3	2.64
K273589		1.99	<0.005	<0.2	0.93	8	<10	200	<0.5	<2	2.25	<0.5	9	6	11	2.45
K273590		3.13	<0.005	0.2	1.13	11	<10	120	0.5	<2	1.73	<0.5	9	6	17	2.82
K273591		1.98	<0.005	<0.2	1.07	10	<10	330	0.5	<2	1.59	<0.5	6	6	1	2.87
K273592		3.54	<0.005	<0.2	1.01	10	<10	180	0.6	<2	1.05	<0.5	4	8	1	2.73
K273593		2.44	<0.005	<0.2	0.89	12	<10	290	0.5	<2	1.60	<0.5	6	6	2	2.90
K273594		2.19	0.005	0.3	0.51	22	<10	680	0.6	<2	2.09	0.7	8	4	2	3.16
K273595		2.81	0.032	0.4	0.53	35	<10	910	0.6	<2	1.33	<0.5	11	3	1	3.31
K273596		3.90	<0.005	0.3	0.79	17	<10	1180	1.6	<2	0.88	<0.5	7	5	5	2.13
K273597		2.44	<0.005	0.2	0.62	26	<10	1060	0.6	<2	2.79	<0.5	14	3	2	3.05
K273598		3.65	<0.005	0.3	0.69	14	<10	1920	0.7	2	1.61	<0.5	6	4	2	2.66
K273599		2.54	<0.005	<0.2	1.19	18	<10	320	0.6	<2	0.69	<0.5	5	6	1	2.77
K273600		2.17	<0.005	<0.2	0.95	12	<10	320	0.6	<2	1.67	<0.5	4	6	<1	2.72
K273642		2.74	0.007	0.3	1.58	65	<10	540	1.4	<2	1.02	<0.5	8	8	4	4.65
K273643		2.33	<0.005	0.2	0.91	26	<10	630	0.9	<2	0.40	<0.5	6	5	3	2.89
K273644		3.04	0.006	<0.2	1.25	19	<10	180	0.7	<2	0.55	<0.5	7	6	2	2.76
K273645		2.60	<0.005	0.2	1.32	19	<10	190	0.8	<2	0.57	<0.5	7	6	2	2.87
K273646		0.13	1.680	33.9	4.72	147	<10	60	<0.5	20	4.60	31.5	90	56	6850	8.18
K273647		4.69	<0.005	0.3	1.01	22	<10	280	0.6	<2	0.76	0.5	6	6	16	2.80
K273648		3.30	0.083	1.1	0.55	193	<10	1030	0.7	<2	1.34	2.5	13	4	4	3.08
K273649		3.19	0.093	0.6	0.83	259	<10	580	0.6	<2	0.69	0.6	11	5	2	2.95
K273650		2.56	0.035	0.3	0.80	81	<10	370	0.8	<2	0.71	<0.5	8	5	4	2.73
K273651		2.67	0.012	0.4	0.76	89	<10	330	0.8	<2	0.48	0.5	8	4	6	2.70
K273652		4.10	0.306	2.9	0.58	878	<10	680	0.8	<2	0.46	4.7	7	4	12	3.02
K273653		2.43	<0.005	<0.2	0.04	3	<10	20	<0.5	<2	18.6	<0.5	1	<1	<1	0.45
K273654		4.65	0.007	0.2	0.80	33	<10	280	0.6	<2	0.83	<0.5	6	6	9	2.51
K273655		3.90	<0.005	<0.2	1.05	11	<10	180	0.5	<2	0.65	<0.5	6	6	2	2.69
K273656		3.21	<0.005	0.2	1.37	7	<10	210	0.6	<2	0.56	<0.5	6	7	10	2.68
K273657		3.83	<0.005	0.2	1.25	16	<10	500	0.5	<2	0.47	<0.5	5	6	9	2.65
K273658		3.75	0.005	0.2	1.18	14	<10	260	0.6	<2	0.37	<0.5	5	7	18	2.84
K273659		3.44	<0.005	0.2	1.23	8	<10	170	<0.5	<2	0.66	<0.5	6	7	26	2.73
K273660		4.04	<0.005	0.2	0.99	16	<10	240	0.6	2	0.42	<0.5	6	6	22	2.86
K273661		3.25	<0.005	0.3	0.94	17	<10	230	0.7	<2	0.31	<0.5	6	5	19	2.73
K273662		2.22	<0.005	<0.2	1.15	7	<10	150	0.5	<2	0.27	<0.5	5	7	7	2.65
K273663		3.11	0.026	0.4	0.62	72	<10	590	0.9	<2	0.26	0.5	7	4	18	3.05

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11121126

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273587		10	<1	0.18	30	0.66	813	<1	0.06	1	590	18	0.04	3	5	53
K273588		<10	<1	0.16	30	0.56	746	<1	0.05	<1	570	15	0.01	4	6	38
K273589		<10	<1	0.17	20	0.49	655	<1	0.06	<1	560	16	0.03	4	6	89
K273590		10	1	0.16	20	0.61	700	<1	0.06	<1	630	17	0.02	4	7	56
K273591		<10	<1	0.23	20	0.52	773	<1	0.06	<1	610	16	0.02	<2	5	49
K273592		<10	<1	0.18	30	0.44	669	<1	0.05	<1	590	9	0.01	2	6	35
K273593		<10	1	0.20	20	0.31	1135	<1	0.03	<1	590	12	0.11	<2	6	40
K273594		<10	1	0.27	20	0.09	2990	1	0.03	<1	510	33	0.21	2	3	40
K273595		<10	1	0.29	20	0.07	2480	<1	0.03	<1	550	29	0.31	3	3	28
K273596		<10	1	0.31	10	0.12	1345	<1	0.03	2	620	10	0.08	3	5	54
K273597		<10	<1	0.30	30	0.14	1825	<1	0.04	<1	480	13	0.35	2	3	72
K273598		<10	<1	0.29	30	0.14	843	<1	0.06	<1	530	14	0.13	<2	4	49
K273599		<10	<1	0.20	30	0.49	587	<1	0.04	<1	600	13	0.02	3	6	25
K273600		<10	<1	0.17	30	0.38	633	<1	0.05	<1	570	15	0.02	2	7	66
K273642		<10	<1	0.35	50	0.36	1080	1	0.05	1	1110	23	0.03	5	13	40
K273643		<10	<1	0.20	30	0.14	862	1	0.03	<1	640	14	0.02	4	9	20
K273644		<10	<1	0.14	20	0.42	587	1	0.04	<1	560	12	0.01	2	6	22
K273645		<10	<1	0.15	20	0.44	611	1	0.04	<1	580	13	0.01	3	7	23
K273646		10	2	0.24	10	1.14	621	48	0.35	309	660	8160	7.25	31	4	77
K273647		<10	<1	0.20	20	0.42	1735	1	0.05	<1	580	40	0.04	3	6	32
K273648		<10	<1	0.27	20	0.06	3100	2	0.03	<1	550	77	0.27	5	3	29
K273649		<10	<1	0.23	20	0.30	2780	1	0.03	<1	560	41	0.36	7	4	29
K273650		<10	<1	0.25	20	0.17	1810	1	0.04	<1	590	20	0.12	5	7	28
K273651		<10	<1	0.22	30	0.08	1180	1	0.02	<1	590	16	0.05	5	8	21
K273652		<10	<1	0.26	30	0.06	6380	1	0.03	<1	560	121	0.43	19	6	27
K273653		<10	1	0.02	<10	11.70	212	<1	0.02	<1	180	<2	0.03	2	<1	46
K273654		<10	1	0.18	20	0.30	900	1	0.05	<1	570	21	0.03	6	6	27
K273655		<10	1	0.15	30	0.48	552	<1	0.04	<1	590	14	0.01	2	6	20
K273656		10	<1	0.14	20	0.58	562	<1	0.05	<1	580	11	0.01	2	7	23
K273657		10	<1	0.18	30	0.60	959	<1	0.05	<1	590	16	0.04	<2	6	23
K273658		<10	<1	0.14	30	0.43	878	1	0.05	<1	630	15	0.02	4	8	20
K273659		<10	<1	0.13	20	0.64	601	1	0.08	<1	620	10	0.03	3	6	28
K273660		<10	1	0.16	20	0.42	863	1	0.05	<1	620	18	0.06	5	7	20
K273661		<10	<1	0.17	30	0.20	850	1	0.03	<1	650	14	0.03	6	9	16
K273662		<10	1	0.15	30	0.41	513	<1	0.04	<1	650	14	0.03	4	7	13
K273663		<10	<1	0.24	40	0.07	2210	<1	0.02	4	590	28	0.11	9	7	21

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11121126

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273587		<20	0.01	<10	<10	38	<10	80
K273588		20	0.01	<10	<10	42	<10	62
K273589		<20	0.01	<10	<10	42	<10	52
K273590		<20	0.01	<10	<10	47	<10	63
K273591		<20	0.01	<10	<10	42	<10	64
K273592		20	0.01	<10	<10	44	<10	47
K273593		<20	<0.01	<10	<10	40	<10	48
K273594		<20	<0.01	<10	<10	18	<10	138
K273595		<20	<0.01	<10	<10	15	<10	89
K273596		<20	<0.01	<10	<10	22	<10	40
K273597		<20	<0.01	<10	<10	23	<10	49
K273598		20	<0.01	<10	<10	30	<10	59
K273599		20	0.01	<10	<10	38	<10	49
K273600		20	<0.01	<10	<10	39	<10	51
K273642		30	<0.01	<10	<10	62	<10	79
K273643		20	0.01	<10	<10	42	<10	47
K273644		20	0.01	<10	<10	40	<10	48
K273645		20	0.01	<10	<10	42	<10	49
K273646		<20	0.06	<10	<10	312	<10	7220
K273647		<20	0.01	<10	<10	39	<10	84
K273648		<20	<0.01	<10	<10	17	<10	191
K273649		<20	<0.01	<10	<10	24	<10	112
K273650		<20	0.01	<10	<10	30	<10	57
K273651		<20	<0.01	<10	<10	33	<10	63
K273652		<20	<0.01	<10	<10	18	<10	346
K273653		<20	<0.01	<10	<10	2	<10	15
K273654		<20	0.01	<10	<10	35	<10	62
K273655		<20	0.01	<10	<10	41	<10	54
K273656		<20	0.01	<10	<10	45	<10	49
K273657		<20	0.01	<10	<10	42	<10	58
K273658		20	0.01	<10	<10	49	<10	56
K273659		<20	0.04	<10	<10	53	<10	49
K273660		<20	0.01	<10	<10	42	<10	58
K273661		20	0.01	<10	<10	43	<10	53
K273662		20	0.01	<10	<10	49	<10	44
K273663		<20	<0.01	<10	<10	23	<10	57

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Finalized Date: 20- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121127

Project: Klaza TR- 27

P.O. No.: Batch 4

This report is for 4 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11121127

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274060		3.50	0.020	<0.2	0.87	84	<10	1340	0.6	2	0.43	4.3	9	5	8	4.49
K274061		2.89	0.005	<0.2	0.81	68	<10	380	0.6	<2	0.28	3.6	4	8	10	3.15
K274062		1.92	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	18.8	<0.5	1	<1	<1	0.45
K274063		6.50	0.013	1.2	0.81	69	<10	610	0.7	2	1.28	6.7	7	4	12	3.04

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Finalized Date: 20- JUL- 2011
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Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11121127

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274060		<10	<1	0.30	30	0.30	1625	1	0.03	2	770	13	0.16	4	7	24
K274061		<10	<1	0.21	30	0.27	919	1	0.03	3	600	14	<0.01	4	8	19
K274062		<10	1	0.02	<10	11.80	200	<1	0.03	2	160	<2	0.07	2	<1	47
K274063		<10	<1	0.21	20	0.24	1445	1	0.02	1	570	306	0.04	4	5	38

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Finalized Date: 20- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11121127

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274060		<20	<0.01	<10	<10	39	<10	367
K274061		<20	<0.01	<10	<10	42	<10	291
K274062		<20	<0.01	<10	<10	2	<10	19
K274063		<20	<0.01	<10	<10	29	<10	611

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121128

Project: Klaza- DDH- 12

P.O. No.: Batch 5

This report is for 12 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11121128

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271145		8.35	<0.005	0.2	0.72	9	<10	360	0.5	<2	1.89	<0.5	8	7	6	3.03
K271146		0.14	1.505	31.7	5.01	143	<10	40	<0.5	8	4.59	31.5	88	57	7220	8.50
K271147		4.36	<0.005	0.2	0.64	7	<10	900	0.6	<2	1.29	<0.5	6	6	30	2.73
K271148		11.69	<0.005	<0.2	1.30	3	<10	200	<0.5	<2	1.71	<0.5	6	11	13	2.62
K271149		11.71	<0.005	<0.2	1.39	4	<10	250	<0.5	<2	1.15	<0.5	6	16	13	2.62
K271150		7.19	<0.005	<0.2	1.20	4	<10	220	<0.5	<2	1.30	<0.5	6	10	11	2.60
K271151		2.86	<0.005	<0.2	1.08	4	<10	120	0.5	<2	2.08	<0.5	6	10	11	3.02
K271152		4.04	<0.005	0.5	0.60	8	<10	850	0.6	<2	1.66	4.2	7	6	27	2.86
K271153		3.11	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	19.2	<0.5	<1	1	1	0.47
K271154		2.30	<0.005	<0.2	1.00	6	<10	100	<0.5	<2	1.68	<0.5	7	8	20	2.82
K271155		10.79	<0.005	<0.2	1.30	4	<10	160	<0.5	<2	1.16	<0.5	5	13	9	2.71
K271156		9.88	<0.005	<0.2	1.21	4	<10	170	<0.5	<2	1.05	<0.5	5	15	10	2.43

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11121128

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271145		<10	<1	0.21	20	0.55	718	1	0.04	2	540	20	0.78	<2	7	101
K271146		10	1	0.25	10	1.17	627	47	0.35	309	660	8080	7.43	28	4	78
K271147		<10	<1	0.18	10	0.41	688	1	0.02	3	500	21	0.20	<2	8	107
K271148		10	<1	0.15	20	0.64	507	1	0.08	2	580	14	0.04	<2	4	63
K271149		10	<1	0.18	20	0.59	368	1	0.10	1	590	14	0.05	<2	3	49
K271150		10	<1	0.19	20	0.58	438	1	0.10	2	550	12	0.04	<2	4	65
K271151		<10	1	0.17	30	0.68	593	1	0.06	2	580	12	0.03	<2	7	86
K271152		<10	<1	0.22	20	0.52	927	1	0.03	2	500	84	0.15	6	8	111
K271153		<10	1	0.02	<10	12.05	208	<1	0.02	2	170	6	0.03	<2	<1	48
K271154		10	<1	0.15	20	0.63	540	1	0.06	2	600	12	0.10	<2	7	72
K271155		10	<1	0.16	20	0.63	386	1	0.11	2	590	11	0.04	<2	4	53
K271156		10	<1	0.15	20	0.56	349	2	0.10	1	550	12	0.03	<2	3	48

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Finalized Date: 18- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11121128

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271145		<20	<0.01	<10	<10	34	<10	52	<1
K271146		<20	0.06	<10	10	320	<10	7640	31
K271147		<20	<0.01	<10	<10	33	<10	67	<1
K271148		<20	0.10	<10	<10	51	<10	34	<1
K271149		<20	0.15	<10	<10	56	<10	33	<1
K271150		<20	0.11	<10	<10	50	<10	32	<1
K271151		20	0.03	<10	<10	48	<10	37	<1
K271152		<20	<0.01	<10	<10	33	<10	419	<1
K271153		<20	<0.01	<10	<10	2	<10	18	<1
K271154		20	0.02	<10	<10	46	<10	41	2
K271155		<20	0.14	<10	<10	55	<10	32	<1
K271156		<20	0.14	<10	<10	51	<10	28	<1

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11121670

Project: Klaza TR- 28

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29- JUN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11121670

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273551		3.52	0.052	0.2	0.61	35	<10	1090	0.6	<2	0.24	<0.5	10	7	17	2.80
K273552		4.04	0.016	0.2	0.46	23	<10	690	0.5	<2	0.19	<0.5	11	6	11	2.80
K273553		3.37	0.020	0.6	0.50	21	<10	860	0.5	3	0.20	<0.5	33	6	10	3.35
K273554		3.21	0.027	0.8	0.54	40	<10	550	0.6	4	0.38	<0.5	39	6	11	4.03
K273555		3.25	0.036	0.9	0.41	35	<10	490	0.5	2	0.44	<0.5	24	4	29	3.75
K273556		3.13	0.014	0.6	0.45	31	<10	1420	0.6	<2	0.76	<0.5	17	3	9	3.35
K273557		3.07	0.007	0.6	0.43	40	<10	530	0.5	<2	0.74	<0.5	8	3	100	2.53
K273558		3.19	0.007	0.5	0.36	21	<10	640	<0.5	<2	0.55	1.1	8	4	28	2.27
K273559		2.32	<0.005	0.2	0.40	19	<10	760	0.5	<2	1.09	<0.5	7	3	22	2.48
K273560		3.54	0.006	0.6	0.44	51	<10	520	0.6	<2	0.64	<0.5	4	4	87	2.81
K273561		3.98	0.020	0.9	0.41	112	<10	520	0.6	<2	0.39	<0.5	9	2	164	2.92
K273562		4.84	0.020	0.5	0.43	61	<10	1230	0.6	<2	1.06	<0.5	5	3	21	2.85
K273563		4.41	0.007	0.5	0.47	18	<10	560	0.5	<2	1.25	<0.5	12	3	6	2.86
K273564		2.78	<0.005	0.2	0.48	12	<10	1160	0.5	<2	1.95	<0.5	7	3	9	2.26
K273565		2.92	0.009	0.2	0.83	32	<10	1620	0.7	<2	2.57	<0.5	10	4	13	3.06
K273566		3.02	0.010	0.2	0.71	11	<10	920	0.6	2	1.21	<0.5	8	5	19	2.57
K273567		3.25	0.016	0.3	0.60	19	<10	1270	0.7	<2	1.09	<0.5	16	5	41	3.16
K273568		3.12	<0.005	0.4	0.50	6	<10	820	0.6	<2	2.15	<0.5	11	4	5	2.57
K273569		2.72	<0.005	<0.2	0.48	22	<10	2090	0.6	<2	4.05	<0.5	7	3	39	2.87
K273570		3.21	0.006	0.2	0.57	21	<10	1130	0.6	<2	2.74	<0.5	12	4	25	2.97
K273571		2.36	0.007	<0.2	0.46	8	<10	1150	0.5	<2	2.25	<0.5	2	3	9	2.20
K273572		3.88	<0.005	<0.2	1.01	6	<10	200	0.6	<2	1.40	<0.5	3	7	7	2.80
K273573		2.87	0.005	<0.2	0.59	7	<10	1770	0.6	<2	2.18	<0.5	7	4	5	2.69
K273574		2.91	<0.005	<0.2	0.95	8	<10	470	0.5	<2	0.97	<0.5	5	6	14	2.75
K273575		2.55	<0.005	<0.2	0.62	11	<10	250	0.7	<2	1.03	<0.5	2	5	11	2.61
K273576		4.76	<0.005	<0.2	1.07	6	<10	240	0.5	<2	1.55	<0.5	3	6	7	2.69
K273577		3.12	<0.005	<0.2	1.04	6	<10	640	0.5	<2	1.36	<0.5	8	5	5	2.50
K273578		2.52	<0.005	<0.2	1.42	11	<10	490	0.5	<2	1.72	<0.5	11	6	1	3.18
K273579		2.37	<0.005	<0.2	0.03	4	<10	20	<0.5	<2	20.3	<0.5	<1	1	1	0.46
K273580		5.33	<0.005	<0.2	1.15	10	<10	700	0.5	<2	2.34	<0.5	11	6	7	3.16
K273581		2.32	<0.005	<0.2	0.80	5	<10	630	0.6	<2	1.08	<0.5	3	5	7	2.28
K273582		3.99	<0.005	<0.2	0.89	10	<10	360	0.6	<2	0.98	<0.5	4	6	4	2.64
K273583		2.59	0.031	1.0	0.52	67	<10	1070	0.8	<2	0.41	0.6	6	3	19	3.58
K273584		3.54	0.013	0.4	0.70	28	<10	490	0.7	<2	0.85	<0.5	7	6	22	2.83
K273585		0.13	1.470	35.7	5.02	165	<10	40	<0.5	<2	4.63	34.1	88	58	7970	8.28
K273586		2.44	0.005	0.3	0.90	10	<10	340	0.6	<2	1.34	<0.5	6	7	10	2.73

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Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11121670

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273551		<10	<1	0.21	20	0.11	1380	<1	0.03	5	580	16	0.06	4	4	20
K273552		<10	<1	0.19	20	0.04	1330	<1	0.01	3	560	10	0.08	2	5	15
K273553		<10	<1	0.27	20	0.05	1535	<1	0.02	4	570	15	0.29	<2	3	17
K273554		<10	<1	0.31	10	0.05	1745	<1	0.02	4	550	13	0.38	<2	3	18
K273555		<10	<1	0.24	10	0.06	1990	<1	0.01	4	510	24	0.50	8	3	15
K273556		<10	<1	0.26	20	0.06	2320	<1	0.02	3	490	31	0.18	3	3	18
K273557		<10	<1	0.20	20	0.05	1430	<1	0.01	2	580	19	0.16	14	3	19
K273558		<10	<1	0.23	10	0.04	1490	<1	0.01	2	530	34	0.20	5	3	15
K273559		<10	<1	0.23	10	0.06	1600	<1	0.02	1	530	20	0.15	2	3	24
K273560		<10	<1	0.26	20	0.05	2200	1	0.01	2	520	16	0.07	8	3	16
K273561		<10	<1	0.26	10	0.04	2740	<1	0.01	3	530	19	0.46	19	3	20
K273562		<10	<1	0.26	20	0.12	2420	<1	0.02	1	520	18	0.26	7	3	38
K273563		<10	<1	0.26	10	0.07	1145	<1	0.02	1	550	16	0.49	<2	3	31
K273564		<10	<1	0.23	20	0.11	1135	<1	0.02	1	580	12	0.11	3	3	47
K273565		<10	<1	0.21	30	0.33	954	<1	0.04	2	610	9	0.13	2	5	54
K273566		<10	<1	0.21	20	0.28	642	<1	0.04	3	540	13	0.21	2	4	44
K273567		<10	<1	0.24	20	0.11	967	<1	0.04	3	670	11	0.19	2	4	40
K273568		<10	<1	0.28	30	0.10	894	<1	0.03	1	540	7	0.09	<2	3	64
K273569		<10	<1	0.24	20	0.18	1470	<1	0.04	1	520	8	0.13	7	3	72
K273570		<10	1	0.25	20	0.14	1420	<1	0.02	2	510	8	0.16	5	4	35
K273571		<10	<1	0.25	20	0.12	1265	<1	0.03	1	380	4	0.05	2	2	52
K273572		<10	<1	0.19	30	0.47	596	<1	0.05	2	590	7	0.01	2	6	53
K273573		<10	<1	0.27	30	0.19	968	<1	0.05	3	560	8	0.09	<2	4	71
K273574		<10	<1	0.19	30	0.41	587	<1	0.04	2	610	7	0.03	<2	5	35
K273575		<10	<1	0.18	30	0.12	702	<1	0.03	1	620	6	0.01	4	6	26
K273576		<10	<1	0.14	30	0.50	542	<1	0.03	2	590	13	0.01	<2	5	57
K273577		<10	<1	0.16	30	0.47	537	<1	0.04	2	560	13	0.04	4	4	54
K273578		10	<1	0.17	30	0.74	683	<1	0.05	1	610	15	0.06	5	5	63
K273579		<10	<1	0.01	<10	12.30	213	<1	0.02	1	190	<2	0.08	<2	<1	53
K273580		<10	<1	0.16	30	0.60	985	<1	0.05	2	610	12	0.06	4	5	86
K273581		<10	<1	0.16	30	0.26	549	<1	0.04	1	560	8	0.02	3	5	45
K273582		<10	<1	0.19	30	0.34	1090	<1	0.04	2	590	12	0.01	<2	6	33
K273583		<10	<1	0.27	30	0.07	12100	2	0.03	2	580	30	0.12	6	5	49
K273584		<10	<1	0.21	30	0.23	1990	<1	0.03	3	570	17	0.06	5	5	28
K273585		10	1	0.24	<10	1.14	637	52	0.33	341	730	9230	8.20	31	4	79
K273586		<10	<1	0.17	30	0.45	859	1	0.04	2	600	14	0.04	3	6	42

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11121670

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273551		<20	0.01	<10	<10	27	<10	60
K273552		<20	<0.01	<10	<10	25	<10	53
K273553		<20	<0.01	<10	<10	18	<10	53
K273554		<20	<0.01	<10	<10	16	<10	47
K273555		<20	<0.01	<10	<10	17	<10	63
K273556		<20	<0.01	<10	<10	18	<10	66
K273557		<20	<0.01	<10	<10	14	<10	68
K273558		<20	<0.01	<10	<10	10	<10	106
K273559		<20	<0.01	<10	<10	12	<10	101
K273560		<20	<0.01	<10	<10	12	<10	71
K273561		<20	<0.01	<10	<10	10	<10	93
K273562		<20	<0.01	<10	<10	12	<10	90
K273563		<20	<0.01	<10	<10	12	<10	41
K273564		<20	<0.01	<10	<10	15	<10	43
K273565		<20	<0.01	<10	<10	34	<10	56
K273566		<20	<0.01	<10	<10	29	<10	53
K273567		<20	<0.01	<10	<10	36	<10	66
K273568		<20	<0.01	<10	<10	21	<10	52
K273569		<20	<0.01	<10	<10	22	<10	59
K273570		<20	<0.01	<10	<10	20	<10	58
K273571		20	<0.01	<10	<10	11	<10	35
K273572		<20	0.01	<10	<10	41	<10	43
K273573		<20	<0.01	<10	<10	29	<10	53
K273574		<20	<0.01	<10	<10	36	<10	48
K273575		<20	<0.01	<10	<10	34	<10	54
K273576		<20	0.01	<10	<10	41	<10	52
K273577		20	<0.01	<10	<10	35	<10	61
K273578		<20	0.01	<10	<10	49	<10	72
K273579		<20	<0.01	<10	10	2	<10	21
K273580		20	0.01	<10	<10	41	<10	67
K273581		20	0.01	<10	<10	33	<10	45
K273582		20	<0.01	<10	<10	35	<10	68
K273583		<20	<0.01	<10	<10	17	<10	82
K273584		<20	<0.01	<10	<10	32	<10	77
K273585		<20	0.06	<10	<10	318	<10	8250
K273586		<20	<0.01	<10	<10	40	<10	67

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11124936

Project: Klaza- DDH- 13

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11124936

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271337		2.81	<0.005	0.2	0.95	6	<10	200	<0.5	<2	1.56	<0.5	5	9	6	2.57
K271338		8.66	0.007	0.6	0.71	26	<10	490	0.9	<2	2.86	<0.5	6	5	17	2.59
K271339		5.94	0.007	0.4	1.07	29	<10	190	0.5	<2	1.40	<0.5	6	9	14	2.67
K271340		8.24	<0.005	0.2	1.21	4	<10	1110	0.7	<2	1.93	<0.5	6	7	11	2.99
K271341		12.03	0.068	1.1	0.60	124	<10	270	0.8	<2	2.43	4.2	7	6	6	3.71
K271342		2.57	<0.005	<0.2	0.04	<2	<10	30	<0.5	<2	19.2	<0.5	1	<1	<1	0.47
K271343		6.17	<0.005	0.4	0.92	11	<10	1820	0.7	<2	1.84	<0.5	6	6	7	2.84
K271344		8.69	0.141	1.3	0.54	249	<10	180	0.8	<2	2.12	1.1	6	5	5	2.97
K271345		5.67	0.093	5.0	0.48	97	<10	60	<0.5	<2	2.31	36.5	7	7	24	3.17
K271346		6.90	0.608	22.0	0.46	1340	<10	30	<0.5	8	1.01	125.5	8	5	171	4.71
K271347		1.37	2.25	87.1	0.28	659	<10	20	<0.5	2	2.90	133.5	22	5	500	6.07
K271348		2.99	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	18.7	<0.5	1	<1	11	0.45
K271349		4.61	1.645	61.4	0.47	2980	<10	50	<0.5	<2	1.08	122.5	6	5	424	4.71
K271350		5.89	2.76	13.2	0.49	4920	<10	40	0.6	<2	1.87	54.6	5	4	98	3.97
K271351		10.50	0.198	4.0	0.62	952	<10	80	0.7	<2	2.08	41.9	8	5	78	3.18
K271352		4.70	0.015	0.6	0.73	47	<10	340	0.6	<2	1.73	1.0	7	5	16	3.12
K271353		4.36	0.016	0.4	0.98	22	<10	640	<0.5	<2	1.79	0.8	6	9	9	2.87
K271354		7.78	<0.005	0.2	1.07	5	<10	620	<0.5	<2	1.47	<0.5	5	9	10	2.76
K271355		0.10	1.540	31.3	4.80	139	<10	50	<0.5	15	4.50	31.0	82	56	6910	8.14
K271356		7.47	0.026	1.0	0.79	41	<10	170	0.6	<2	2.49	<0.5	8	5	17	3.07
K271357		8.26	0.005	0.2	0.99	14	<10	420	<0.5	<2	1.69	<0.5	5	9	16	2.72
K271358		6.59	0.053	0.8	0.77	55	<10	530	0.6	<2	2.24	5.5	4	7	15	2.74
K271359		7.90	0.007	<0.2	1.17	9	<10	630	<0.5	<2	1.61	1.2	5	10	12	2.89
K271360		3.22	0.007	0.3	1.21	8	<10	1110	<0.5	<2	1.64	0.5	5	9	16	2.99
K271361		7.73	<0.005	0.2	1.29	10	<10	280	0.5	<2	1.88	<0.5	5	9	13	2.83
K271362		7.51	0.010	0.6	1.23	16	<10	370	<0.5	<2	1.83	<0.5	7	9	60	2.82
K271363		5.72	0.007	0.3	1.09	8	<10	470	<0.5	<2	1.69	<0.5	7	9	105	2.50
K271364		6.74	0.005	0.2	1.28	6	<10	490	<0.5	<2	1.89	<0.5	5	9	64	2.86
K271365		7.43	0.029	1.1	0.89	20	<10	460	<0.5	<2	2.13	5.6	6	7	28	2.89
K271366		7.94	0.013	0.5	0.77	47	<10	570	0.5	<2	2.13	4.3	7	8	17	2.70
K271367		11.87	<0.005	0.4	1.06	12	<10	280	<0.5	<2	1.38	<0.5	6	11	15	2.71
K271368		0.10	1.605	33.8	4.88	143	<10	40	<0.5	11	4.71	32.7	89	58	7240	8.45
K271369		11.14	0.030	0.8	1.06	34	<10	370	0.5	<2	2.25	2.5	7	9	33	2.99
K271370		8.25	0.076	1.4	0.90	57	<10	670	0.5	<2	2.55	3.0	7	7	26	2.74
K271371		11.24	<0.005	0.2	1.18	5	<10	240	<0.5	<2	1.39	0.7	6	10	24	2.98
K271372		9.65	0.007	0.4	1.18	7	<10	490	<0.5	<2	1.73	2.6	7	10	24	3.06

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11124936

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271337		<10	<1	0.16	20	0.54	398	2	0.07	1	570	10	0.09	<2	6	66
K271338		<10	<1	0.29	20	0.95	916	2	0.02	2	520	23	0.41	4	9	90
K271339		<10	<1	0.19	20	0.60	599	2	0.08	1	610	17	0.11	<2	5	66
K271340		<10	1	0.21	20	0.59	809	2	0.04	1	590	16	0.10	2	8	70
K271341		<10	<1	0.30	20	0.76	2030	3	0.02	2	530	247	0.98	3	6	57
K271342		<10	<1	0.02	<10	12.00	209	1	0.02	1	180	3	0.02	<2	<1	53
K271343		<10	<1	0.23	20	0.59	858	2	0.04	1	510	24	0.16	<2	7	73
K271344		<10	<1	0.34	20	0.68	1565	9	0.01	1	510	67	1.07	10	5	45
K271345		<10	<1	0.37	10	0.70	2060	4	0.01	1	460	1030	2.10	5	3	39
K271346		<10	1	0.34	10	0.31	1575	24	0.01	2	400	4280	4.38	46	2	19
K271347		<10	1	0.20	<10	0.40	785	38	0.01	1	170	>10000	7.74	171	1	63
K271348		<10	<1	0.02	10	11.75	207	<1	0.02	1	170	13	0.02	<2	<1	54
K271349		<10	1	0.35	10	0.31	1110	29	0.01	1	360	>10000	4.84	105	2	18
K271350		<10	1	0.32	10	0.46	2470	4	0.01	1	500	2850	3.46	27	2	28
K271351		<10	<1	0.36	20	0.60	1280	4	0.01	7	540	262	2.08	9	4	50
K271352		<10	1	0.23	10	0.54	1090	2	0.01	3	500	93	0.67	2	8	57
K271353		<10	1	0.22	20	0.69	792	2	0.08	2	560	67	0.43	<2	6	106
K271354		<10	<1	0.19	20	0.67	520	2	0.10	1	580	12	0.13	<2	6	83
K271355		10	1	0.23	10	1.12	590	45	0.32	299	640	7970	6.96	26	4	77
K271356		<10	<1	0.30	20	0.66	941	1	0.04	2	540	24	1.30	3	4	74
K271357		<10	<1	0.22	20	0.61	527	1	0.09	2	570	10	0.17	<2	6	75
K271358		<10	1	0.27	30	0.67	741	1	0.04	1	550	62	0.35	3	6	78
K271359		<10	<1	0.21	20	0.71	525	3	0.09	1	580	18	0.21	2	6	79
K271360		<10	<1	0.23	20	0.73	550	9	0.09	2	590	24	0.26	<2	6	120
K271361		<10	<1	0.22	20	0.66	462	1	0.06	1	560	11	0.52	<2	5	52
K271362		<10	<1	0.21	20	0.73	516	1	0.06	1	560	12	0.55	<2	5	56
K271363		<10	<1	0.20	20	0.63	444	1	0.07	2	540	12	0.56	2	5	65
K271364		<10	<1	0.21	20	0.76	532	1	0.08	2	610	11	0.53	2	7	88
K271365		<10	<1	0.26	20	0.65	863	1	0.06	1	560	231	0.56	<2	6	78
K271366		<10	<1	0.23	20	0.64	730	1	0.07	2	570	27	0.34	2	6	95
K271367		<10	<1	0.17	20	0.64	493	1	0.11	1	570	9	0.12	2	6	73
K271368		10	<1	0.24	10	1.17	629	45	0.35	315	690	8420	7.25	27	4	81
K271369		<10	<1	0.22	20	0.75	927	1	0.07	2	580	152	0.36	2	6	98
K271370		<10	<1	0.20	20	0.71	713	1	0.06	2	550	208	0.42	<2	5	118
K271371		<10	<1	0.18	20	0.68	575	1	0.09	1	600	27	0.09	<2	5	67
K271372		<10	<1	0.17	20	0.70	606	1	0.09	3	610	53	0.23	<2	7	102

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11124936

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271337		<20	0.04	<10	<10	43	<10	29	1		
K271338		<20	<0.01	<10	<10	33	<10	50	1		
K271339		<20	0.06	<10	<10	45	<10	39	1		
K271340		<20	0.01	<10	<10	41	<10	49	1		
K271341		<20	<0.01	<10	<10	23	<10	361	1		
K271342		<20	<0.01	<10	<10	1	<10	20	<1		
K271343		<20	<0.01	<10	<10	33	<10	50	1		
K271344		<20	<0.01	<10	<10	15	<10	140	1		
K271345		<20	<0.01	<10	<10	9	<10	2390	5		
K271346		<20	<0.01	<10	<10	7	<10	>10000	21		1.190
K271347		<20	<0.01	<10	10	5	10	>10000	86	2.89	1.400
K271348		<20	<0.01	<10	<10	1	<10	30	<1		
K271349		<20	<0.01	<10	10	7	<10	>10000	62	1.900	1.230
K271350		<20	<0.01	<10	<10	6	<10	3900	13		
K271351		<20	<0.01	<10	<10	14	<10	4510	4		
K271352		<20	<0.01	<10	<10	30	<10	130	1		
K271353		<20	0.03	<10	<10	41	<10	129	<1		
K271354		<20	0.04	<10	<10	46	<10	39	1		
K271355		<20	0.05	<10	<10	307	<10	7460	30		
K271356		<20	<0.01	<10	<10	18	<10	54	1		
K271357		<20	0.02	<10	<10	42	<10	38	1		
K271358		<20	<0.01	<10	<10	29	<10	314	1		
K271359		<20	0.02	<10	<10	47	<10	96	2		
K271360		<20	0.02	<10	<10	48	<10	52	1		
K271361		<20	0.01	<10	<10	38	<10	54	<1		
K271362		<20	0.01	<10	<10	38	<10	44	<1		
K271363		<20	0.01	<10	<10	36	<10	40	<1		
K271364		<20	0.02	<10	<10	43	<10	50	<1		
K271365		<20	0.01	<10	<10	37	<10	437	3		
K271366		<20	0.01	<10	<10	35	<10	244	<1		
K271367		<20	0.06	<10	<10	47	<10	35	<1		
K271368		<20	0.06	<10	<10	320	<10	7530	32		
K271369		<20	0.02	<10	<10	41	<10	199	<1		
K271370		<20	0.02	<10	<10	37	<10	221	2		
K271371		<20	0.05	<10	<10	51	<10	68	<1		
K271372		<20	0.02	<10	<10	51	<10	180	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11124937

Project: Klaza - DDH - 17

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 17

CERTIFICATE OF ANALYSIS WH11124937

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K271420		7.66	0.035	3.6	0.87	121	<10	200	0.5	<2	1.40	21.5	5	6	21	3.21
K271421		4.03	0.029	2.2	0.86	129	<10	210	0.5	<2	0.86	18.4	7	7	31	3.24
K271422		6.87	0.231	57.1	0.66	1010	<10	660	<0.5	21	0.78	11.5	4	5	103	2.75
K271423		2.16	<0.005	0.2	0.05	6	<10	10	<0.5	<2	19.4	<0.5	1	<1	<1	0.41
K271424		9.18	<0.005	<0.2	1.04	9	<10	130	<0.5	<2	1.43	0.7	5	8	6	2.57
K271425		7.60	<0.005	<0.2	1.24	10	<10	180	<0.5	<2	1.36	<0.5	6	10	7	2.76
K271426		11.33	0.010	0.6	1.05	60	<10	140	0.5	<2	1.39	5.9	6	7	14	2.74
K271427		10.64	<0.005	<0.2	1.15	5	<10	210	<0.5	<2	1.23	<0.5	6	8	6	2.58
K271428		7.61	<0.005	0.5	1.10	5	<10	160	<0.5	<2	1.30	0.8	5	8	7	2.56
K271429		0.09	1.545	33.1	5.13	149	<10	40	<0.5	19	4.44	32.9	86	57	7290	8.31
K271430		4.64	0.326	3.8	0.57	90	<10	250	0.6	<2	2.80	10.7	6	4	25	2.71
K271431		7.40	0.010	0.2	0.96	18	<10	500	<0.5	<2	1.33	0.9	5	8	9	2.61
K271432		5.91	0.018	1.1	0.92	72	<10	160	0.5	<2	1.64	1.0	6	7	14	2.74
K271433		9.16	0.006	0.9	1.04	20	<10	180	<0.5	<2	1.65	2.3	6	8	8	2.81
K271434		4.19	<0.005	0.4	1.10	17	<10	190	<0.5	<2	1.61	1.2	6	8	8	2.82
K271435		9.85	<0.005	<0.2	1.18	7	<10	170	<0.5	<2	1.26	<0.5	5	8	6	2.66
K271436		10.43	0.095	2.3	0.58	91	<10	160	0.5	2	2.44	5.4	16	4	24	3.02
K271437		11.11	0.122	2.2	0.46	116	<10	120	<0.5	2	2.48	4.1	17	3	16	3.25
K271438		9.39	<0.005	<0.2	1.09	6	<10	170	<0.5	<2	1.43	0.6	6	8	6	2.68
K271439		10.59	<0.005	<0.2	1.09	6	<10	150	<0.5	<2	1.13	<0.5	5	8	9	2.56
K271440		11.09	0.021	2.6	1.16	68	<10	230	<0.5	<2	1.74	12.7	5	7	12	2.74
K271441		0.11	1.170	33.2	5.19	144	<10	40	<0.5	13	4.42	32.9	84	58	7360	8.30
K271442		6.20	0.073	1.7	1.06	131	<10	250	<0.5	<2	1.87	12.5	6	7	33	3.14
K271443		6.42	<0.005	<0.2	1.18	3	<10	210	<0.5	<2	1.78	<0.5	6	8	6	2.67
K271444		7.66	0.022	<0.2	0.94	7	<10	200	<0.5	<2	1.80	<0.5	7	6	6	2.61
K271445		9.97	0.048	2.0	0.57	145	<10	350	0.8	<2	3.37	3.1	5	4	13	2.71
K271446		9.61	<0.005	<0.2	1.06	6	<10	220	<0.5	<2	1.36	<0.5	5	8	5	2.57
K271447		11.32	0.006	<0.2	0.93	15	<10	320	<0.5	<2	2.33	<0.5	6	6	3	2.88
K271448		0.98	<0.005	<0.2	0.03	2	<10	10	<0.5	2	19.0	<0.5	<1	<1	<1	0.45
K271449		7.23	<0.005	<0.2	1.04	9	<10	230	<0.5	<2	1.73	<0.5	5	8	4	2.61
K271450		8.39	<0.005	<0.2	1.31	7	<10	160	<0.5	<2	1.27	<0.5	7	10	6	2.70
K271451		9.98	<0.005	<0.2	1.19	7	<10	140	<0.5	<2	1.27	<0.5	6	9	8	2.62
K271452		4.36	0.121	6.0	0.80	978	<10	220	0.7	<2	2.30	14.6	7	4	51	3.06
K271453		9.60	<0.005	<0.2	1.31	16	<10	190	<0.5	2	1.28	<0.5	6	8	10	2.63
K271454		9.14	<0.005	0.7	1.30	9	<10	230	<0.5	<2	1.42	0.7	6	8	8	2.64
K271455		10.71	<0.005	<0.2	1.23	9	<10	120	<0.5	<2	1.48	<0.5	6	10	7	2.63

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 17

CERTIFICATE OF ANALYSIS WH11124937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271420		<10	<1	0.22	20	0.33	1270	1	0.04	8	570	903	0.14	2	6	42
K271421		<10	<1	0.22	20	0.30	962	1	0.05	2	580	474	0.15	4	5	33
K271422		<10	<1	0.22	20	0.29	583	1	0.03	2	520	>10000	0.39	53	4	47
K271423		<10	<1	0.02	10	12.45	188	<1	0.02	5	180	33	0.01	<2	<1	59
K271424		<10	<1	0.16	20	0.63	489	1	0.07	3	580	28	0.06	<2	5	54
K271425		<10	<1	0.16	20	0.66	515	1	0.09	3	610	14	0.02	<2	5	54
K271426		<10	<1	0.22	20	0.57	1080	1	0.07	2	570	155	0.23	<2	5	52
K271427		<10	<1	0.17	20	0.61	452	1	0.09	3	590	10	0.02	<2	5	48
K271428		<10	<1	0.14	20	0.65	501	1	0.07	3	570	68	0.04	<2	5	46
K271429		10	1	0.24	10	1.16	640	45	0.35	316	690	8340	7.39	25	4	84
K271430		<10	<1	0.26	20	0.75	1355	1	0.03	3	550	1080	0.83	4	5	89
K271431		<10	<1	0.15	20	0.58	463	1	0.09	3	580	24	0.14	<2	5	61
K271432		<10	<1	0.20	20	0.58	904	1	0.06	3	600	292	0.15	3	5	63
K271433		<10	<1	0.19	20	0.67	783	1	0.07	3	600	234	0.12	<2	5	60
K271434		<10	<1	0.20	20	0.67	648	1	0.08	3	600	122	0.11	<2	6	60
K271435		<10	<1	0.14	20	0.67	449	1	0.09	3	600	9	0.03	<2	5	49
K271436		<10	<1	0.24	20	0.69	1070	1	0.03	3	570	347	1.48	5	5	74
K271437		<10	<1	0.30	20	0.53	1615	1	0.02	3	510	272	1.65	4	3	67
K271438		<10	<1	0.15	20	0.63	537	1	0.07	3	560	32	0.11	<2	5	49
K271439		<10	<1	0.13	20	0.66	445	1	0.08	3	570	13	0.04	2	4	45
K271440		<10	1	0.17	20	0.67	585	1	0.07	3	590	561	0.14	3	6	59
K271441		10	2	0.24	10	1.15	639	44	0.35	317	690	8280	7.41	27	4	84
K271442		<10	1	0.20	20	0.72	981	<1	0.06	3	620	170	0.54	4	7	71
K271443		<10	<1	0.15	20	0.67	564	1	0.08	4	620	10	0.04	<2	6	72
K271444		<10	<1	0.15	20	0.66	606	<1	0.06	3	620	8	0.11	<2	7	75
K271445		<10	<1	0.24	20	1.16	1230	1	0.02	3	550	137	0.73	4	7	111
K271446		<10	<1	0.14	20	0.66	474	1	0.08	2	600	7	0.05	<2	5	59
K271447		<10	<1	0.22	20	0.67	817	2	0.05	3	560	65	0.26	<2	5	74
K271448		<10	1	0.01	10	12.20	213	<1	0.02	4	180	<2	0.01	<2	<1	52
K271449		<10	<1	0.16	20	0.66	529	1	0.08	3	560	7	0.06	<2	6	69
K271450		10	<1	0.15	20	0.75	480	<1	0.10	3	610	9	0.03	<2	5	54
K271451		<10	<1	0.13	20	0.68	473	<1	0.09	3	610	9	0.02	<2	5	51
K271452		<10	<1	0.27	20	0.77	1150	1	0.03	3	570	988	1.24	13	6	75
K271453		<10	<1	0.16	20	0.66	456	1	0.10	3	600	17	0.04	<2	5	49
K271454		<10	<1	0.16	20	0.68	513	<1	0.10	2	600	209	0.03	<2	5	56
K271455		10	<1	0.12	20	0.65	495	<1	0.09	3	600	52	0.03	<2	6	57

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 17

CERTIFICATE OF ANALYSIS WH11124937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K271420		<20	0.02	<10	<10	38	<10	1815	3	
K271421		<20	0.03	<10	<10	39	<10	1700	1	
K271422		<20	0.01	<10	<10	26	<10	875	53	1.085
K271423		<20	<0.01	<10	<10	2	<10	23	<1	
K271424		<20	0.06	<10	<10	47	<10	114	<1	
K271425		<20	0.09	<10	<10	51	<10	66	<1	
K271426		<20	0.05	<10	<10	41	<10	419	<1	
K271427		<20	0.08	<10	<10	50	<10	64	<1	
K271428		<20	0.06	<10	<10	48	<10	93	1	
K271429		<20	0.06	<10	<10	319	10	7580	30	
K271430		<20	<0.01	<10	<10	20	<10	706	4	
K271431		<20	0.08	<10	<10	47	<10	84	<1	
K271432		<20	0.05	<10	<10	40	<10	109	1	
K271433		<20	0.06	<10	<10	47	<10	200	<1	
K271434		<20	0.07	<10	<10	48	<10	126	<1	
K271435		<20	0.09	<10	<10	53	<10	46	<1	
K271436		<20	<0.01	<10	<10	24	<10	384	1	
K271437		<20	<0.01	<10	<10	13	<10	320	2	
K271438		<20	0.05	<10	<10	47	<10	67	1	
K271439		<20	0.10	<10	<10	50	<10	38	2	
K271440		<20	0.02	<10	<10	47	<10	813	3	
K271441		<20	0.06	<10	<10	317	10	7560	30	
K271442		<20	0.02	<10	<10	44	<10	896	2	
K271443		<20	0.03	<10	<10	49	<10	40	1	
K271444		<20	0.02	<10	<10	42	<10	37	2	
K271445		<20	<0.01	<10	<10	25	<10	235	2	
K271446		<20	0.07	<10	<10	51	<10	34	8	
K271447		<20	0.01	<10	<10	33	<10	36	21	
K271448		<20	<0.01	<10	<10	2	<10	15	10	
K271449		<20	0.03	<10	<10	44	<10	33	13	
K271450		<20	0.10	<10	<10	55	<10	40	1	
K271451		<20	0.09	<10	<10	52	<10	35	<1	
K271452		<20	<0.01	<10	<10	29	<10	1130	6	
K271453		<20	0.10	<10	<10	53	<10	37	<1	
K271454		<20	0.08	<10	<10	53	<10	81	1	
K271455		<20	0.06	<10	<10	52	<10	47	4	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11124938

Project: Klaza- DDH- 13

P.O. No.: Batch 4

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11124938

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271409		11.03	0.324	4.0	0.69	1400	<10	160	0.7	<2	2.19	21.1	6	4	34	3.28
K271410		4.13	1.745	13.6	0.57	3870	<10	30	0.7	3	1.43	47.8	8	3	95	3.96
K271411		10.93	0.021	0.4	0.71	40	<10	560	0.8	<2	2.40	1.1	7	9	21	2.16
K271412		7.44	1.250	12.3	0.63	922	<10	230	0.8	3	2.17	26.1	8	12	77	2.53
K271413		10.59	1.345	14.7	0.67	3970	<10	70	0.7	3	1.58	51.5	7	4	72	3.67
K271414		0.09	1.515	32.6	4.80	148	<10	50	<0.5	6	4.59	32.8	85	56	6790	8.18
K271415		10.26	0.018	0.6	0.64	47	<10	100	0.7	<2	2.64	0.7	7	4	18	2.73
K271416		7.42	0.479	4.3	0.57	1160	<10	60	0.5	2	1.82	15.2	7	4	26	3.13
K271417		10.94	<0.005	0.2	1.18	13	<10	260	<0.5	<2	1.91	<0.5	7	8	10	2.81
K271418		11.04	<0.005	0.3	1.24	14	<10	500	<0.5	<2	1.32	<0.5	7	10	14	2.98
K271419		8.38	0.007	0.2	1.28	11	<10	170	<0.5	<2	1.60	<0.5	7	11	13	3.07

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11124938

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271409		<10	1	0.30	20	0.65	815	2	0.02	1	580	994	1.61	6	7	137
K271410		<10	<1	0.33	10	0.42	840	29	0.01	5	410	2840	3.31	40	3	101
K271411		<10	<1	0.30	10	0.82	577	2	0.03	15	560	128	0.38	5	5	213
K271412		<10	1	0.29	10	0.83	638	3	0.02	18	490	2220	0.97	20	5	188
K271413		<10	1	0.38	10	0.48	1115	7	0.02	3	490	3340	2.50	23	4	106
K271414		10	1	0.23	<10	1.14	617	43	0.34	307	660	8250	6.94	25	4	75
K271415		<10	<1	0.33	20	0.61	1085	2	0.02	3	550	46	1.53	4	5	154
K271416		<10	1	0.35	20	0.40	1340	1	0.01	1	500	610	2.13	13	3	90
K271417		10	<1	0.20	20	0.63	487	1	0.07	2	560	17	0.55	<2	5	81
K271418		10	<1	0.16	20	0.75	467	1	0.09	1	580	17	0.61	<2	5	79
K271419		10	<1	0.19	20	0.73	474	1	0.09	2	580	12	0.93	<2	6	66

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Finalized Date: 8- AUG- 2011
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Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11124938

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271409		<20	<0.01	<10	<10	23	<10	1365	5
K271410		<20	<0.01	<10	10	10	<10	3070	14
K271411		<20	<0.01	<10	<10	20	<10	109	1
K271412		<20	<0.01	<10	<10	24	<10	1750	13
K271413		<20	<0.01	<10	10	12	<10	3130	16
K271414		<20	0.05	<10	10	316	<10	7400	32
K271415		<20	<0.01	<10	<10	14	<10	74	1
K271416		<20	<0.01	<10	<10	10	<10	1100	4
K271417		<20	0.04	<10	<10	45	<10	47	<1
K271418		20	0.08	<10	<10	51	<10	39	<1
K271419		<20	0.05	<10	<10	49	<10	35	1

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VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11125896

Project: Klaza TR- 27

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11125896

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273987		1.78	0.005	0.3	1.00	31	<10	260	0.7	2	0.49	<0.5	6	7	33	2.79
K273988		2.76	<0.005	0.2	0.85	17	<10	190	0.6	2	0.36	<0.5	6	6	13	2.82
K273989		2.36	0.092	0.9	0.68	257	<10	700	0.9	2	0.44	1.0	8	5	16	2.98
K273990		3.33	<0.005	0.3	1.09	14	<10	220	0.5	<2	0.51	0.5	7	9	11	3.03
K273991		2.74	<0.005	<0.2	0.77	29	<10	810	0.7	<2	0.42	<0.5	6	6	8	2.98
K273992		4.08	<0.005	<0.2	1.31	10	<10	210	0.5	<2	0.58	<0.5	7	9	11	2.99
K273993		2.07	0.008	0.6	0.99	33	<10	290	0.5	<2	0.40	0.7	7	13	20	2.66
K273994		2.92	0.525	>100	0.45	527	<10	80	0.5	17	1.23	34.5	5	6	1265	4.21
K273995		4.20	0.016	1.5	1.10	28	<10	240	0.6	2	0.40	1.0	7	8	60	3.01
K273996		3.84	<0.005	0.5	0.82	26	<10	200	0.6	<2	0.40	0.9	5	8	21	2.69
K273997		3.84	0.917	64.3	0.49	3880	<10	90	0.5	<2	1.05	20.0	3	4	168	3.80
K273998		4.57	0.021	2.2	0.67	129	<10	2390	0.6	2	1.27	1.2	4	7	21	2.94
K273999		2.19	0.013	0.8	0.67	89	<10	1280	0.6	2	2.20	0.7	4	5	12	2.99
K274000		2.16	0.248	9.1	0.45	896	<10	560	0.6	<2	0.45	8.0	4	3	70	3.26
K274001		2.65	0.022	1.0	0.55	315	<10	2190	0.7	<2	0.86	0.5	4	3	6	2.36
K274002		2.03	3.07	79.9	0.49	675	<10	50	0.5	2	3.54	15.0	6	2	340	5.61
K274003		3.55	0.007	0.8	0.91	41	<10	380	0.5	<2	0.84	1.7	7	7	16	2.83
K274004		2.17	0.005	0.6	0.73	54	<10	370	0.9	2	0.75	<0.5	7	5	7	2.71
K274005		3.64	<0.005	0.7	0.77	47	<10	370	0.5	<2	0.66	0.7	7	7	8	2.66
K274006		2.95	<0.005	0.2	0.85	14	<10	240	0.5	<2	1.68	<0.5	6	6	3	2.62
K274007		0.11	1.410	31.6	4.57	142	<10	30	<0.5	14	4.48	31.4	84	54	6710	7.93
K274008		3.06	<0.005	0.2	0.79	58	<10	1500	0.7	<2	1.27	<0.5	7	6	19	2.75
K274009		3.07	<0.005	<0.2	0.86	83	<10	290	0.6	<2	1.39	<0.5	6	5	5	2.47
K274010		2.74	0.007	0.2	0.72	180	<10	570	0.6	2	1.71	<0.5	7	5	6	2.61
K274011		4.00	0.005	<0.2	0.96	27	<10	340	0.6	<2	2.68	<0.5	7	5	4	2.34
K274012		4.18	0.017	0.4	0.58	64	<10	1040	0.8	<2	3.45	<0.5	7	3	5	1.90
K274013		4.60	<0.005	<0.2	0.64	10	<10	1150	0.7	<2	3.44	<0.5	5	5	3	1.76
K274014		3.31	0.015	0.8	0.64	34	<10	1020	0.9	<2	2.84	1.0	6	5	14	1.93
K274015		3.25	0.095	4.0	0.62	147	<10	820	1.1	<2	0.28	4.7	7	4	43	2.55
K274016		3.14	<0.005	<0.2	0.78	12	<10	730	1.3	<2	1.48	1.4	3	4	9	1.39
K274017		4.13	<0.005	<0.2	0.70	12	<10	540	1.0	<2	0.71	0.9	6	8	7	1.80
K274018		3.96	<0.005	<0.2	0.69	9	<10	360	1.0	<2	1.23	<0.5	5	8	1	1.79
K274019		3.86	<0.005	<0.2	0.66	12	<10	750	1.0	<2	1.01	<0.5	5	9	3	1.87
K274020		2.88	0.133	3.1	0.56	307	<10	1080	0.7	<2	0.35	3.4	4	3	19	2.55
K274022		2.48	0.303	32.7	0.44	584	<10	1120	0.7	<2	0.23	19.7	6	3	215	3.22
K274023		1.14	<0.005	0.5	0.03	4	<10	<10	<0.5	<2	19.5	<0.5	2	<1	2	0.44

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 27

CERTIFICATE OF ANALYSIS WH11125896

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273987		<10	1	0.19	20	0.33	574	1	0.06	3	610	14	0.01	<2	8	24
K273988		<10	<1	0.15	20	0.19	684	1	0.02	3	660	15	0.01	2	9	11
K273989		<10	1	0.27	30	0.08	1335	2	0.02	3	600	62	0.06	5	7	19
K273990		10	<1	0.19	20	0.45	707	1	0.07	3	600	42	0.01	<2	7	27
K273991		<10	<1	0.22	20	0.15	817	1	0.03	3	590	12	0.03	2	8	23
K273992		10	<1	0.16	20	0.63	595	1	0.07	3	620	15	0.01	<2	7	27
K273993		<10	<1	0.18	20	0.29	745	1	0.05	6	600	59	0.01	2	6	25
K273994		<10	1	0.24	10	0.40	3230	2	0.02	2	360	5020	1.68	289	4	27
K273995		<10	1	0.16	20	0.37	684	1	0.04	3	660	186	0.01	6	8	20
K273996		<10	<1	0.17	30	0.15	699	1	0.03	2	630	38	0.01	5	8	16
K273997		<10	1	0.32	10	0.18	3320	2	0.01	2	360	2010	1.24	98	2	31
K273998		<10	<1	0.35	20	0.09	1360	2	0.02	2	570	53	0.10	7	4	33
K273999		<10	<1	0.31	30	0.12	1245	4	0.02	3	600	30	0.04	3	4	41
K274000		<10	1	0.28	20	0.04	2930	5	0.01	3	460	482	0.57	23	3	25
K274001		<10	<1	0.30	20	0.05	1590	2	0.01	2	550	28	0.12	11	5	48
K274002		<10	<1	0.32	10	0.67	11600	3	0.02	1	350	2320	2.77	60	2	75
K274003		<10	<1	0.22	20	0.32	1380	1	0.05	1	630	66	0.03	3	7	31
K274004		<10	<1	0.27	30	0.13	1340	1	0.02	2	590	24	0.03	3	7	21
K274005		<10	<1	0.20	20	0.26	658	2	0.05	2	550	46	0.02	2	7	31
K274006		<10	1	0.14	30	0.38	605	1	0.03	1	570	9	0.01	2	7	56
K274007		10	1	0.23	<10	1.10	593	39	0.32	306	640	8010	6.85	24	4	71
K274008		<10	1	0.21	30	0.21	706	1	0.01	2	550	25	0.06	4	7	52
K274009		<10	<1	0.18	20	0.37	719	1	0.01	1	570	13	0.05	3	6	50
K274010		<10	<1	0.20	20	0.27	742	1	0.02	1	540	11	0.04	4	6	69
K274011		<10	<1	0.17	20	0.39	632	<1	0.02	1	530	10	0.02	2	6	148
K274012		<10	<1	0.25	20	0.11	1300	1	<0.01	2	580	24	0.23	4	4	184
K274013		<10	<1	0.24	10	0.20	536	<1	0.01	2	670	18	0.04	3	4	292
K274014		<10	<1	0.25	10	0.11	947	3	<0.01	3	670	60	0.07	5	4	148
K274015		<10	<1	0.36	20	0.06	1380	4	<0.01	9	520	290	0.34	10	4	36
K274016		<10	<1	0.27	20	0.10	484	<1	<0.01	4	660	16	0.03	<2	4	59
K274017		<10	<1	0.31	20	0.07	500	<1	<0.01	7	590	11	0.02	<2	6	55
K274018		<10	<1	0.30	20	0.07	536	<1	0.01	6	600	11	0.01	<2	5	65
K274019		<10	<1	0.29	20	0.07	692	<1	0.01	8	590	12	0.02	<2	5	68
K274020		<10	<1	0.31	20	0.07	2770	1	<0.01	4	560	636	0.07	5	5	32
K274022		<10	<1	0.28	20	0.03	6410	4	<0.01	11	500	2700	0.20	56	4	24
K274023		<10	<1	0.02	<10	12.55	210	<1	<0.01	<1	170	4	0.02	<2	<1	45

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CERTIFICATE OF ANALYSIS WH11125896

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K273987		<20	0.01	<10	<10	41	<10	65	
K273988		20	0.01	<10	<10	45	<10	65	
K273989		<20	<0.01	<10	<10	23	<10	101	
K273990		<20	0.01	<10	<10	44	<10	74	
K273991		<20	<0.01	<10	<10	38	<10	55	
K273992		<20	0.02	<10	<10	50	<10	50	
K273993		<20	0.04	<10	<10	41	<10	100	
K273994		<20	<0.01	<10	<10	14	<10	2970	155
K273995		20	0.02	<10	<10	49	<10	141	
K273996		20	0.01	<10	<10	41	<10	113	
K273997		<20	<0.01	<10	<10	8	<10	2240	
K273998		<20	<0.01	<10	<10	19	<10	240	
K273999		<20	<0.01	<10	<10	21	<10	146	
K274000		<20	<0.01	<10	<10	9	<10	937	
K274001		<20	<0.01	<10	<10	11	<10	91	
K274002		<20	<0.01	<10	<10	7	<10	1655	
K274003		<20	0.02	<10	<10	40	<10	211	
K274004		<20	<0.01	<10	<10	28	<10	70	
K274005		<20	0.02	<10	<10	37	<10	88	
K274006		<20	<0.01	<10	<10	40	<10	51	
K274007		<20	0.05	<10	10	304	<10	7610	
K274008		<20	<0.01	<10	<10	34	<10	90	
K274009		<20	<0.01	<10	<10	31	<10	54	
K274010		<20	<0.01	<10	<10	28	<10	45	
K274011		<20	0.01	<10	<10	32	<10	39	
K274012		<20	<0.01	<10	<10	16	<10	71	
K274013		<20	<0.01	<10	<10	31	<10	65	
K274014		<20	<0.01	<10	<10	26	<10	137	
K274015		<20	<0.01	<10	<10	11	<10	510	
K274016		<20	<0.01	<10	<10	17	<10	120	
K274017		<20	<0.01	<10	<10	28	<10	81	
K274018		<20	<0.01	<10	<10	26	<10	40	
K274019		<20	<0.01	<10	<10	28	<10	45	
K274020		<20	<0.01	<10	<10	22	<10	676	
K274022		<20	<0.01	<10	<10	14	<10	2470	
K274023		<20	<0.01	<10	<10	<1	<10	23	

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11125897

Project: Klaza TR- 29

P.O. No.: Batch 4

This report is for 39 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11125897

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274248		4.90	<0.005	0.2	1.56	10	<10	400	0.6	<2	0.48	<0.5	5	7	7	3.08
K274249		4.83	<0.005	<0.2	1.13	9	<10	320	<0.5	2	0.50	0.6	6	8	8	2.45
K274250		2.89	<0.005	0.2	1.34	25	<10	380	0.6	<2	0.41	0.5	9	12	20	2.62
K274251		3.62	<0.005	0.4	0.50	111	<10	310	0.6	2	4.01	<0.5	6	3	12	3.77
K274252		3.84	<0.005	<0.2	1.52	6	<10	370	0.7	<2	0.40	<0.5	7	5	9	3.05
K274253		4.59	0.017	1.4	0.57	39	<10	350	0.6	3	1.54	<0.5	9	4	16	4.00
K274254		4.33	0.018	0.8	0.58	63	<10	990	0.8	<2	0.39	2.6	7	3	15	3.35
K274255		2.30	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	19.5	<0.5	2	<1	2	0.46
K274256		3.77	<0.005	0.3	1.07	19	<10	920	0.8	<2	0.35	<0.5	6	4	11	2.73
K274257		3.61	<0.005	<0.2	1.18	8	<10	270	<0.5	<2	0.43	<0.5	8	7	8	2.41
K274258		3.36	<0.005	<0.2	1.27	13	<10	300	0.7	<2	0.46	<0.5	10	6	14	2.84
K274259		8.40	<0.005	0.4	0.86	31	<10	370	0.7	<2	0.32	<0.5	11	5	23	2.88
K274260		5.09	<0.005	0.2	1.01	13	<10	490	0.7	<2	0.25	<0.5	7	6	15	2.69
K274261		4.91	<0.005	<0.2	1.32	13	<10	220	0.7	<2	0.30	<0.5	6	7	10	2.72
K274262		3.13	<0.005	<0.2	0.91	16	<10	760	0.7	<2	0.26	<0.5	8	4	17	2.93
K274263		3.97	0.008	0.5	0.77	50	<10	780	0.7	2	0.27	<0.5	7	5	21	2.89
K274264		2.75	0.007	0.4	0.99	28	<10	290	0.7	<2	0.26	<0.5	5	5	41	2.55
K274265		4.35	0.016	<0.2	1.54	9	<10	270	0.6	<2	0.34	<0.5	7	7	11	2.62
K274266		6.53	<0.005	<0.2	1.06	14	<10	270	0.6	<2	0.40	<0.5	7	4	14	2.31
K274267		3.07	<0.005	<0.2	0.74	18	<10	340	0.5	<2	1.38	<0.5	8	5	13	2.12
K274268		0.12	1.575	31.9	4.84	141	<10	50	<0.5	3	4.36	31.5	81	54	7120	8.04
K274269		3.11	<0.005	<0.2	1.64	10	<10	410	0.6	2	0.45	<0.5	7	9	27	2.80
K274270		3.56	0.028	0.7	0.85	39	<10	520	0.7	<2	0.28	<0.5	8	8	30	3.18
K274271		2.59	<0.005	0.3	1.32	13	<10	360	<0.5	<2	0.49	<0.5	7	8	26	2.70
K274272		5.41	0.012	0.5	1.44	18	<10	270	0.6	<2	0.35	<0.5	5	9	22	2.72
K274273		3.54	0.010	0.2	1.40	15	<10	300	0.5	<2	0.71	<0.5	3	6	20	2.65
K274274		3.10	<0.005	0.2	0.61	16	<10	390	<0.5	<2	0.77	<0.5	3	5	14	1.73
K274275		3.41	<0.005	0.2	1.75	10	<10	180	0.6	2	0.39	<0.5	4	7	21	2.87
K274276		3.03	<0.005	0.2	1.33	11	<10	310	0.5	<2	0.62	<0.5	5	11	15	2.78
K274277		2.94	<0.005	0.3	1.59	11	<10	520	0.9	<2	2.11	<0.5	5	7	13	2.16
K274278		4.30	0.012	0.7	1.42	17	<10	600	0.6	<2	0.53	<0.5	6	8	46	2.78
K274279		4.14	0.025	8.7	0.81	67	<10	630	0.6	2	0.61	0.8	6	4	578	3.40
K274280		4.67	<0.005	0.3	1.29	9	<10	370	<0.5	<2	0.78	<0.5	6	10	31	2.78
K274281		2.77	0.008	1.6	1.12	19	<10	540	0.6	3	0.46	0.8	7	6	125	3.22
K274282		3.91	0.020	<0.2	1.50	17	<10	250	0.6	<2	0.69	<0.5	7	7	25	2.68
K274283		4.59	0.005	0.4	1.20	18	<10	560	0.5	<2	1.38	<0.5	7	6	57	2.93
K274245		3.53	<0.005	0.2	1.29	14	<10	320	0.5	2	0.47	<0.5	6	10	10	2.68
K274246		4.09	<0.005	<0.2	1.68	8	<10	280	0.6	<2	0.46	<0.5	5	7	6	3.10
K274247		2.14	<0.005	0.2	1.68	10	<10	240	<0.5	<2	0.63	<0.5	5	11	5	3.30

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Finalized Date: 3- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11125897

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274248		10	<1	0.13	20	0.72	635	<1	0.02	3	590	9	0.01	<2	7	20
K274249		<10	<1	0.19	20	0.51	465	<1	0.06	3	570	15	0.01	<2	4	27
K274250		<10	<1	0.20	20	0.36	571	<1	0.04	6	580	33	0.02	<2	6	28
K274251		<10	<1	0.27	10	0.62	3320	1	0.01	1	420	17	0.67	2	3	61
K274252		10	<1	0.20	30	0.44	559	<1	0.01	1	650	8	0.01	<2	8	15
K274253		<10	<1	0.24	20	0.17	1975	3	<0.01	2	570	32	0.54	3	8	27
K274254		<10	<1	0.28	20	0.07	2090	3	<0.01	3	600	38	0.26	2	6	21
K274255		<10	<1	0.01	<10	12.65	211	<1	0.01	<1	180	<2	0.02	<2	<1	46
K274256		<10	<1	0.25	30	0.21	1000	1	0.01	2	640	15	0.05	2	8	18
K274257		<10	<1	0.19	20	0.49	417	1	0.06	2	550	7	0.04	<2	5	25
K274258		<10	<1	0.19	20	0.29	463	<1	0.01	2	610	7	0.01	2	8	18
K274259		<10	<1	0.29	30	0.07	1070	2	<0.01	3	650	10	0.05	2	6	14
K274260		<10	<1	0.21	30	0.08	663	1	<0.01	3	680	10	0.02	2	7	13
K274261		<10	<1	0.17	20	0.16	490	1	0.01	3	640	8	0.01	<2	9	15
K274262		<10	<1	0.27	30	0.05	1045	2	<0.01	2	560	4	0.03	<2	6	13
K274263		<10	<1	0.31	30	0.06	1390	2	<0.01	3	580	11	0.12	2	5	16
K274264		<10	<1	0.27	30	0.10	1070	2	<0.01	3	550	10	0.03	2	6	15
K274265		<10	<1	0.20	30	0.47	463	<1	<0.01	2	650	6	0.01	<2	7	13
K274266		<10	<1	0.26	30	0.12	828	1	0.01	2	590	7	0.01	<2	5	16
K274267		<10	<1	0.27	20	0.08	751	2	0.04	3	540	6	0.08	<2	4	38
K274268		<10	1	0.23	<10	1.08	604	43	0.32	299	670	8230	7.09	27	4	80
K274269		<10	<1	0.22	20	0.57	400	<1	0.06	4	590	24	0.01	<2	6	41
K274270		<10	<1	0.30	30	0.10	1135	1	0.03	4	620	31	0.08	<2	6	18
K274271		<10	<1	0.25	20	0.55	605	<1	0.09	3	610	15	0.05	<2	5	34
K274272		<10	<1	0.17	20	0.55	641	<1	0.03	3	620	29	0.02	<2	6	18
K274273		<10	<1	0.21	30	0.56	702	<1	0.04	3	620	9	0.05	<2	6	29
K274274		<10	<1	0.27	20	0.09	756	<1	0.04	2	570	10	0.04	<2	3	26
K274275		10	<1	0.16	30	0.63	608	<1	0.02	3	650	9	0.03	<2	7	17
K274276		<10	<1	0.23	20	0.54	598	1	0.08	3	610	12	0.01	<2	6	42
K274277		<10	<1	0.29	30	0.40	656	<1	0.03	2	860	16	0.02	<2	4	178
K274278		<10	<1	0.27	20	0.43	814	<1	0.04	2	590	12	0.05	2	6	27
K274279		<10	<1	0.34	20	0.11	1895	1	0.02	2	570	44	0.35	18	5	21
K274280		<10	<1	0.23	20	0.58	739	1	0.09	3	590	12	0.03	<2	6	47
K274281		<10	<1	0.27	20	0.35	1925	1	0.05	3	600	27	0.12	3	6	24
K274282		<10	<1	0.20	20	0.52	994	<1	0.03	5	610	15	0.03	<2	7	26
K274283		<10	1	0.31	20	0.37	1665	<1	0.05	2	600	14	0.20	2	5	47
K274245		<10	<1	0.21	20	0.42	656	<1	0.06	4	590	14	0.01	2	6	32
K274246		10	<1	0.17	20	0.65	506	1	0.05	2	600	6	<0.01	2	7	32
K274247		10	<1	0.17	20	0.82	663	<1	0.07	4	620	9	<0.01	<2	7	31

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VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11125897

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274248		<20	<0.01	<10	<10	47	<10	53
K274249		<20	0.08	<10	<10	46	<10	61
K274250		<20	0.04	<10	<10	44	<10	80
K274251		<20	<0.01	<10	<10	12	<10	59
K274252		<20	0.02	<10	<10	44	<10	40
K274253		<20	<0.01	<10	<10	38	<10	78
K274254		<20	<0.01	<10	<10	24	<10	143
K274255		<20	<0.01	<10	<10	<1	<10	17
K274256		<20	<0.01	<10	<10	34	<10	45
K274257		<20	0.03	<10	<10	43	<10	32
K274258		<20	0.01	<10	<10	42	<10	39
K274259		<20	<0.01	<10	<10	28	<10	54
K274260		<20	<0.01	<10	<10	40	<10	46
K274261		<20	0.01	<10	<10	50	<10	40
K274262		<20	<0.01	<10	<10	35	<10	55
K274263		<20	<0.01	<10	<10	21	<10	42
K274264		<20	<0.01	<10	<10	27	<10	54
K274265		<20	0.01	<10	<10	45	<10	38
K274266		<20	<0.01	<10	<10	28	<10	43
K274267		<20	<0.01	<10	<10	22	<10	38
K274268		<20	0.05	<10	<10	305	<10	7160
K274269		<20	0.06	<10	<10	53	<10	59
K274270		<20	<0.01	<10	<10	28	<10	58
K274271		<20	0.05	<10	<10	48	<10	43
K274272		<20	0.01	<10	<10	43	<10	49
K274273		<20	<0.01	<10	<10	40	<10	43
K274274		<20	<0.01	<10	<10	15	<10	30
K274275		<20	<0.01	<10	<10	46	<10	45
K274276		<20	0.02	<10	<10	44	<10	50
K274277		<20	0.01	<10	<10	27	<10	62
K274278		<20	0.02	<10	<10	40	<10	51
K274279		<20	<0.01	<10	<10	19	<10	92
K274280		<20	0.04	<10	<10	49	<10	49
K274281		<20	0.01	<10	<10	35	<10	111
K274282		<20	0.01	<10	<10	42	<10	62
K274283		<20	0.01	<10	<10	32	<10	59
K274245		<20	0.03	<10	<10	43	<10	49
K274246		<20	0.01	<10	<10	52	<10	40
K274247		<20	0.01	<10	<10	60	<10	57

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Finalized Date: 5- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11125898

Project: Klaza TR- 29

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11125898

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274173		4.11	0.200	5.0	0.63	256	<10	430	<0.5	6	0.15	6.9	3	6	62	5.27
K274174		2.79	0.073	2.4	0.79	136	<10	600	0.6	4	0.24	10.4	4	6	44	4.26
K274175		4.08	0.167	4.8	0.59	365	<10	250	<0.5	4	0.12	5.8	2	5	62	5.16
K274176		2.61	0.217	8.9	0.73	609	<10	500	0.5	6	0.22	13.2	5	5	134	9.15
K274177		3.18	0.009	0.7	0.75	24	<10	420	0.5	<2	0.71	11.0	4	7	7	2.27
K274178		4.19	0.020	0.9	0.89	29	<10	310	0.8	<2	0.35	5.6	4	5	12	2.60
K274179		4.12	0.057	2.1	0.54	109	<10	300	0.7	<2	0.24	7.2	4	4	17	2.85
K274180		3.09	0.065	2.8	0.62	118	<10	430	0.8	<2	0.26	5.5	5	4	22	2.66
K274181		4.62	0.114	20.3	0.59	156	<10	880	0.7	2	0.23	16.7	4	5	65	5.38
K274182		2.91	0.446	93.1	0.55	211	<10	90	0.6	2	0.38	428	3	4	354	8.96
K274183		2.62	0.009	0.9	0.98	24	<10	170	0.6	<2	0.28	3.2	4	7	9	2.54
K274184		3.92	0.042	1.8	0.56	71	<10	710	0.5	2	0.19	10.8	3	4	10	2.52
K274185		3.52	0.011	0.9	0.60	42	<10	350	<0.5	<2	0.60	2.7	2	4	7	2.57
K274186		3.92	0.008	0.4	0.76	21	<10	280	0.5	<2	0.40	1.3	2	4	4	2.13
K274187		3.29	0.005	0.7	0.86	21	<10	240	0.5	2	0.37	2.7	12	8	9	2.59
K274188		2.87	<0.005	0.7	1.17	10	<10	240	0.5	2	0.63	2.7	5	9	7	2.98
K274189		2.09	0.005	0.4	1.40	19	<10	310	0.6	<2	0.36	2.5	5	8	12	2.56
K274190		5.25	<0.005	0.3	1.32	9	<10	210	<0.5	<2	0.48	0.8	5	12	16	2.76
K274191		0.12	1.620	31.7	4.90	146	<10	50	<0.5	10	4.38	31.4	84	56	7020	8.18
K274192		5.17	<0.005	<0.2	1.22	9	<10	260	<0.5	<2	0.46	0.8	6	8	15	2.63
K274193		3.99	<0.005	<0.2	0.95	8	<10	150	<0.5	<2	0.42	1.1	5	9	9	2.30
K274194		3.78	0.025	0.7	0.77	36	<10	430	0.7	<2	0.25	7.2	5	5	15	2.81
K274195		4.48	<0.005	<0.2	1.29	9	<10	250	<0.5	<2	0.38	0.9	6	10	11	2.67
K274196		2.13	0.064	3.5	1.07	125	<10	270	0.5	<2	0.32	3.9	6	12	62	3.11
K274197		3.83	0.345	15.4	0.65	550	<10	310	0.6	7	0.17	7.9	3	6	195	4.27
K274198		2.97	0.568	38.2	0.48	431	<10	450	<0.5	25	0.11	2.3	1	5	101	3.52
K274199		2.83	<0.005	<0.2	0.03	2	<10	10	<0.5	2	18.7	<0.5	<1	<1	10	0.46
K274200		3.95	0.880	42.6	0.51	1025	<10	320	<0.5	41	0.20	5.5	1	3	202	6.30
K274201		3.00	0.009	0.8	0.92	76	<10	580	0.8	<2	0.28	14.4	6	5	77	3.67
K274202		2.08	0.088	0.4	1.19	17	<10	320	<0.5	2	0.38	0.6	6	12	18	2.51
K274203		2.08	0.005	0.2	0.98	29	<10	270	0.7	<2	0.35	1.0	7	7	26	3.37
K274204		2.40	<0.005	0.2	1.45	8	<10	460	0.6	<2	0.41	0.5	6	8	16	2.92
K274205		3.27	<0.005	0.2	1.49	6	<10	330	0.6	<2	0.46	<0.5	7	7	19	2.90
K274206		2.65	0.014	1.0	1.23	9	<10	300	0.6	<2	0.36	1.1	6	7	42	2.79
K274207		2.28	<0.005	0.3	1.17	9	<10	320	0.6	<2	0.49	1.0	5	8	15	2.71
K274208		2.66	<0.005	0.4	0.91	18	<10	280	0.9	<2	0.35	1.7	7	6	24	2.69

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11125898

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274173		<10	<1	0.31	10	0.05	1035	4	0.01	1	410	431	0.19	11	3	14
K274174		<10	<1	0.28	20	0.06	1910	3	0.01	2	520	214	0.11	5	4	16
K274175		<10	<1	0.36	10	0.04	839	4	0.01	1	350	473	0.19	11	3	14
K274176		<10	<1	0.45	30	0.05	3140	13	0.01	3	640	949	0.41	16	4	24
K274177		<10	<1	0.31	20	0.16	1295	<1	0.02	3	590	180	0.07	<2	3	16
K274178		<10	<1	0.20	20	0.08	877	<1	0.02	1	630	221	0.03	<2	7	15
K274179		<10	<1	0.27	30	0.04	1105	3	0.01	1	550	105	0.05	4	4	14
K274180		<10	<1	0.27	30	0.04	1415	2	0.01	2	590	93	0.23	4	5	18
K274181		<10	1	0.32	20	0.05	6740	7	0.01	1	550	2290	0.31	9	5	22
K274182		<10	4	0.34	10	0.14	11700	6	0.01	<1	430	>10000	2.39	26	4	21
K274183		<10	<1	0.17	20	0.13	774	1	0.02	1	640	138	0.01	2	8	14
K274184		<10	<1	0.22	20	0.04	3490	1	0.01	1	490	313	0.05	2	2	15
K274185		<10	<1	0.26	20	0.07	2720	1	0.02	1	570	200	0.04	<2	3	16
K274186		<10	<1	0.25	20	0.05	1765	<1	0.01	1	610	51	0.03	<2	3	12
K274187		<10	<1	0.21	20	0.16	853	1	0.03	3	580	88	0.01	<2	5	16
K274188		<10	<1	0.21	20	0.51	1200	1	0.05	4	610	303	0.01	3	6	28
K274189		<10	<1	0.22	30	0.53	1510	1	0.02	4	580	131	<0.01	<2	6	18
K274190		<10	<1	0.17	20	0.62	641	1	0.08	5	600	20	<0.01	<2	5	29
K274191		10	1	0.23	10	1.13	624	45	0.33	318	660	8190	7.27	28	4	81
K274192		<10	<1	0.17	20	0.55	547	1	0.07	4	600	30	0.01	<2	4	26
K274193		<10	<1	0.09	20	0.53	491	<1	0.04	5	520	18	<0.01	<2	4	18
K274194		<10	<1	0.24	30	0.09	1510	2	0.02	3	520	153	0.01	2	6	13
K274195		<10	<1	0.23	20	0.54	618	1	0.06	5	590	22	<0.01	<2	4	22
K274196		<10	<1	0.22	20	0.29	1360	3	0.04	6	550	512	0.03	4	5	24
K274197		<10	<1	0.28	30	0.06	2250	7	0.01	4	520	1390	0.15	26	4	16
K274198		<10	<1	0.30	20	0.04	550	5	0.01	2	250	1340	0.27	15	2	16
K274199		<10	1	0.01	10	12.05	205	<1	0.02	4	160	6	0.07	<2	<1	52
K274200		<10	1	0.37	20	0.05	1130	9	0.01	<1	540	2410	0.47	25	3	31
K274201		<10	<1	0.30	40	0.16	2920	7	0.02	12	540	135	0.17	3	8	21
K274202		<10	<1	0.16	20	0.39	642	1	0.05	9	590	49	<0.01	<2	5	27
K274203		<10	<1	0.19	30	0.22	906	2	0.04	4	630	14	<0.01	2	10	19
K274204		10	<1	0.21	20	0.54	860	1	0.05	4	590	15	<0.01	<2	8	25
K274205		<10	<1	0.18	20	0.51	748	1	0.03	3	580	11	0.02	<2	8	21
K274206		<10	<1	0.23	20	0.35	1325	1	0.02	3	680	19	0.03	<2	7	17
K274207		<10	<1	0.20	20	0.32	828	1	0.04	4	600	22	0.01	<2	6	26
K274208		<10	<1	0.23	20	0.08	965	2	0.01	3	620	23	<0.01	<2	10	17

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VANCOUVER BC V6B 1L8

Finalized Date: 5- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11125898

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	0.001	0.001
K274173		<20	<0.01	<10	<10	26	<10	768		
K274174		<20	<0.01	<10	<10	25	<10	785		
K274175		<20	<0.01	<10	<10	24	<10	794		
K274176		<20	<0.01	<10	<10	45	<10	1195		
K274177		<20	<0.01	<10	<10	22	<10	527		
K274178		<20	<0.01	<10	<10	34	<10	366		
K274179		<20	<0.01	<10	<10	16	<10	479		
K274180		<20	<0.01	<10	<10	12	<10	457		
K274181		<20	<0.01	<10	<10	14	<10	1460		
K274182		<20	<0.01	<10	<10	12	<10	>10000	1.825	3.01
K274183		<20	0.01	<10	<10	40	<10	298		
K274184		<20	<0.01	<10	<10	12	<10	819		
K274185		<20	<0.01	<10	<10	19	<10	276		
K274186		<20	<0.01	<10	<10	16	<10	208		
K274187		<20	0.01	<10	<10	31	<10	279		
K274188		20	0.02	<10	<10	47	<10	265		
K274189		<20	0.01	<10	<10	35	<10	250		
K274190		<20	0.07	<10	<10	52	<10	84		
K274191		<20	0.06	<10	10	312	<10	7380		
K274192		<20	0.08	<10	<10	50	<10	103		
K274193		<20	0.06	<10	<10	44	<10	126		
K274194		20	<0.01	<10	<10	27	<10	539		
K274195		<20	0.05	<10	<10	43	<10	115		
K274196		<20	0.03	<10	<10	35	<10	354		
K274197		<20	<0.01	<10	<10	17	<10	739		
K274198		<20	<0.01	<10	<10	9	<10	463		
K274199		<20	<0.01	<10	<10	2	<10	18		
K274200		<20	<0.01	<10	<10	10	<10	983		
K274201		20	0.01	<10	<10	33	<10	1030		
K274202		<20	0.05	<10	<10	45	<10	103		
K274203		20	0.01	<10	<10	44	<10	214		
K274204		<20	0.04	<10	<10	50	<10	145		
K274205		<20	0.01	<10	<10	45	<10	87		
K274206		<20	0.01	<10	<10	38	<10	189		
K274207		<20	0.02	<10	<10	41	<10	150		
K274208		<20	<0.01	<10	<10	39	<10	210		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11125899

Project: Klaza TR- 28

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- AUG- 2011
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Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11125899

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273931		2.53	0.008	<0.2	1.01	15	<10	230	0.6	<2	2.00	3.6	8	6	10	2.75
K273932		3.42	<0.005	0.5	1.22	17	<10	340	0.7	<2	1.74	5.0	6	7	15	2.97
K273933		3.97	1.030	54.0	0.24	224	<10	10	<0.5	5	0.76	>1000	1	1	733	7.74
K273934		4.85	0.006	0.8	1.07	60	<10	540	0.7	<2	2.98	3.2	6	5	17	3.04
K273935		4.00	0.010	0.4	1.13	16	<10	250	0.6	<2	1.55	7.2	5	5	13	2.84
K273936		0.16	1.500	33.1	5.07	149	<10	40	<0.5	21	4.49	33.1	86	57	7290	8.39
K273937		3.27	<0.005	0.2	0.79	22	<10	930	0.6	<2	3.17	0.8	4	4	14	2.49
K273938		3.10	0.006	1.4	0.84	152	<10	720	0.8	<2	2.67	4.2	4	3	18	2.66
K273939		2.05	0.006	0.5	1.25	71	<10	260	0.5	2	2.05	0.9	3	6	6	2.96
K273940		2.86	<0.005	0.2	1.34	7	<10	250	0.5	<2	1.48	<0.5	4	6	11	2.73
K273941		2.86	<0.005	0.2	1.29	7	<10	220	0.5	<2	1.36	1.2	5	8	32	2.86
K273942		4.96	<0.005	<0.2	1.21	7	<10	200	0.6	<2	1.69	<0.5	5	6	23	2.67
K273943		4.29	<0.005	<0.2	1.40	10	<10	180	0.7	<2	2.01	<0.5	5	6	17	2.91
K273944		5.26	0.040	0.9	0.89	113	<10	510	0.7	<2	2.24	1.1	5	4	9	3.37
K273945		5.44	<0.005	<0.2	1.33	8	<10	310	0.6	<2	1.91	<0.5	6	6	8	2.86
K273946		4.59	0.007	0.2	0.94	14	<10	950	0.6	<2	2.40	<0.5	6	4	17	2.85
K273947		3.92	<0.005	<0.2	1.29	8	<10	140	0.5	<2	1.81	<0.5	6	6	8	2.76
K273948		3.72	<0.005	0.2	1.48	4	<10	230	0.7	<2	1.56	<0.5	6	6	7	2.88
K273949		2.91	<0.005	0.2	1.13	6	<10	330	0.6	<2	2.92	<0.5	6	5	14	2.58
K273950		4.71	<0.005	<0.2	1.18	7	<10	210	0.6	<2	1.68	<0.5	5	6	16	2.78
K274064		3.35	<0.005	<0.2	1.27	9	<10	170	0.7	<2	1.95	<0.5	8	6	7	2.71
K274065		3.76	0.008	0.5	0.75	60	<10	430	0.9	<2	1.95	0.6	7	2	5	2.48
K274066		4.24	<0.005	<0.2	0.98	16	<10	300	0.7	<2	2.77	<0.5	6	5	5	2.78
K274067		3.60	<0.005	0.2	1.12	32	<10	250	0.5	<2	1.46	<0.5	6	7	5	2.84
K274068		3.56	0.006	0.4	1.05	98	<10	210	0.6	<2	1.94	0.5	5	6	8	2.95
K274069		3.82	<0.005	0.8	0.84	18	<10	720	0.7	<2	2.70	1.9	6	4	9	2.71
K274070		3.09	0.128	2.1	0.69	131	<10	950	0.7	<2	1.86	3.7	19	3	23	3.82
K274071		2.31	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.7	<0.5	1	<1	<1	0.38
K274072		3.93	<0.005	<0.2	1.28	7	<10	270	0.5	<2	2.22	<0.5	5	7	9	2.73
K274073		3.82	<0.005	0.2	1.27	8	<10	230	0.5	<2	2.25	<0.5	5	6	8	2.76
K274074		2.41	<0.005	<0.2	1.20	8	<10	330	<0.5	<2	1.43	<0.5	9	8	6	3.03
K274075		4.41	<0.005	0.2	1.35	7	<10	430	0.5	<2	1.79	<0.5	7	6	8	2.77
K274076		2.97	0.096	0.8	0.82	95	<10	780	0.6	<2	2.76	1.4	7	5	10	3.26
K274077		3.45	0.006	0.3	1.69	17	<10	200	0.6	<2	0.41	0.8	5	7	7	3.07
K274078		3.57	0.232	3.3	0.75	636	<10	1200	0.7	<2	1.65	18.8	19	3	14	5.54
K274079		2.61	0.006	0.5	1.24	20	<10	460	0.7	<2	0.72	0.9	7	6	13	3.06

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Finalized Date: 5- AUG- 2011
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Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11125899

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273931		<10	<1	0.21	30	0.28	949	1	0.06	3	580	27	0.02	2	6	66
K273932		<10	<1	0.24	30	0.35	1290	2	0.05	3	590	51	0.03	3	7	66
K273933		10	9	0.15	<10	0.10	3100	1	0.01	1	90	1055	>10.0	17	<1	31
K273934		<10	<1	0.20	30	0.63	1705	2	0.04	4	550	51	0.11	3	6	94
K273935		<10	<1	0.24	20	0.42	908	2	0.07	1	560	29	0.08	3	6	50
K273936		10	2	0.24	10	1.17	642	44	0.34	320	680	8410	7.51	26	4	83
K273937		<10	<1	0.30	20	0.18	1435	2	0.04	2	500	24	0.07	<2	4	64
K273938		<10	<1	0.31	20	0.22	2560	6	0.02	2	580	215	0.08	4	6	55
K273939		10	<1	0.26	30	0.56	1270	16	0.05	3	560	43	0.06	<2	5	50
K273940		<10	<1	0.18	20	0.53	579	1	0.06	3	570	15	<0.01	2	7	66
K273941		<10	<1	0.21	20	0.57	701	2	0.10	3	690	56	<0.01	<2	6	64
K273942		<10	<1	0.18	20	0.50	600	1	0.06	2	560	13	<0.01	2	7	62
K273943		10	<1	0.19	30	0.50	717	1	0.04	3	600	15	<0.01	3	8	77
K273944		<10	<1	0.26	20	0.25	2400	2	0.03	3	560	101	0.66	6	7	61
K273945		<10	<1	0.18	30	0.49	724	1	0.04	2	610	14	0.02	2	8	62
K273946		<10	<1	0.24	20	0.39	1100	1	0.03	2	540	13	0.08	2	5	75
K273947		<10	<1	0.17	20	0.56	645	<1	0.05	2	580	12	<0.01	2	6	57
K273948		<10	<1	0.18	30	0.51	512	1	0.04	2	590	14	0.01	3	6	61
K273949		<10	<1	0.20	30	0.39	699	1	0.04	1	600	16	0.02	3	7	101
K273950		<10	<1	0.22	20	0.48	628	<1	0.08	2	600	13	0.01	2	7	64
K274064		<10	<1	0.21	20	0.32	634	1	0.05	2	590	14	0.01	2	7	71
K274065		<10	<1	0.30	20	0.14	2180	1	0.02	2	540	39	0.18	3	6	43
K274066		<10	<1	0.21	30	0.33	823	1	0.04	1	600	14	0.01	3	7	82
K274067		<10	<1	0.22	20	0.45	854	1	0.08	2	580	15	0.02	3	6	52
K274068		<10	<1	0.23	20	0.38	1280	1	0.05	2	540	23	0.17	2	6	56
K274069		<10	<1	0.25	30	0.18	1300	1	0.04	2	550	57	0.08	3	7	70
K274070		<10	<1	0.37	20	0.07	3530	3	0.02	3	510	73	0.24	8	4	41
K274071		<10	<1	0.02	<10	11.95	185	<1	0.02	1	180	2	<0.01	<2	<1	54
K274072		<10	<1	0.20	20	0.56	707	1	0.06	2	580	16	0.01	2	6	78
K274073		<10	<1	0.18	30	0.60	835	1	0.06	2	570	14	0.01	2	6	88
K274074		<10	<1	0.21	20	0.59	802	1	0.07	2	540	14	0.13	2	5	53
K274075		<10	<1	0.18	30	0.62	760	1	0.05	2	560	14	0.01	3	6	71
K274076		<10	<1	0.32	20	0.54	3230	2	0.04	2	530	35	0.44	3	4	73
K274077		<10	<1	0.22	30	0.67	708	2	0.03	3	660	14	<0.01	<2	7	18
K274078		<10	<1	0.30	20	0.13	10300	3	0.03	3	400	644	0.26	13	4	87
K274079		<10	<1	0.25	30	0.29	1005	1	0.03	2	620	33	0.02	2	6	25

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11125899

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
K273931		<20	<0.01	<10	<10	40	<10	544	
K273932		<20	0.01	<10	<10	41	<10	657	
K273933		<20	<0.01	<10	<10	4	<10	>10000	26.5
K273934		<20	0.01	<10	<10	36	<10	377	
K273935		<20	0.01	<10	<10	39	<10	772	
K273936		<20	0.06	<10	10	323	<10	7670	
K273937		<20	<0.01	<10	<10	24	<10	108	
K273938		<20	<0.01	<10	<10	29	<10	390	
K273939		<20	<0.01	<10	<10	38	<10	157	
K273940		<20	0.02	<10	<10	48	<10	60	
K273941		<20	0.05	<10	<10	60	<10	145	
K273942		<20	0.01	<10	<10	44	<10	56	
K273943		<20	0.01	<10	<10	49	<10	52	
K273944		<20	<0.01	<10	<10	31	<10	139	
K273945		<20	0.01	<10	<10	45	<10	49	
K273946		<20	<0.01	<10	<10	33	<10	58	
K273947		<20	0.01	<10	<10	44	<10	56	
K273948		<20	0.01	<10	<10	45	<10	46	
K273949		20	0.01	<10	<10	38	<10	51	
K273950		<20	0.01	<10	<10	45	<10	54	
K274064		<20	0.01	<10	<10	38	<10	58	
K274065		<20	<0.01	<10	<10	23	<10	109	
K274066		<20	0.01	<10	<10	38	<10	54	
K274067		<20	0.01	<10	<10	42	<10	63	
K274068		<20	<0.01	<10	<10	36	<10	83	
K274069		<20	<0.01	<10	<10	32	<10	194	
K274070		<20	<0.01	<10	<10	18	<10	304	
K274071		<20	<0.01	<10	<10	2	<10	22	
K274072		<20	0.01	<10	<10	43	<10	60	
K274073		<20	0.01	<10	<10	43	<10	87	
K274074		<20	0.03	<10	<10	43	<10	84	
K274075		<20	0.01	<10	<10	43	<10	68	
K274076		<20	<0.01	<10	<10	27	<10	180	
K274077		20	0.01	<10	<10	47	<10	140	
K274078		<20	<0.01	<10	<10	18	<10	1140	
K274079		<20	0.01	<10	<10	41	<10	134	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11125930

Project: Klaza TR- 28

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11125930

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273664		3.42	0.005	0.5	1.06	22	<10	430	0.7	2	0.33	0.9	5	6	14	2.57
K273665		3.27	0.072	3.1	0.71	147	<10	930	0.7	2	0.23	3.0	5	3	32	3.69
K273666		3.50	<0.005	0.4	0.91	15	<10	260	0.7	2	0.35	<0.5	5	5	11	2.93
K273667		2.35	0.029	0.3	0.76	19	<10	570	0.8	3	0.27	0.5	5	4	11	3.07
K273668		2.74	<0.005	0.3	1.17	9	<10	390	0.8	3	0.29	<0.5	6	5	11	2.51
K273669		4.16	<0.005	0.4	1.02	5	<10	810	1.1	2	1.85	<0.5	3	3	2	1.62
K273670		3.23	<0.005	0.4	1.13	3	<10	1280	1.4	<2	3.21	<0.5	3	4	1	1.44
K273671		4.53	<0.005	0.4	0.93	2	<10	1400	1.0	<2	3.75	<0.5	3	2	2	1.43
K273672		5.23	<0.005	0.4	0.83	<2	<10	1050	1.1	2	2.59	<0.5	3	2	1	1.67
K273673		3.63	<0.005	0.4	1.15	<2	<10	1450	1.3	<2	2.65	<0.5	3	3	2	1.73
K273674		5.63	<0.005	0.3	0.80	7	<10	1510	1.3	2	2.18	<0.5	2	2	1	1.22
K273675		3.37	<0.005	0.5	0.69	3	<10	880	1.2	2	1.93	<0.5	1	1	<1	0.69
K273676		4.05	<0.005	0.9	0.76	6	<10	2200	1.2	2	2.45	<0.5	3	2	2	1.49
K273677		2.95	<0.005	0.5	0.86	3	<10	2110	1.2	2	3.09	<0.5	3	2	1	1.58
K273678		3.93	<0.005	<0.2	0.77	4	<10	1230	1.2	<2	1.14	<0.5	1	2	2	1.06
K273679		1.69	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	18.6	<0.5	<1	1	2	0.44
K273680		3.57	<0.005	<0.2	0.92	6	<10	1180	1.2	<2	1.62	<0.5	2	3	1	1.64
K273681		4.88	0.005	<0.2	0.74	5	<10	1040	0.7	<2	1.18	<0.5	3	5	3	2.68
K273682		2.41	0.007	<0.2	0.69	16	<10	830	0.7	<2	1.26	<0.5	3	4	4	2.75
K273683		0.12	1.530	32.0	4.88	147	<10	40	<0.5	14	4.50	32.0	84	57	7440	8.25
K273684		4.95	0.007	<0.2	0.66	11	<10	2090	0.7	<2	0.96	<0.5	8	5	10	2.75
K273685		3.35	0.008	<0.2	0.66	27	<10	990	0.7	<2	0.55	<0.5	58	4	5	3.23
K273686		3.94	0.005	<0.2	0.80	5	<10	1200	0.7	<2	0.52	<0.5	6	5	7	2.67
K273687		3.08	0.005	<0.2	0.92	6	<10	420	0.7	<2	0.48	<0.5	8	6	9	2.65
K273688		3.22	<0.005	0.2	1.04	4	<10	400	0.6	<2	0.83	<0.5	7	6	5	2.67
K273689		3.67	0.010	0.4	0.90	18	<10	1020	0.6	<2	0.70	0.7	5	6	6	2.77
K273690		5.49	0.008	0.3	0.63	13	<10	2270	0.6	<2	0.79	1.1	7	4	12	2.75
K273691		3.16	0.006	0.2	0.69	15	<10	2320	0.6	<2	1.03	<0.5	7	4	8	2.90
K273692		3.71	0.009	0.2	0.74	43	<10	940	0.6	<2	0.93	<0.5	12	4	7	2.87
K273693		3.70	<0.005	<0.2	0.71	4	<10	1160	0.6	<2	0.86	<0.5	7	6	6	3.02
K273694		3.60	<0.005	<0.2	1.27	3	<10	580	0.5	<2	0.98	<0.5	4	7	5	2.92
K273695		3.40	<0.005	<0.2	0.80	24	<10	910	0.6	<2	1.07	<0.5	11	6	5	2.75
K273696		4.27	0.007	0.2	1.00	10	<10	3080	0.6	<2	0.38	<0.5	5	5	5	2.49
K273697		4.63	<0.005	<0.2	1.14	8	<10	1590	0.5	<2	0.95	<0.5	3	6	2	2.37
K273698		4.38	<0.005	0.3	0.84	15	<10	2590	0.8	<2	0.39	<0.5	11	4	7	2.51
K273699		2.68	<0.005	0.4	0.87	22	<10	640	0.7	<2	0.42	1.6	16	4	8	3.62

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11125930

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273664		<10	<1	0.23	20	0.31	955	1	0.03	3	610	37	0.03	3	5	27
K273665		<10	<1	0.35	30	0.06	3600	4	0.01	4	510	1370	0.24	14	5	29
K273666		<10	<1	0.23	20	0.21	1140	1	0.03	2	590	17	0.04	2	7	20
K273667		<10	<1	0.22	30	0.05	994	1	0.03	3	590	18	0.03	3	8	18
K273668		<10	1	0.19	20	0.23	571	1	0.01	2	630	13	0.02	3	8	17
K273669		<10	<1	0.38	20	0.13	514	<1	0.02	1	510	16	0.04	<2	5	93
K273670		<10	<1	0.44	20	0.18	494	<1	0.02	1	550	16	0.04	<2	4	166
K273671		<10	<1	0.37	20	0.12	561	<1	0.03	1	480	16	0.05	<2	3	242
K273672		<10	<1	0.32	20	0.11	593	<1	0.02	<1	520	16	0.04	<2	4	168
K273673		<10	<1	0.47	30	0.14	569	<1	0.03	1	520	15	0.05	<2	4	183
K273674		<10	<1	0.37	20	0.10	473	1	0.02	<1	310	20	0.05	<2	3	172
K273675		<10	<1	0.33	10	0.08	355	<1	0.01	1	120	17	0.03	<2	3	146
K273676		<10	<1	0.33	20	0.09	541	1	0.03	1	330	36	0.07	<2	3	157
K273677		<10	<1	0.37	20	0.11	635	<1	0.04	1	470	16	0.07	<2	4	186
K273678		<10	<1	0.34	10	0.09	464	1	0.01	1	150	29	0.05	<2	2	56
K273679		<10	<1	0.01	<10	11.75	206	<1	0.02	2	170	<2	0.03	<2	<1	50
K273680		<10	<1	0.35	20	0.11	656	<1	0.02	1	430	22	0.05	<2	4	107
K273681		<10	<1	0.27	20	0.12	748	<1	0.06	1	550	18	0.05	2	6	46
K273682		<10	<1	0.29	20	0.08	994	<1	0.05	1	550	11	0.07	<2	4	46
K273683		10	<1	0.24	<10	1.13	629	44	0.34	312	670	8340	7.35	33	4	78
K273684		<10	<1	0.29	20	0.10	1145	<1	0.04	1	580	17	0.13	<2	4	42
K273685		<10	<1	0.31	20	0.11	1850	<1	0.03	2	590	12	0.35	<2	3	32
K273686		<10	<1	0.33	30	0.11	761	<1	0.05	4	590	15	0.05	2	4	25
K273687		<10	<1	0.34	30	0.15	695	<1	0.05	2	590	32	0.03	3	4	19
K273688		<10	<1	0.32	30	0.36	700	<1	0.05	2	610	26	0.03	<2	4	24
K273689		<10	<1	0.36	30	0.18	1200	<1	0.05	2	630	70	0.06	<2	5	27
K273690		<10	<1	0.34	20	0.06	1055	<1	0.03	2	590	59	0.10	2	4	31
K273691		<10	<1	0.39	20	0.07	1110	<1	0.03	2	600	14	0.11	<2	4	31
K273692		<10	<1	0.39	20	0.07	2110	<1	0.03	1	580	18	0.13	2	4	31
K273693		<10	<1	0.33	20	0.12	900	<1	0.05	1	610	9	0.06	2	3	34
K273694		<10	<1	0.29	20	0.56	739	<1	0.06	2	600	10	0.03	2	4	36
K273695		<10	<1	0.34	30	0.14	698	<1	0.06	2	600	13	0.08	2	3	33
K273696		<10	<1	0.34	30	0.30	811	<1	0.05	2	560	12	0.12	<2	3	70
K273697		<10	<1	0.31	30	0.49	760	<1	0.05	2	600	15	0.08	<2	3	90
K273698		<10	<1	0.35	20	0.10	1225	<1	0.03	2	620	30	0.12	<2	4	89
K273699		<10	<1	0.31	30	0.20	2250	<1	0.03	2	640	81	0.16	2	5	24

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11125930

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273664		<20	0.01	<10	<10	36	<10	81
K273665		<20	<0.01	<10	<10	19	<10	369
K273666		<20	0.01	<10	<10	37	<10	62
K273667		<20	<0.01	<10	<10	35	<10	56
K273668		<20	<0.01	<10	<10	39	<10	41
K273669		<20	<0.01	<10	<10	20	<10	33
K273670		<20	0.01	<10	<10	18	<10	32
K273671		<20	<0.01	<10	<10	11	<10	38
K273672		<20	<0.01	<10	<10	15	<10	38
K273673		<20	<0.01	<10	<10	16	<10	36
K273674		<20	<0.01	<10	<10	10	<10	23
K273675		<20	<0.01	<10	<10	7	<10	15
K273676		<20	<0.01	<10	<10	13	<10	39
K273677		<20	<0.01	<10	<10	15	<10	34
K273678		<20	<0.01	<10	<10	6	<10	27
K273679		<20	<0.01	<10	10	1	<10	16
K273680		<20	<0.01	<10	<10	16	<10	41
K273681		<20	<0.01	<10	<10	34	<10	68
K273682		<20	<0.01	<10	<10	29	<10	65
K273683		<20	0.06	<10	<10	318	<10	7360
K273684		<20	<0.01	<10	<10	28	<10	61
K273685		<20	<0.01	<10	<10	23	<10	61
K273686		<20	<0.01	<10	<10	31	<10	73
K273687		<20	<0.01	<10	<10	30	<10	77
K273688		<20	<0.01	<10	<10	32	<10	82
K273689		<20	<0.01	<10	<10	28	<10	124
K273690		<20	<0.01	<10	<10	24	<10	152
K273691		<20	<0.01	<10	<10	25	<10	82
K273692		<20	<0.01	<10	<10	24	<10	72
K273693		<20	<0.01	<10	<10	29	<10	62
K273694		<20	<0.01	<10	<10	37	<10	67
K273695		<20	<0.01	<10	<10	30	<10	58
K273696		<20	<0.01	<10	<10	25	<10	60
K273697		<20	<0.01	<10	<10	29	<10	65
K273698		<20	<0.01	<10	<10	26	<10	70
K273699		<20	<0.01	<10	<10	31	<10	186

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11125939

Project: Klaza- DDH- 14

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11125939

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271229		3.41	<0.005	<0.2	1.35	10	<10	240	0.7	3	1.60	<0.5	9	6	12	3.08
K271230		10.08	<0.005	<0.2	1.02	5	<10	280	<0.5	<2	1.73	<0.5	7	7	6	2.62
K271231		11.90	<0.005	<0.2	1.17	15	<10	320	<0.5	<2	1.28	<0.5	6	9	10	2.48
K271232		12.52	<0.005	<0.2	1.24	7	<10	270	<0.5	<2	1.03	<0.5	6	9	10	2.53
K271233		12.66	<0.005	<0.2	1.34	13	<10	140	<0.5	<2	1.08	<0.5	6	9	13	2.50
K271234		0.11	1.420	32.5	4.81	143	<10	50	<0.5	20	4.24	31.3	87	54	6890	7.97
K271235		3.43	<0.005	<0.2	1.30	10	<10	130	<0.5	<2	1.01	<0.5	5	8	21	2.45
K271236		9.15	0.006	0.3	1.18	11	<10	320	<0.5	<2	1.69	1.0	6	9	16	2.76
K271237		9.06	<0.005	0.2	1.13	9	<10	250	0.5	<2	1.36	0.7	7	8	11	2.71
K271238		5.93	<0.005	<0.2	1.05	17	<10	160	<0.5	<2	1.30	<0.5	6	11	8	2.57
K271239		3.78	0.072	9.7	0.74	64	<10	290	0.5	4	2.52	73.1	8	6	231	3.00
K271240		1.91	0.005	<0.2	0.04	4	<10	10	<0.5	<2	19.2	<0.5	<1	1	<1	0.45
K271241		5.02	<0.005	<0.2	1.15	6	<10	140	<0.5	<2	1.48	<0.5	7	8	15	2.61
K271242		7.73	0.005	1.1	1.32	6	<10	170	<0.5	<2	1.60	8.2	6	8	12	2.82
K271243		10.94	0.009	0.6	1.19	19	<10	250	<0.5	<2	1.51	4.4	6	9	6	2.72
K271244		8.30	<0.005	<0.2	1.20	6	<10	610	<0.5	<2	1.24	<0.5	6	9	7	2.59
K271245		5.05	0.578	>100	0.52	869	<10	70	0.6	29	1.84	95.5	14	4	754	4.58
K271246		8.45	0.087	3.9	0.60	83	<10	180	0.6	2	1.72	13.6	8	6	26	2.81
K271247		2.21	<0.005	<0.2	0.04	5	<10	20	<0.5	<2	18.5	<0.5	<1	<1	3	0.43
K271248		11.05	0.012	0.5	1.09	20	<10	440	<0.5	<2	1.71	1.6	8	7	9	2.72
K271249		8.66	<0.005	<0.2	1.06	10	<10	430	<0.5	<2	1.53	<0.5	6	8	10	2.61
K271250		8.13	<0.005	0.2	0.97	12	<10	350	0.6	<2	1.40	<0.5	6	7	11	2.81
K271251		7.61	<0.005	<0.2	1.27	7	<10	210	<0.5	<2	1.08	<0.5	6	9	11	2.56
K271252		9.66	<0.005	<0.2	1.31	6	<10	230	<0.5	<2	1.33	<0.5	5	11	10	2.56
K271253		12.72	<0.005	0.2	1.26	7	<10	220	<0.5	<2	1.21	<0.5	5	9	13	2.65
K271254		0.02	1.565	32.0	4.79	144	<10	60	<0.5	12	4.21	31.1	90	55	6880	7.94
K271255		11.89	<0.005	<0.2	1.27	8	<10	250	<0.5	<2	1.30	<0.5	7	10	19	2.77
K271256		12.29	<0.005	<0.2	1.18	7	<10	190	<0.5	<2	1.65	<0.5	5	9	16	2.57
K271257		11.96	<0.005	<0.2	1.25	9	<10	160	<0.5	<2	1.43	<0.5	6	10	11	2.72
K271258		12.56	0.005	<0.2	1.21	12	<10	400	<0.5	<2	1.25	<0.5	6	9	9	2.79
K271259		5.15	<0.005	<0.2	1.15	11	<10	260	<0.5	<2	1.27	<0.5	6	8	10	2.62
K271260		12.42	0.005	<0.2	1.13	5	<10	340	<0.5	<2	1.44	<0.5	6	8	7	2.77
K271261		8.49	<0.005	<0.2	1.04	9	<10	330	<0.5	<2	1.25	<0.5	6	9	9	2.62
K271262		9.46	0.009	0.2	0.82	15	<10	260	0.5	2	1.88	<0.5	8	7	4	3.14
K271263		6.78	<0.005	<0.2	1.04	7	<10	390	<0.5	2	1.75	<0.5	7	8	8	2.89
K271264		5.46	<0.005	<0.2	1.23	4	<10	210	0.5	<2	1.28	<0.5	6	8	5	2.90

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VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11125939

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271229		<10	1	0.20	30	0.61	692	3	0.01	2	600	8	0.08	2	9	51
K271230		<10	<1	0.21	20	0.51	496	3	0.08	3	550	9	0.02	<2	6	73
K271231		10	<1	0.22	20	0.56	436	3	0.10	2	530	8	0.04	<2	5	56
K271232		10	<1	0.20	20	0.66	464	3	0.11	2	550	11	0.02	<2	4	50
K271233		10	1	0.15	20	0.65	370	4	0.11	3	580	11	0.02	<2	4	49
K271234		10	1	0.23	10	1.10	607	45	0.32	304	660	7940	7.09	28	4	78
K271235		10	<1	0.15	20	0.64	347	4	0.10	3	560	29	0.02	<2	3	47
K271236		10	<1	0.21	20	0.58	1005	5	0.09	3	570	70	0.07	<2	5	65
K271237		<10	<1	0.20	20	0.56	558	4	0.08	3	580	18	0.10	2	6	62
K271238		<10	<1	0.16	20	0.60	489	6	0.10	3	540	8	0.10	<2	5	61
K271239		<10	<1	0.26	20	0.75	1455	4	0.04	3	510	510	1.17	11	5	100
K271240		<10	<1	0.01	10	11.85	219	3	0.02	4	210	2	0.02	<2	<1	54
K271241		<10	<1	0.18	20	0.62	591	5	0.08	2	520	8	0.13	<2	5	60
K271242		10	<1	0.21	20	0.70	704	4	0.09	3	540	466	0.21	2	5	62
K271243		<10	<1	0.22	20	0.64	898	4	0.08	3	540	254	0.32	<2	4	57
K271244		10	<1	0.18	20	0.63	453	5	0.10	3	550	9	0.14	<2	4	73
K271245		<10	1	0.27	10	0.49	4290	5	0.01	2	450	9550	3.65	118	4	53
K271246		<10	<1	0.36	10	0.51	1490	5	0.01	2	500	813	1.90	3	3	54
K271247		<10	<1	0.02	10	11.80	198	3	0.02	4	190	14	0.02	<2	<1	51
K271248		<10	<1	0.26	20	0.65	862	4	0.07	2	540	92	0.45	2	6	73
K271249		<10	<1	0.26	20	0.67	554	4	0.10	3	520	11	0.02	<2	6	77
K271250		<10	1	0.21	30	0.45	720	5	0.04	3	580	52	0.11	2	7	67
K271251		<10	<1	0.19	20	0.63	449	4	0.11	2	550	11	0.03	<2	4	54
K271252		10	<1	0.20	20	0.60	573	4	0.11	3	540	12	0.04	<2	4	55
K271253		10	<1	0.17	20	0.65	585	7	0.10	2	570	17	0.05	<2	4	54
K271254		10	1	0.23	10	1.10	605	47	0.32	308	650	7880	6.98	27	4	79
K271255		10	1	0.18	20	0.67	479	6	0.13	2	570	23	0.10	<2	5	57
K271256		10	<1	0.15	20	0.59	529	4	0.09	3	580	12	0.03	<2	4	61
K271257		10	<1	0.16	20	0.68	492	4	0.10	2	580	12	0.09	<2	5	60
K271258		10	1	0.16	20	0.72	470	2	0.09	1	580	10	0.13	<2	5	65
K271259		10	1	0.16	20	0.64	448	1	0.08	1	560	8	0.06	<2	5	62
K271260		<10	<1	0.18	20	0.67	528	1	0.08	1	560	7	0.14	<2	6	69
K271261		10	<1	0.19	20	0.59	452	2	0.10	1	550	6	0.04	<2	5	74
K271262		<10	1	0.22	20	0.64	575	2	0.05	1	550	8	0.90	<2	6	93
K271263		<10	1	0.20	20	0.66	525	2	0.10	<1	570	6	0.17	<2	7	112
K271264		10	1	0.15	20	0.67	428	2	0.07	1	580	7	0.08	2	6	84

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11125939

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K271229		<20	0.01	<10	<10	43	<10	42	<1	
K271230		<20	0.06	<10	<10	44	<10	31	<1	
K271231		<20	0.08	<10	<10	47	<10	31	<1	
K271232		<20	0.12	<10	<10	52	<10	31	<1	
K271233		<20	0.13	<10	<10	52	<10	30	<1	
K271234		<20	0.05	<10	10	300	<10	7160	29	
K271235		<20	0.13	<10	<10	49	<10	41	<1	
K271236		<20	0.07	<10	<10	46	<10	146	<1	
K271237		<20	0.06	<10	<10	46	<10	96	<1	
K271238		<20	0.05	<10	<10	44	<10	31	<1	
K271239		<20	0.01	<10	<10	29	<10	7490	8	
K271240		<20	<0.01	<10	<10	2	<10	36	<1	
K271241		<20	0.05	<10	<10	43	<10	46	<1	
K271242		<20	0.05	<10	<10	48	<10	844	<1	
K271243		<20	0.07	<10	<10	47	<10	483	<1	
K271244		<20	0.10	<10	<10	49	<10	33	<1	
K271245		<20	<0.01	<10	<10	15	<10	>10000	135	1.065
K271246		<20	<0.01	<10	<10	13	<10	1620	3	
K271247		<20	<0.01	<10	<10	2	<10	32	<1	
K271248		<20	0.02	<10	<10	40	<10	168	<1	
K271249		<20	0.07	<10	<10	44	<10	37	<1	
K271250		<20	0.03	<10	<10	42	<10	70	<1	
K271251		<20	0.13	<10	<10	51	<10	33	<1	
K271252		<20	0.12	<10	<10	50	<10	43	<1	
K271253		<20	0.12	<10	<10	52	<10	44	<1	
K271254		<20	0.05	<10	<10	307	<10	7190	30	
K271255		<20	0.13	<10	<10	56	<10	39	<1	
K271256		<20	0.09	<10	<10	49	<10	34	<1	
K271257		<20	0.10	<10	<10	54	<10	33	<1	
K271258		<20	0.10	<10	<10	55	<10	31	<1	
K271259		<20	0.09	<10	<10	51	<10	30	<1	
K271260		<20	0.05	<10	<10	48	<10	33	<1	
K271261		<20	0.06	<10	<10	46	<10	33	<1	
K271262		<20	0.01	<10	<10	35	<10	31	<1	
K271263		<20	0.02	<10	<10	44	<10	32	<1	
K271264		<20	0.04	<10	<10	45	<10	31	<1	

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126381

Project: Klaza DDH- 19

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 19

CERTIFICATE OF ANALYSIS WH11126381

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K272121		12.56	<0.005		0.3	0.98	33	<10	230	<0.5	<2	1.84	<0.5	5	10	6
K272122		11.74	<0.005		0.2	1.03	8	<10	190	<0.5	<2	1.18	<0.5	5	10	7
K272123		11.98	<0.005		0.2	1.09	7	<10	160	<0.5	<2	0.92	<0.5	5	11	14
K272124		12.62	<0.005		0.4	1.02	16	<10	250	<0.5	<2	1.77	<0.5	8	9	5
K272125		12.22	<0.005		0.2	1.08	11	<10	140	<0.5	<2	0.98	<0.5	5	9	13
K272126		0.22	1.610		33.2	4.88	144	<10	50	<0.5	12	4.42	32.0	78	55	7310
K272127		12.22	<0.005		0.3	1.13	12	<10	260	<0.5	<2	1.38	<0.5	6	10	33
K272128		11.50	<0.005		0.2	1.05	10	<10	160	<0.5	<2	1.24	<0.5	7	10	6
K272129		12.42	0.011		1.5	0.95	14	<10	130	<0.5	<2	1.17	1.0	6	10	9
K272130		11.68	<0.005		0.3	1.10	15	<10	350	<0.5	<2	1.64	<0.5	6	8	7
K272131		12.44	<0.005		0.4	1.09	3	<10	540	<0.5	2	1.34	<0.5	6	8	9
K272132		10.68	0.008		0.3	1.11	21	<10	280	<0.5	2	1.65	<0.5	7	8	10
K272133		6.36	0.020		1.7	0.76	10	<10	480	0.6	5	1.36	<0.5	7	5	15
K272134		5.58	0.011		0.7	0.56	21	<10	640	0.8	<2	1.60	2.4	6	5	12
K272135		6.50	0.999		19.4	0.37	2850	<10	30	0.5	5	1.50	89.1	9	3	142
K272136		3.76	<0.005		<0.2	0.04	7	<10	70	<0.5	<2	18.6	<0.5	1	1	1
K272137		7.02	0.334		3.3	0.38	1190	<10	30	0.6	2	1.58	8.8	5	3	16
K272138		5.16	0.453		9.7	0.41	1525	<10	40	0.7	2	1.90	83.0	6	3	82
K272139		10.54	0.101		1.5	0.61	112	<10	190	0.6	<2	2.01	1.9	6	5	15
K272140		9.92	0.646		9.5	0.37	265	<10	80	0.6	5	1.91	23.6	6	3	124
K272141		5.52	0.061		7.0	0.41	164	<10	150	0.8	<2	2.20	14.0	5	3	49
K272142		11.88	<0.005		0.5	0.54	10	<10	900	0.8	<2	2.82	<0.5	5	3	8
K272143		5.52	<0.005		0.4	0.54	5	<10	970	0.8	<2	2.92	<0.5	5	3	9
K272144		11.66	<0.005		0.2	0.49	4	<10	1820	0.7	<2	1.93	<0.5	4	4	3
K272145		6.38	0.018		0.5	0.52	76	<10	430	0.9	<2	2.31	0.5	6	4	17
K272146		8.18	0.142		2.3	0.47	121	<10	370	0.9	<2	2.33	5.7	6	4	23
K272147		0.28	3.27		>100	0.17	>10000	<10	10	<0.5	2	0.39	318	1	8	1580
K272148		10.04	0.028		0.4	0.50	35	<10	1020	0.9	<2	3.18	<0.5	6	2	8
K272149		10.42	0.018		0.5	0.50	50	<10	730	0.9	<2	3.07	<0.5	6	3	6
K272150		2.04	>10.0	19.70	>100	0.35	9790	<10	20	0.5	16	0.73	>1000	5	2	2370
K272151		2.90	0.014		0.2	0.05	9	<10	20	<0.5	<2	21.0	<0.5	<1	1	1
K272152		2.82	0.023		0.7	0.64	25	<10	2000	1.0	<2	2.04	1.3	6	6	10
K272153		7.26	0.233		5.2	0.27	445	<10	10	<0.5	6	0.58	2.8	12	2	7
K272154		5.50	0.052		3.7	0.28	102	<10	40	<0.5	4	0.17	1.9	10	4	4
K272155		4.18	0.085		4.9	0.31	148	<10	30	<0.5	3	0.78	14.2	8	4	15
K272156		11.90	0.038		1.2	0.38	34	<10	60	<0.5	<2	2.30	2.4	8	4	4

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 19

CERTIFICATE OF ANALYSIS WH11126381

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K272121		2.50	<10	<1	0.16	20	0.65	700	1	0.07	1	560	10	0.18	<2	5
K272122		2.46	<10	<1	0.13	20	0.63	476	1	0.08	1	580	9	0.10	<2	4
K272123		2.45	<10	1	0.14	10	0.67	372	1	0.09	1	560	8	0.06	<2	4
K272124		2.72	<10	<1	0.16	20	0.63	650	1	0.06	1	600	14	0.40	<2	6
K272125		2.44	<10	<1	0.11	20	0.69	366	1	0.09	1	580	9	0.09	<2	4
K272126		8.00	<10	1	0.23	10	1.14	611	48	0.34	299	690	8040	7.41	26	4
K272127		2.48	<10	<1	0.13	20	0.70	495	1	0.08	3	570	21	0.11	<2	5
K272128		2.53	<10	<1	0.12	20	0.72	443	1	0.08	1	550	9	0.27	<2	5
K272129		2.44	<10	<1	0.12	20	0.62	511	2	0.06	1	570	102	0.13	<2	4
K272130		2.49	<10	<1	0.11	20	0.75	553	<1	0.07	1	580	9	0.17	<2	5
K272131		2.66	<10	<1	0.14	20	0.75	492	<1	0.07	1	580	13	0.35	<2	5
K272132		2.73	<10	<1	0.13	20	0.72	603	1	0.07	1	580	12	0.46	<2	6
K272133		2.47	<10	<1	0.15	30	0.45	525	1	0.03	1	620	15	0.47	<2	7
K272134		2.38	<10	<1	0.24	10	0.61	636	2	0.02	3	760	89	0.28	2	4
K272135		4.38	<10	1	0.27	10	0.46	1900	3	0.02	<1	500	4760	4.30	28	2
K272136		0.36	<10	<1	0.02	<10	12.00	183	<1	0.03	1	270	9	0.01	<2	<1
K272137		3.81	<10	<1	0.26	10	0.48	1785	<1	0.02	<1	520	434	3.66	12	3
K272138		3.70	<10	<1	0.27	10	0.50	1635	1	0.02	<1	560	1930	3.04	18	4
K272139		2.88	<10	<1	0.23	20	0.60	1705	1	0.03	1	580	133	1.06	4	6
K272140		3.63	<10	1	0.28	10	0.58	2580	1	0.02	<1	520	1540	2.43	18	4
K272141		2.67	<10	<1	0.28	20	0.65	1880	1	0.02	1	510	2270	1.16	9	4
K272142		2.04	<10	<1	0.25	10	0.72	525	1	0.03	2	820	20	0.07	<2	4
K272143		2.02	<10	<1	0.25	10	0.72	516	1	0.03	2	820	17	0.04	3	4
K272144		1.94	<10	<1	0.25	10	0.74	538	<1	0.03	2	880	14	0.05	2	4
K272145		2.76	<10	<1	0.27	20	0.85	884	1	0.03	1	600	42	0.75	3	6
K272146		2.63	<10	<1	0.24	20	0.82	832	1	0.03	<1	550	330	0.72	2	6
K272147		12.95	<10	1	0.07	<10	0.17	1415	<1	0.02	9	140	>10000	>10.0	546	1
K272148		2.14	<10	<1	0.26	10	0.98	599	1	0.03	3	670	54	0.25	<2	3
K272149		2.15	<10	<1	0.27	10	0.92	645	1	0.02	2	640	31	0.21	<2	3
K272150		5.77	<10	3	0.20	<10	0.28	890	9	0.01	2	300	>10000	8.73	435	1
K272151		0.41	<10	<1	0.02	<10	12.50	202	<1	0.02	<1	260	33	0.09	<2	<1
K272152		2.37	<10	<1	0.25	10	0.82	648	<1	0.04	5	1180	113	0.11	3	5
K272153		23.1	10	1	0.22	<10	0.15	196	6	0.01	<1	870	221	>10.0	14	<1
K272154		8.12	<10	1	0.25	<10	0.03	73	2	<0.01	1	410	146	9.32	2	<1
K272155		4.46	<10	<1	0.28	<10	0.18	1210	6	<0.01	2	460	779	4.70	6	1
K272156		2.57	<10	<1	0.29	10	0.69	1300	3	0.01	4	490	194	1.89	2	2

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Finalized Date: 22- AUG- 2011
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Project: Klaza DDH- 19

CERTIFICATE OF ANALYSIS WH11126381

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K272121		66	<20	0.04	<10	<10	42	<10	37	<1		
K272122		53	<20	0.08	<10	<10	49	<10	28	<1		
K272123		45	<20	0.12	<10	<10	53	<10	27	<1		
K272124		71	<20	0.03	<10	<10	43	<10	39	1		
K272125		51	<20	0.11	<10	<10	51	<10	26	<1		
K272126		83	<20	0.06	<10	10	309	20	7380	31		
K272127		63	<20	0.07	<10	<10	50	<10	62	<1		
K272128		58	<20	0.06	<10	<10	50	<10	32	<1		
K272129		54	<20	0.08	<10	<10	47	<10	83	<1		
K272130		76	<20	0.06	<10	<10	49	<10	32	<1		
K272131		85	<20	0.05	<10	<10	49	<10	38	2		
K272132		111	<20	0.02	<10	<10	43	<10	43	2		
K272133		66	<20	<0.01	<10	<10	34	<10	43	3		
K272134		166	<20	<0.01	<10	<10	21	<10	207	1		
K272135		58	<20	<0.01	<10	<10	7	10	5670	19		
K272136		61	<20	<0.01	<10	<10	1	<10	26	1		
K272137		66	<20	<0.01	<10	<10	8	<10	621	4		
K272138		92	<20	<0.01	<10	<10	12	10	5480	1		
K272139		116	<20	<0.01	<10	<10	23	<10	225	1		
K272140		89	<20	<0.01	<10	<10	11	<10	1945	9		
K272141		138	<20	<0.01	<10	<10	12	<10	1510	7		
K272142		426	<20	<0.01	<10	<10	18	<10	58	1		
K272143		453	<20	<0.01	<10	<10	18	<10	51	<1		
K272144		207	<20	<0.01	<10	<10	19	<10	48	<1		
K272145		148	<20	<0.01	<10	<10	16	<10	57	<1		
K272146		155	<20	<0.01	<10	<10	17	<10	397	2		
K272147		21	<20	<0.01	<10	<10	7	150	>10000	417	3.14	3.58
K272148		183	<20	<0.01	<10	<10	26	<10	92	1		
K272149		200	<20	<0.01	<10	<10	27	<10	71	1		
K272150		52	<20	<0.01	<10	<10	7	10	>10000	314	6.89	6.64
K272151		55	<20	<0.01	<10	<10	2	<10	56	<1		
K272152		250	<20	<0.01	<10	<10	29	<10	175	1		
K272153		12	<20	<0.01	<10	<10	4	<10	172	4		
K272154		8	<20	<0.01	<10	<10	2	<10	120	3		
K272155		22	<20	<0.01	<10	10	3	<10	938	4		
K272156		79	<20	<0.01	<10	<10	7	<10	180	1		

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126382

Project: Klaza DDH- 18

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11126382

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271777		7.96	<0.005	<0.2	1.16	7	<10	170	<0.5	2	0.64	0.6	5	9	8	2.45
K271778		5.64	<0.005	<0.2	1.18	4	<10	100	<0.5	2	0.78	<0.5	5	8	11	2.43
K271779		8.98	<0.005	<0.2	1.19	2	<10	110	<0.5	3	0.85	<0.5	5	8	8	2.27
K271780		10.50	<0.005	<0.2	1.20	7	<10	120	<0.5	2	1.25	<0.5	6	10	11	2.52
K271781		0.20	1.385	32.7	4.96	145	<10	40	<0.5	<2	4.53	31.5	85	53	6890	7.91
K271782		7.72	<0.005	<0.2	0.93	4	<10	1180	<0.5	<2	1.73	1.7	5	9	10	2.58
K271783		7.06	0.016	1.1	0.42	36	<10	310	0.6	2	2.14	2.2	10	3	11	2.41
K271784		11.82	<0.005	<0.2	1.09	<2	<10	170	<0.5	2	1.26	<0.5	5	10	15	2.47
K271785		4.88	0.265	32.2	0.95	1530	<10	220	<0.5	3	1.58	55.0	6	6	114	2.87
K271786		10.98	<0.005	<0.2	1.11	11	<10	120	<0.5	2	1.33	<0.5	6	9	11	2.52
K271787		0.20	1.370	32.9	5.02	143	<10	50	<0.5	<2	4.69	32.5	86	56	7050	8.21
K271788		11.14	<0.005	<0.2	0.83	10	<10	200	0.5	3	1.69	1.1	6	7	39	2.48
K271789		11.12	<0.005	<0.2	1.02	3	<10	140	<0.5	3	1.55	<0.5	6	8	13	2.57
K271790		11.90	<0.005	0.5	0.62	9	<10	210	0.5	2	2.02	2.0	6	5	13	2.54
K271791		9.04	0.010	0.7	0.70	52	<10	360	<0.5	2	1.79	3.2	6	6	12	2.47
K271792		10.00	<0.005	<0.2	1.01	12	<10	150	0.5	3	2.01	<0.5	7	7	10	2.57
K271793		7.40	<0.005	<0.2	1.05	11	<10	120	0.5	2	1.76	<0.5	7	7	7	2.52
K271794		8.72	0.007	0.4	0.67	19	<10	200	0.5	3	2.27	<0.5	6	6	10	2.55
K271795		6.40	<0.005	<0.2	1.17	10	<10	180	<0.5	3	1.45	<0.5	6	9	6	2.72
K271796		9.30	<0.005	<0.2	1.15	3	<10	270	<0.5	2	1.80	<0.5	6	10	9	2.56
K271797		11.82	<0.005	<0.2	1.12	8	<10	190	<0.5	2	1.29	<0.5	6	10	8	2.46
K271798		11.26	<0.005	<0.2	1.22	5	<10	140	<0.5	2	0.92	<0.5	7	10	10	2.39
K271799		6.44	<0.005	<0.2	1.20	5	<10	110	<0.5	2	0.88	<0.5	5	9	9	2.39
K271800		12.36	<0.005	<0.2	1.13	<2	<10	280	<0.5	2	1.38	<0.5	6	9	9	2.54
K271801		7.42	<0.005	0.2	1.00	9	<10	400	<0.5	4	1.70	2.0	6	8	5	2.63
K271802		8.22	<0.005	<0.2	1.00	5	<10	260	<0.5	<2	1.36	<0.5	9	8	12	2.51
K271803		9.44	0.079	3.1	0.39	232	<10	240	0.8	<2	2.09	3.8	9	4	29	2.44
K271804		2.56	0.010	<0.2	0.03	4	<10	40	<0.5	<2	18.7	<0.5	2	1	4	0.38
K271805		6.36	0.005	<0.2	0.90	12	<10	390	<0.5	<2	1.36	<0.5	8	7	7	2.49
K271806		13.62	<0.005	<0.2	1.02	7	<10	260	<0.5	<2	1.39	<0.5	9	10	10	2.58
K271807		3.14	<0.005	<0.2	0.03	3	<10	20	<0.5	<2	18.4	<0.5	2	1	3	0.39
K271808		12.42	<0.005	<0.2	1.13	10	<10	290	<0.5	<2	1.35	<0.5	8	10	8	2.54
K271809		7.68	<0.005	<0.2	0.98	9	<10	160	<0.5	<2	1.44	<0.5	8	8	15	2.48
K271810		7.18	<0.005	<0.2	1.04	6	<10	130	<0.5	<2	0.91	<0.5	8	10	12	2.38
K271811		3.06	0.059	1.1	0.53	387	<10	120	0.7	<2	1.85	3.1	8	6	12	2.39
K271812		12.00	0.940	11.2	0.39	311	<10	20	0.5	2	1.81	15.0	50	5	39	5.63

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 18

CERTIFICATE OF ANALYSIS WH11126382

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271777		10	1	0.12	10	0.64	368	1	0.07	2	590	16	0.01	<2	4	28
K271778		10	<1	0.10	10	0.66	326	1	0.07	2	590	9	0.01	<2	3	28
K271779		10	<1	0.12	10	0.64	299	<1	0.08	2	580	10	0.01	<2	2	32
K271780		10	<1	0.13	10	0.65	454	1	0.08	2	590	12	0.03	<2	4	41
K271781		10	2	0.23	10	1.09	597	44	0.32	295	670	8120	7.23	26	4	79
K271782		10	<1	0.16	20	0.58	858	1	0.07	1	550	27	0.06	<2	5	56
K271783		<10	<1	0.23	20	0.36	1715	1	0.02	2	560	65	0.73	5	5	59
K271784		10	<1	0.14	10	0.61	394	2	0.07	1	590	10	0.01	<2	5	50
K271785		10	1	0.14	20	0.59	691	8	0.05	1	600	3000	0.75	35	5	56
K271786		10	1	0.12	20	0.67	453	2	0.07	1	590	19	0.02	<2	5	51
K271787		10	2	0.23	10	1.13	620	48	0.32	309	680	8350	7.34	26	4	80
K271788		<10	1	0.16	20	0.49	660	2	0.05	2	600	37	0.06	<2	6	69
K271789		10	<1	0.13	20	0.59	686	1	0.06	1	610	14	0.02	<2	6	59
K271790		<10	<1	0.16	20	0.61	685	1	0.04	1	580	83	0.05	<2	7	88
K271791		<10	<1	0.15	20	0.63	636	2	0.04	1	590	211	0.12	2	7	76
K271792		10	<1	0.13	20	0.54	552	2	0.05	2	640	13	0.06	<2	7	66
K271793		10	1	0.13	20	0.46	492	1	0.04	2	630	11	0.03	<2	7	57
K271794		<10	<1	0.19	20	0.56	974	1	0.04	1	560	20	0.17	2	6	71
K271795		10	<1	0.14	20	0.66	487	<1	0.07	1	630	10	0.05	<2	6	57
K271796		10	<1	0.16	20	0.67	892	2	0.07	1	580	27	0.06	<2	5	55
K271797		10	<1	0.15	10	0.64	508	2	0.07	1	600	12	0.05	<2	4	48
K271798		10	<1	0.12	10	0.72	381	2	0.08	2	640	12	0.02	<2	3	36
K271799		10	<1	0.12	10	0.71	374	2	0.08	1	610	11	0.02	<2	3	35
K271800		10	<1	0.14	10	0.64	705	1	0.08	2	590	20	0.04	<2	4	53
K271801		10	<1	0.15	20	0.66	1155	1	0.06	2	580	22	0.08	<2	5	63
K271802		<10	<1	0.14	10	0.63	616	1	0.06	2	590	11	0.03	<2	5	53
K271803		<10	<1	0.23	20	0.54	1220	6	<0.01	2	510	205	1.18	14	5	74
K271804		<10	<1	0.02	<10	11.80	176	<1	0.01	2	200	<2	<0.01	<2	<1	56
K271805		<10	<1	0.17	20	0.63	720	1	0.05	2	570	14	0.05	<2	5	62
K271806		<10	<1	0.16	20	0.64	605	1	0.06	2	580	10	0.04	<2	5	56
K271807		<10	<1	0.02	<10	11.85	183	<1	0.01	2	220	2	<0.01	<2	<1	54
K271808		<10	<1	0.19	10	0.66	591	1	0.07	1	570	11	0.04	<2	6	54
K271809		<10	<1	0.14	10	0.65	515	1	0.06	2	580	11	0.07	<2	5	52
K271810		<10	<1	0.13	10	0.67	446	2	0.06	2	560	12	<0.01	<2	3	42
K271811		<10	1	0.21	20	0.57	1200	1	<0.01	2	580	280	0.60	9	6	66
K271812		<10	<1	0.26	10	0.52	1600	1	<0.01	1	420	2620	5.49	12	4	48

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 18

CERTIFICATE OF ANALYSIS WH11126382

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271777		<20	0.09	<10	<10	51	<10	49	<1
K271778		<20	0.09	<10	<10	49	<10	35	<1
K271779		<20	0.11	<10	<10	49	<10	32	<1
K271780		<20	0.08	<10	<10	50	<10	56	<1
K271781		<20	0.05	<10	<10	302	<10	7520	30
K271782		<20	0.05	<10	<10	44	<10	171	<1
K271783		<20	<0.01	<10	<10	16	<10	198	<1
K271784		<20	0.06	<10	<10	50	<10	32	<1
K271785		<20	0.02	<10	<10	42	<10	3470	28
K271786		<20	0.04	<10	<10	46	<10	58	<1
K271787		<20	0.05	<10	<10	312	<10	7940	31
K271788		<20	0.02	<10	<10	39	<10	155	<1
K271789		<20	0.01	<10	<10	46	<10	49	<1
K271790		<20	0.01	<10	<10	35	<10	173	<1
K271791		<20	0.01	<10	<10	34	<10	211	1
K271792		<20	0.02	<10	<10	45	<10	43	<1
K271793		<20	0.02	<10	<10	45	<10	45	<1
K271794		<20	0.01	<10	<10	32	<10	39	<1
K271795		<20	0.05	<10	<10	55	<10	37	<1
K271796		<20	0.06	<10	<10	48	<10	64	<1
K271797		<20	0.09	<10	<10	49	<10	44	<1
K271798		<20	0.11	<10	<10	52	<10	34	<1
K271799		<20	0.11	<10	<10	53	<10	34	<1
K271800		<20	0.08	<10	<10	49	<10	45	<1
K271801		<20	0.03	<10	<10	44	<10	167	1
K271802		<20	0.07	<10	<10	49	<10	43	<1
K271803		<20	<0.01	<10	<10	17	<10	333	4
K271804		<20	<0.01	<10	10	1	<10	18	<1
K271805		<20	0.04	<10	<10	42	<10	61	<1
K271806		<20	0.06	<10	<10	50	<10	37	<1
K271807		<20	<0.01	<10	10	2	<10	18	<1
K271808		<20	0.06	<10	<10	52	<10	38	3
K271809		<20	0.06	<10	<10	49	<10	36	<1
K271810		<20	0.10	<10	<10	51	<10	32	<1
K271811		<20	<0.01	<10	<10	23	<10	368	1
K271812		<20	<0.01	<10	<10	14	<10	1680	12

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Finalized Date: 17- AUG- 2011
This copy reported on 18- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126383

Project: Klaza DDH 20

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11126383

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272237		13.76	0.016	1.4	1.26	16	<10	130	<0.5	2	1.31	5.5	7	10	15	2.76
K272238		14.02	<0.005	0.8	0.90	15	<10	310	<0.5	<2	1.70	1.7	7	9	24	2.50
K272239		12.10	0.014	0.8	0.76	32	<10	420	0.6	2	2.45	0.7	6	7	24	2.79
K272240		13.66	0.032	1.4	0.55	53	<10	570	0.6	2	2.24	3.8	7	6	15	2.50
K272241		12.90	<0.005	0.3	1.06	7	<10	330	<0.5	2	1.53	<0.5	8	10	4	2.78
K272242		0.22	1.415	32.7	4.86	151	<10	50	<0.5	16	4.61	31.7	87	57	7110	8.27
K272243		12.76	<0.005	0.3	1.02	12	<10	190	<0.5	2	1.84	<0.5	8	8	12	2.73
K272244		7.24	<0.005	0.4	0.86	15	<10	190	<0.5	2	1.56	0.6	6	9	9	2.53
K272245		4.22	0.303	40.8	0.41	359	<10	170	0.8	3	2.11	60.7	8	5	93	3.12
K272246		13.04	<0.005	0.3	1.04	10	<10	180	<0.5	2	1.31	<0.5	6	9	7	2.41
K272247		13.82	<0.005	0.3	1.20	5	<10	190	<0.5	3	1.23	0.9	6	12	7	2.53
K272248		2.80	<0.005	0.3	0.05	3	<10	10	<0.5	<2	20.4	<0.5	2	<1	1	0.38
K272249		13.50	<0.005	<0.2	1.23	3	<10	90	0.5	2	1.23	<0.5	6	10	5	2.39
K272250		12.36	0.017	0.8	1.08	13	<10	160	<0.5	3	1.55	2.4	8	14	7	2.90
K272251		12.84	<0.005	0.2	1.15	8	<10	90	<0.5	<2	1.16	<0.5	7	11	6	2.80
K272252		12.62	0.012	0.5	1.10	22	<10	190	<0.5	2	1.70	1.5	6	10	7	2.84
K272253		8.60	0.018	0.3	1.25	10	<10	240	<0.5	2	1.69	<0.5	6	10	8	2.72
K272254		5.42	<0.005	0.2	1.18	5	<10	110	0.5	3	1.24	<0.5	6	9	6	2.60
K272255		4.22	1.480	79.3	0.50	4170	<10	30	0.6	5	3.08	193.5	15	4	282	3.62
K272256		3.40	<0.005	<0.2	0.05	9	<10	60	<0.5	<2	20.5	0.5	1	<1	2	0.39
K272257		6.68	<0.005	0.2	1.12	8	<10	90	<0.5	2	1.51	<0.5	6	10	6	2.54
K272258		2.98	<0.005	0.4	1.12	12	<10	130	<0.5	<2	1.35	<0.5	6	9	6	2.58
K272259		13.00	<0.005	0.3	1.25	27	<10	100	<0.5	<2	1.39	<0.5	7	10	6	2.77
K272260		12.96	<0.005	0.5	1.03	23	<10	180	<0.5	<2	1.69	1.2	6	9	10	2.67
K272261		13.06	0.019	2.7	0.92	48	<10	280	0.5	2	1.82	6.5	6	9	11	2.78
K272262		11.30	<0.005	0.3	1.16	9	<10	130	<0.5	2	1.34	<0.5	6	11	7	2.51
K272263		13.44	0.084	1.9	0.75	38	<10	450	0.6	2	2.21	3.9	8	7	11	2.92
K272264		14.30	0.010	0.5	1.06	13	<10	400	<0.5	2	1.58	1.0	7	9	9	2.56
K272265		8.34	0.005	0.4	1.25	12	<10	180	<0.5	<2	1.33	<0.5	7	9	6	2.49
K272266		0.22	1.680	33.0	4.82	144	<10	50	<0.5	<2	4.57	31.4	84	56	6990	8.15
K272267		8.46	<0.005	0.3	1.27	6	<10	130	0.5	3	1.21	<0.5	6	10	16	2.50
K272268		11.48	0.027	1.0	0.64	46	<10	360	0.7	2	2.39	<0.5	7	6	10	2.54
K272269		12.48	<0.005	0.3	1.30	9	<10	110	0.5	2	1.45	<0.5	7	10	10	2.85
K272270		14.00	<0.005	0.4	1.33	9	<10	140	<0.5	2	1.46	1.0	6	10	7	2.63
K272271		14.26	<0.005	0.3	1.25	16	<10	200	<0.5	3	1.35	<0.5	6	9	6	2.60
K272272		12.28	<0.005	0.2	1.16	7	<10	230	<0.5	2	1.16	<0.5	7	11	8	2.57

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CERTIFICATE OF ANALYSIS WH11126383

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272237		10	1	0.15	20	0.72	618	1	0.07	4	580	265	0.11	<2	4	38
K272238		<10	1	0.17	20	0.60	629	1	0.05	1	570	129	0.14	<2	6	63
K272239		<10	<1	0.19	20	0.84	1020	1	0.03	1	550	53	0.65	5	6	75
K272240		<10	<1	0.24	20	0.59	1090	<1	0.03	<1	520	380	0.57	2	6	81
K272241		10	<1	0.14	20	0.73	504	<1	0.06	1	620	11	0.10	<2	6	49
K272242		10	1	0.24	<10	1.15	618	44	0.33	307	660	8250	7.05	27	4	75
K272243		<10	<1	0.13	20	0.66	550	<1	0.04	1	600	32	0.11	<2	7	62
K272244		<10	<1	0.15	20	0.61	716	1	0.06	2	600	44	0.07	<2	6	60
K272245		<10	1	0.22	20	0.70	1280	4	0.01	<1	530	>10000	1.63	28	7	72
K272246		<10	<1	0.13	20	0.63	431	1	0.07	1	560	28	0.04	<2	5	47
K272247		10	<1	0.15	20	0.68	433	1	0.08	1	580	39	0.03	<2	4	42
K272248		<10	<1	0.02	<10	12.35	186	<1	0.02	<1	240	27	0.02	<2	<1	56
K272249		10	<1	0.10	20	0.66	329	<1	0.07	<1	600	11	0.02	<2	3	37
K272250		10	<1	0.15	20	0.73	546	1	0.07	1	580	61	0.25	<2	5	42
K272251		10	<1	0.11	20	0.75	435	1	0.08	<1	600	9	0.08	<2	5	38
K272252		<10	<1	0.15	20	0.75	738	1	0.07	<1	600	112	0.13	<2	6	51
K272253		10	<1	0.17	20	0.66	573	1	0.07	1	580	15	0.14	<2	5	46
K272254		<10	<1	0.11	20	0.61	367	1	0.04	1	600	9	0.05	<2	5	49
K272255		<10	1	0.19	10	0.84	1455	2	0.02	<1	420	>10000	2.94	90	5	78
K272256		<10	<1	0.03	<10	12.30	189	<1	0.02	1	400	66	0.03	<2	<1	56
K272257		10	<1	0.12	20	0.75	456	1	0.07	1	590	16	0.04	<2	5	46
K272258		10	<1	0.12	20	0.68	447	1	0.07	1	590	56	0.04	<2	5	46
K272259		10	<1	0.11	20	0.81	527	1	0.07	1	630	9	0.07	<2	6	43
K272260		<10	<1	0.17	20	0.70	697	1	0.06	1	600	103	0.12	<2	5	62
K272261		<10	<1	0.18	20	0.63	856	1	0.05	1	580	1005	0.33	3	6	72
K272262		10	<1	0.15	20	0.64	439	1	0.08	<1	590	13	0.05	<2	4	49
K272263		<10	<1	0.22	20	0.66	1585	1	0.04	1	570	269	0.71	3	6	70
K272264		<10	1	0.21	20	0.64	781	1	0.07	1	590	36	0.16	<2	4	56
K272265		10	<1	0.14	20	0.63	504	<1	0.07	1	590	11	0.05	<2	4	46
K272266		10	1	0.23	<10	1.14	611	45	0.33	303	650	8120	6.96	26	4	75
K272267		10	<1	0.13	20	0.66	439	1	0.08	2	610	24	0.03	<2	4	45
K272268		<10	<1	0.20	20	0.60	993	1	0.03	1	620	20	0.47	2	8	96
K272269		10	<1	0.13	20	0.71	533	1	0.08	1	640	10	0.03	<2	6	61
K272270		10	<1	0.15	20	0.67	625	1	0.08	1	600	38	0.05	<2	4	55
K272271		10	<1	0.12	20	0.72	537	1	0.08	<1	610	14	0.04	<2	5	49
K272272		10	<1	0.16	20	0.67	467	1	0.10	<1	590	9	0.06	<2	5	46

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza DDH 20

CERTIFICATE OF ANALYSIS WH11126383

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K272237		<20	0.10	<10	<10	52	<10	424	1		
K272238		<20	0.04	<10	<10	42	<10	144	<1		
K272239		<20	0.01	<10	<10	30	<10	77	<1		
K272240		<20	<0.01	<10	<10	23	<10	301	1		
K272241		<20	0.05	<10	<10	50	<10	40	<1		
K272242		<20	0.06	<10	<10	323	<10	7540	32		
K272243		<20	0.01	<10	<10	44	<10	47	<1		
K272244		<20	0.03	<10	<10	40	<10	70	<1		
K272245		<20	<0.01	<10	<10	27	<10	5200	46	1.535	
K272246		<20	0.08	<10	<10	48	<10	43	<1		
K272247		<20	0.12	<10	<10	53	<10	90	<1		
K272248		<20	<0.01	<10	<10	1	<10	22	<1		
K272249		<20	0.12	<10	<10	52	<10	31	<1		
K272250		<20	0.08	<10	<10	51	<10	213	<1		
K272251		<20	0.10	<10	<10	56	<10	35	<1		
K272252		<20	0.06	<10	<10	50	<10	144	<1		
K272253		20	0.06	<10	<10	48	<10	51	<1		
K272254		<20	0.04	<10	<10	46	<10	31	<1		
K272255		<20	<0.01	<10	<10	23	<10	>10000	78	2.57	1.275
K272256		<20	<0.01	<10	<10	2	<10	50	1		
K272257		<20	0.09	<10	<10	50	<10	36	<1		
K272258		<20	0.09	<10	<10	50	<10	53	<1		
K272259		<20	0.08	<10	<10	57	<10	39	<1		
K272260		<20	0.05	<10	<10	45	<10	158	<1		
K272261		<20	0.02	<10	<10	40	<10	469	1		
K272262		<20	0.11	<10	<10	53	<10	38	<1		
K272263		<20	0.02	<10	<10	32	<10	306	1		
K272264		<20	0.10	<10	<10	49	<10	112	<1		
K272265		<20	0.11	<10	<10	52	<10	36	<1		
K272266		<20	0.06	<10	<10	314	<10	7290	32		
K272267		<20	0.14	<10	<10	56	<10	45	<1		
K272268		<20	0.01	<10	<10	34	<10	64	1		
K272269		<20	0.08	<10	<10	58	<10	38	<1		
K272270		<20	0.11	<10	<10	52	<10	104	<1		
K272271		20	0.12	<10	<10	57	<10	40	<1		
K272272		20	0.14	<10	<10	56	<10	34	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126384

Project: Klaza DDH- 18

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11126384

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271813		2.94	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	18.7	<0.5	1	10	2	0.41
K271814		8.66	0.595	5.1	0.41	412	<10	110	0.6	2	2.21	16.1	7	5	38	3.38
K271815		6.68	<0.005	<0.2	0.97	4	<10	210	<0.5	<2	1.66	<0.5	5	8	9	2.62
K271816		7.46	0.136	2.7	0.61	119	<10	140	0.5	<2	1.76	9.6	6	6	37	3.32
K271817		12.34	<0.005	0.4	0.87	15	<10	290	<0.5	<2	1.79	0.7	6	8	14	2.79
K271818		13.00	<0.005	0.3	1.03	9	<10	180	<0.5	<2	1.44	<0.5	5	11	9	2.62
K271819		8.20	0.014	2.3	0.94	45	<10	240	<0.5	<2	1.65	2.6	7	9	14	2.64
K271820		12.16	0.007	<0.2	1.14	14	<10	270	<0.5	<2	1.68	<0.5	7	9	15	2.84
K271821		12.34	<0.005	<0.2	1.10	8	<10	230	<0.5	<2	1.09	<0.5	7	11	12	2.58
K271822		0.20	1.420	31.9	4.78	147	<10	40	<0.5	12	4.69	32.6	84	57	7040	8.27
K271823		13.50	<0.005	0.2	1.17	12	<10	180	<0.5	<2	1.49	<0.5	7	10	48	2.66
K271824		5.22	0.131	1.6	0.88	58	<10	250	0.5	<2	1.88	6.5	7	6	34	2.59
K271825		10.00	<0.005	0.2	1.14	7	<10	230	<0.5	<2	1.08	<0.5	6	11	13	2.55
K271826		12.26	<0.005	0.2	1.18	7	<10	190	<0.5	<2	1.30	<0.5	6	10	18	2.62
K271827		5.46	<0.005	0.2	1.15	8	<10	200	<0.5	<2	1.32	<0.5	6	8	16	2.62
K271828		12.52	<0.005	0.2	1.12	9	<10	200	<0.5	<2	1.63	<0.5	7	11	14	2.67
K271829		11.12	<0.005	0.4	1.16	13	<10	190	<0.5	<2	1.83	0.7	7	8	11	2.78
K271830		9.40	<0.005	0.3	1.16	10	<10	250	<0.5	<2	2.24	<0.5	6	8	11	2.61
K271831		11.84	<0.005	1.0	1.07	24	<10	550	0.5	<2	2.26	4.6	6	7	12	2.67
K271832		7.82	0.013	0.5	0.74	17	<10	700	0.7	<2	1.73	<0.5	7	5	14	2.51
K271833		9.54	0.006	0.5	0.45	7	<10	1440	0.7	<2	2.84	0.7	5	3	12	1.88
K271834		11.02	<0.005	0.5	0.51	6	<10	1270	0.7	<2	2.26	0.6	5	4	9	2.07
K271835		8.06	0.447	2.6	0.50	1680	<10	330	1.1	<2	2.19	8.5	7	2	23	2.55
K271836		11.52	<0.005	0.2	0.46	6	<10	910	0.9	<2	3.32	<0.5	5	2	3	2.11
K271837		0.20	1.545	33.7	5.05	148	<10	50	<0.5	22	4.40	31.9	84	58	7340	8.22
K271838		8.84	<0.005	0.7	0.49	11	<10	550	0.9	<2	3.25	<0.5	6	2	14	2.21
K271839		11.92	1.460	>100	0.34	3840	<10	20	0.6	5	1.89	134.0	8	2	463	3.44
K271840		2.56	<0.005	0.3	0.04	20	<10	20	<0.5	<2	19.2	<0.5	1	1	4	0.38
K271841		9.10	0.589	9.8	0.57	2720	<10	110	0.6	5	2.37	12.6	5	4	53	3.15
K271842		7.54	0.039	1.6	0.41	245	<10	190	0.7	<2	2.33	4.1	7	3	13	2.66
K271843		12.68	1.190	36.2	0.37	1950	<10	50	0.7	2	2.18	67.5	6	3	97	3.52
K271844		11.20	0.066	1.7	0.47	50	<10	930	0.7	<2	2.11	6.4	5	4	12	2.14
K271845		5.12	<0.005	0.2	0.46	9	<10	1180	0.8	<2	2.91	0.7	4	2	9	1.92
K271846		10.26	0.582	9.1	0.53	640	<10	50	1.1	<2	2.23	27.6	8	2	67	3.21
K271847		10.36	0.050	3.7	0.45	69	<10	870	0.8	<2	2.99	2.1	6	1	13	2.47
K271848		13.52	0.009	0.5	0.45	38	<10	800	0.7	<2	3.15	<0.5	6	2	7	2.30

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Project: Klaza DDH- 18

CERTIFICATE OF ANALYSIS WH11126384

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271813		<10	<1	0.02	<10	11.70	188	<1	0.02	7	260	<2	0.02	<2	<1	54
K271814		<10	<1	0.26	10	0.53	2130	1	0.02	1	530	910	2.33	8	4	60
K271815		<10	<1	0.15	20	0.71	628	1	0.06	2	580	9	0.05	<2	6	58
K271816		<10	<1	0.21	20	0.52	1370	1	0.04	1	620	732	1.42	3	5	59
K271817		<10	<1	0.19	20	0.65	986	1	0.06	<1	610	48	0.23	<2	6	62
K271818		<10	<1	0.15	20	0.69	626	1	0.07	1	590	12	0.12	<2	5	50
K271819		<10	<1	0.18	20	0.68	804	1	0.06	1	600	107	0.22	<2	5	54
K271820		<10	<1	0.17	20	0.65	669	1	0.07	1	620	12	0.20	<2	5	58
K271821		<10	<1	0.15	10	0.70	486	<1	0.08	1	610	9	0.08	<2	4	41
K271822		<10	1	0.24	10	1.13	617	43	0.34	323	680	8190	7.29	25	4	76
K271823		<10	1	0.14	20	0.70	628	2	0.05	39	580	18	0.11	<2	5	53
K271824		<10	<1	0.15	20	0.54	663	1	0.03	2	600	248	0.22	2	6	75
K271825		<10	1	0.14	10	0.72	416	1	0.06	2	600	11	0.03	<2	4	47
K271826		10	<1	0.13	20	0.78	468	1	0.06	2	590	10	0.05	<2	5	51
K271827		<10	1	0.12	10	0.74	492	1	0.05	2	600	9	0.05	<2	5	49
K271828		<10	<1	0.14	20	0.69	589	1	0.05	2	590	38	0.10	<2	5	60
K271829		<10	<1	0.14	20	0.72	662	1	0.04	3	620	42	0.12	<2	6	80
K271830		<10	<1	0.15	20	0.70	665	2	0.04	3	590	13	0.07	<2	6	118
K271831		<10	1	0.15	20	0.67	612	2	0.03	2	610	180	0.13	<2	7	119
K271832		<10	1	0.20	20	0.69	639	2	0.02	1	610	23	0.36	2	7	122
K271833		<10	<1	0.21	10	0.60	563	1	0.02	3	810	37	0.08	2	4	290
K271834		<10	1	0.21	10	0.64	548	1	0.01	3	910	30	0.07	<2	4	221
K271835		<10	1	0.26	10	0.75	813	2	0.01	3	660	320	0.59	6	4	107
K271836		<10	<1	0.27	10	1.01	604	1	0.01	2	650	13	0.06	<2	3	259
K271837		10	2	0.25	10	1.16	629	45	0.34	320	670	8070	7.23	27	4	82
K271838		<10	<1	0.26	10	0.97	608	1	0.01	3	640	37	0.13	<2	4	300
K271839		<10	1	0.24	10	0.54	1350	2	<0.01	2	520	>10000	3.47	169	3	102
K271840		<10	1	0.02	<10	11.60	186	<1	0.01	2	200	45	0.01	<2	<1	59
K271841		<10	1	0.19	20	0.60	1040	1	0.01	1	510	1240	1.40	22	6	114
K271842		<10	<1	0.25	20	0.65	1135	1	0.01	1	580	148	0.94	2	6	125
K271843		<10	<1	0.23	10	0.62	1415	2	0.01	2	580	5240	2.28	35	5	93
K271844		<10	<1	0.27	10	0.74	848	<1	0.01	2	680	255	0.35	2	4	187
K271845		<10	<1	0.24	10	0.75	485	1	0.02	2	770	31	0.08	3	4	266
K271846		<10	1	0.29	20	0.74	1355	2	0.01	2	600	1400	1.53	13	5	106
K271847		<10	<1	0.25	10	1.05	747	6	0.01	4	520	583	0.31	7	4	151
K271848		<10	<1	0.25	10	1.07	719	2	0.01	3	590	27	0.21	3	3	152

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CERTIFICATE OF ANALYSIS WH11126384

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K271813		<20	<0.01	<10	<10	2	<10	15	<1	
K271814		<20	<0.01	<10	<10	14	<10	1650	4	
K271815		<20	0.03	<10	<10	44	<10	57	<1	
K271816		<20	0.01	<10	<10	29	<10	1190	2	
K271817		<20	0.04	<10	<10	44	<10	108	<1	
K271818		<20	0.06	<10	<10	50	<10	44	<1	
K271819		<20	0.07	<10	<10	47	<10	243	1	
K271820		<20	0.07	<10	<10	54	<10	48	<1	
K271821		<20	0.12	<10	<10	57	<10	36	<1	
K271822		<20	0.06	<10	<10	322	<10	7540	31	
K271823		<20	0.05	<10	<10	49	<10	70	<1	
K271824		<20	0.02	<10	<10	39	<10	450	1	
K271825		<20	0.10	<10	<10	54	<10	34	<1	
K271826		<20	0.08	<10	<10	51	<10	34	<1	
K271827		<20	0.08	<10	<10	51	<10	34	<1	
K271828		<20	0.05	<10	<10	50	<10	60	<1	
K271829		<20	0.03	<10	<10	49	<10	75	<1	
K271830		<20	0.02	<10	<10	48	<10	43	<1	
K271831		<20	0.02	<10	<10	43	<10	313	<1	
K271832		<20	0.01	<10	<10	31	<10	51	<1	
K271833		<20	<0.01	<10	<10	22	<10	100	<1	
K271834		<20	<0.01	<10	<10	25	<10	96	<1	
K271835		<20	<0.01	<10	<10	21	<10	584	2	
K271836		<20	<0.01	<10	<10	25	<10	43	<1	
K271837		<20	0.06	<10	10	322	10	7580	31	
K271838		<20	<0.01	<10	<10	26	<10	60	<1	
K271839		<20	<0.01	<10	<10	10	<10	8840	145	2.57
K271840		<20	<0.01	<10	<10	1	<10	57	<1	
K271841		<20	<0.01	<10	<10	24	<10	1090	9	
K271842		<20	<0.01	<10	<10	20	<10	373	1	
K271843		<20	<0.01	<10	<10	14	<10	4240	33	
K271844		<20	<0.01	<10	<10	21	<10	490	1	
K271845		<20	<0.01	<10	<10	22	<10	112	<1	
K271846		<20	<0.01	<10	<10	11	<10	1900	8	
K271847		<20	<0.01	<10	<10	18	<10	184	3	
K271848		<20	<0.01	<10	<10	21	<10	59	<1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126580

Project: Klaza- DDH- 13

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11126580

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271373		5.82	0.005	0.6	1.13	15	<10	230	0.6	2	1.60	2.9	7	7	19	2.83
K271374		6.75	0.052	0.9	0.95	39	<10	570	0.7	2	2.26	4.3	5	5	46	2.59
K271375		7.37	1.155	37.7	0.62	1605	<10	90	0.6	6	2.57	12.3	8	5	53	3.59
K271376		2.56	<0.005	<0.2	0.07	7	<10	10	<0.5	2	20.1	<0.5	1	1	2	0.43
K271377		6.52	0.019	0.5	0.75	53	<10	1160	0.8	2	2.97	0.7	6	5	11	3.00
K271378		2.77	0.860	7.3	0.67	307	<10	270	0.7	4	3.57	25.4	7	4	60	3.24
K271379		6.76	0.064	1.0	0.61	143	<10	570	0.7	2	4.41	4.2	7	2	19	2.55
K271380		9.82	0.093	5.3	0.76	220	<10	760	0.8	2	3.29	5.0	5	3	25	2.41
K271381		0.11	1.260	33.1	4.84	148	<10	50	<0.5	9	4.80	33.4	91	58	6980	8.48
K271382		8.21	<0.005	<0.2	0.76	11	<10	2230	0.7	<2	2.24	0.6	4	4	17	2.00
K271383		8.20	<0.005	<0.2	0.64	5	<10	2110	0.7	2	2.01	0.6	4	4	7	2.01
K271384		8.07	<0.005	<0.2	0.66	8	<10	780	0.7	<2	3.16	<0.5	4	6	2	1.98
K271385		9.67	<0.005	<0.2	0.77	5	<10	630	0.8	3	3.49	0.5	4	5	5	1.99
K271386		5.31	0.258	4.3	0.70	199	<10	480	0.9	3	3.44	11.4	7	3	30	2.70
K271387		6.17	2.27	34.6	0.56	4150	<10	50	0.6	8	2.37	104.0	6	3	205	4.05
K271388		1.06	0.006	0.2	0.03	10	<10	30	<0.5	4	20.1	<0.5	<1	<1	2	0.44
K271389		3.69	1.525	14.8	0.48	1495	<10	50	0.5	7	1.95	45.6	6	2	247	3.97
K271390		4.81	0.727	5.0	0.73	52	<10	310	0.9	5	2.42	16.7	7	6	51	2.75
K271391		8.26	1.295	11.8	0.72	1790	<10	170	0.8	4	2.38	29.6	6	4	90	3.55
K271392		4.40	0.006	<0.2	1.10	9	<10	300	<0.5	<2	1.44	<0.5	6	9	13	2.82
K271393		7.08	0.606	7.3	0.78	1665	<10	260	0.8	4	1.91	26.2	6	4	75	3.60
K271394		6.55	0.031	1.5	0.68	186	<10	140	0.8	3	2.08	11.0	8	4	13	3.35
K271395		2.16	0.435	10.0	0.62	598	<10	30	0.8	6	1.13	72.2	10	3	97	4.95
K271396		11.63	0.008	0.2	0.70	37	<10	880	0.9	2	3.26	<0.5	5	2	7	2.33
K271397		5.01	0.008	0.3	0.71	38	<10	780	0.9	<2	3.33	<0.5	6	2	6	2.36
K271398		9.69	0.011	0.2	0.72	40	<10	860	0.9	2	3.04	<0.5	6	2	6	2.30
K271399		11.99	0.276	4.0	0.61	490	<10	120	0.7	4	3.45	15.2	7	3	42	2.74
K271400		9.64	0.040	2.4	0.62	42	<10	90	0.5	4	2.30	3.4	8	3	10	3.56
K271401		6.86	0.263	13.6	0.53	270	<10	40	0.5	13	1.26	13.3	8	4	62	4.73
K271402		0.19	3.34	>100	0.18	>10000	<10	10	<0.5	<2	0.41	330	2	8	1540	14.1
K271403		12.41	0.666	8.0	0.58	1970	<10	40	0.6	3	1.85	23.8	6	4	36	4.04
K271404		5.47	0.048	1.1	0.64	157	<10	190	0.8	2	2.12	2.1	7	4	24	3.62
K271405		5.92	1.030	4.5	0.60	3400	<10	40	0.6	2	1.70	18.9	7	3	44	3.39
K271406		9.18	0.045	0.5	0.61	187	<10	390	0.8	<2	2.82	0.8	7	4	13	2.57
K271407		10.52	0.172	1.7	0.64	473	<10	130	0.8	<2	2.86	4.5	7	3	25	2.80
K271408		9.45	0.061	1.2	0.83	328	<10	60	0.7	2	2.38	5.5	6	4	31	2.76

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11126580

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271373		<10	1	0.23	30	0.64	914	1	<0.01	1	640	196	0.18	2	8	52
K271374		<10	1	0.20	20	0.74	698	1	0.01	1	590	136	0.20	6	8	91
K271375		<10	1	0.27	10	0.78	1295	1	0.01	2	500	5350	2.14	28	4	90
K271376		<10	<1	0.04	<10	12.50	202	<1	0.01	<1	200	7	0.05	<2	<1	46
K271377		<10	1	0.25	20	0.73	935	1	0.02	1	610	26	0.18	3	8	154
K271378		<10	1	0.34	20	0.91	868	2	0.02	2	590	1250	0.97	8	6	182
K271379		<10	<1	0.33	10	1.20	819	2	0.01	2	590	132	0.41	7	3	252
K271380		<10	1	0.38	10	0.82	655	4	0.01	2	640	801	0.41	9	4	290
K271381		10	1	0.24	<10	1.16	631	44	0.35	321	680	8420	7.22	31	4	76
K271382		<10	<1	0.33	10	0.62	463	1	0.01	2	750	21	0.07	2	4	294
K271383		<10	<1	0.29	10	0.77	499	1	<0.01	2	490	17	0.05	<2	4	365
K271384		<10	<1	0.30	10	0.71	450	<1	0.01	2	490	17	0.02	<2	4	443
K271385		<10	<1	0.36	10	0.71	464	<1	0.01	2	680	20	0.02	2	4	422
K271386		<10	1	0.37	10	1.07	859	7	0.01	3	660	572	0.68	7	4	190
K271387		<10	1	0.35	10	0.74	1330	3	0.02	1	450	6570	3.26	40	3	124
K271388		<10	1	0.01	<10	12.50	209	<1	0.01	<1	180	10	0.05	<2	<1	51
K271389		<10	1	0.30	10	0.56	1185	3	0.01	3	480	2050	3.11	29	4	73
K271390		<10	<1	0.28	10	0.87	678	1	0.01	4	1110	549	0.60	8	4	205
K271391		<10	1	0.32	20	0.63	1155	1	0.01	1	560	1660	1.62	18	5	102
K271392		10	<1	0.22	20	0.68	618	<1	0.11	1	600	13	0.03	3	7	84
K271393		<10	1	0.36	20	0.58	1210	1	0.01	2	560	1310	1.49	16	6	117
K271394		<10	<1	0.35	20	0.68	1205	1	0.01	<1	570	264	1.40	2	5	121
K271395		<10	1	0.40	10	0.38	914	5	0.01	1	590	1330	4.25	13	3	69
K271396		<10	<1	0.33	10	0.97	765	1	0.01	2	650	18	0.21	<2	3	217
K271397		<10	1	0.33	10	0.98	780	1	0.01	2	650	19	0.20	2	3	216
K271398		<10	1	0.35	10	0.92	761	2	0.01	2	620	21	0.20	4	3	146
K271399		<10	1	0.27	10	1.20	985	14	0.01	1	400	579	1.29	18	5	115
K271400		<10	<1	0.36	10	0.61	1840	2	0.01	1	570	300	2.62	3	3	73
K271401		<10	1	0.42	10	0.31	1235	1	0.01	1	540	1055	4.34	11	2	37
K271402		<10	1	0.08	<10	0.18	1480	<1	0.02	13	140	>10000	>10.0	571	1	20
K271403		<10	<1	0.35	10	0.60	1525	2	0.02	2	430	2270	2.36	14	4	80
K271404		<10	<1	0.36	20	0.77	1355	2	0.02	2	510	156	0.62	7	6	100
K271405		<10	<1	0.38	20	0.45	1800	4	0.02	1	470	780	2.57	27	4	63
K271406		<10	<1	0.32	20	0.89	1025	1	0.02	2	500	42	0.93	6	6	130
K271407		<10	<1	0.32	20	0.77	1015	2	0.02	2	540	220	1.53	15	6	155
K271408		<10	<1	0.23	20	0.75	737	2	0.02	2	630	117	0.60	4	9	135

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11126580

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271373		20	<0.01	<10	<10	37	<10	228	<1		
K271374		<20	<0.01	<10	<10	35	<10	277	<1		
K271375		<20	<0.01	<10	<10	20	<10	1175	37		
K271376		<20	<0.01	<10	<10	<1	<10	17	1		
K271377		<20	<0.01	<10	<10	35	<10	71	1		
K271378		<20	<0.01	<10	<10	25	<10	1690	7		
K271379		<20	<0.01	<10	<10	21	<10	335	<1		
K271380		<20	<0.01	<10	<10	18	<10	384	4		
K271381		<20	0.06	<10	10	324	<10	7640	33		
K271382		<20	<0.01	<10	<10	22	<10	148	<1		
K271383		<20	<0.01	<10	<10	23	<10	157	<1		
K271384		<20	<0.01	<10	<10	24	<10	131	<1		
K271385		<20	<0.01	<10	<10	24	<10	111	<1		
K271386		<20	<0.01	<10	<10	21	<10	828	4		
K271387		<20	<0.01	<10	<10	12	10	6350	34		
K271388		<20	<0.01	<10	<10	<1	<10	31	<1		
K271389		<20	<0.01	<10	<10	10	<10	4130	13		
K271390		<20	<0.01	<10	<10	25	<10	1870	4		
K271391		<20	<0.01	<10	<10	19	<10	2180	10		
K271392		<20	0.03	<10	<10	45	<10	51	<1		
K271393		<20	<0.01	<10	<10	22	<10	1850	6		
K271394		<20	<0.01	<10	<10	17	<10	698	<1		
K271395		<20	<0.01	<10	<10	11	<10	4350	9		
K271396		<20	<0.01	<10	<10	25	<10	58	<1		
K271397		<20	<0.01	<10	<10	26	<10	52	<1		
K271398		<20	<0.01	<10	10	27	<10	59	<1		
K271399		<20	<0.01	<10	10	20	<10	1055	3		
K271400		<20	<0.01	<10	<10	12	<10	314	1		
K271401		<20	<0.01	<10	<10	8	<10	1290	15		
K271402		<20	<0.01	<10	<10	7	140	>10000	420	3.08	3.50
K271403		<20	<0.01	<10	<10	14	<10	1770	7		
K271404		<20	<0.01	<10	<10	23	<10	183	<1		
K271405		<20	<0.01	<10	<10	10	<10	1300	3		
K271406		<20	<0.01	<10	<10	18	<10	77	<1		
K271407		<20	<0.01	<10	<10	17	<10	318	1		
K271408		<20	<0.01	<10	<10	30	<10	361	<1		

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Finalized Date: 30- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11126581

Project: Klaza- DDH- 14

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11126581

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271193		11.74	<0.005	0.2	1.32	5	<10	300	<0.5	<2	1.10	<0.5	7	9	12	2.64
K271194		13.22	<0.005	0.3	1.22	4	<10	200	<0.5	<2	1.06	<0.5	6	10	15	2.48
K271195		13.50	<0.005	0.3	1.32	5	<10	210	<0.5	<2	1.11	<0.5	7	10	11	2.48
K271196		12.30	<0.005	0.2	1.29	2	<10	270	<0.5	<2	1.04	<0.5	6	9	10	2.47
K271197		0.14	1.485	32.1	4.80	148	<10	50	<0.5	28	4.61	32.0	85	57	6910	8.25
K271198		10.85	<0.005	0.9	1.29	2	<10	210	<0.5	<2	1.18	0.9	7	10	36	2.69
K271199		11.94	<0.005	0.2	1.25	6	<10	270	<0.5	<2	1.02	<0.5	6	10	13	2.57
K271200		11.39	<0.005	0.3	1.21	4	<10	210	<0.5	<2	1.25	<0.5	6	9	8	2.65
K271201		12.09	<0.005	<0.2	1.17	3	<10	150	<0.5	<2	1.16	<0.5	6	8	6	2.59
K271202		3.33	0.011	<0.2	1.23	3	<10	130	<0.5	<2	1.37	<0.5	6	9	6	2.87
K271203		2.26	0.134	9.3	0.80	804	<10	190	0.5	<2	1.29	3.6	9	5	16	3.82
K271204		1.06	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	20.0	<0.5	2	<1	2	0.46
K271205		4.54	<0.005	<0.2	1.18	6	<10	170	<0.5	<2	1.15	<0.5	5	8	9	2.52
K271206		10.99	<0.005	<0.2	1.28	9	<10	140	<0.5	<2	1.31	<0.5	5	10	9	2.58
K271207		9.90	0.006	<0.2	1.17	6	<10	130	<0.5	<2	1.80	<0.5	6	8	11	2.56
K271208		5.50	<0.005	<0.2	1.16	3	<10	90	0.5	<2	1.03	<0.5	6	9	8	2.66
K271209		2.78	0.296	15.9	0.75	639	<10	220	0.6	<2	3.68	30.5	9	4	65	2.63
K271210		8.03	0.043	3.2	0.65	113	<10	390	0.7	<2	2.54	2.8	5	5	13	2.64
K271211		3.10	0.008	<0.2	1.07	16	<10	110	0.6	<2	2.10	<0.5	7	5	4	2.72
K271212		5.47	0.021	0.6	0.70	29	<10	160	0.8	<2	2.61	0.5	16	6	5	2.78
K271213		5.36	0.012	1.2	0.62	47	<10	840	0.6	<2	1.34	<0.5	9	7	19	1.95
K271214		7.29	0.038	0.4	0.75	73	<10	620	0.7	<2	2.70	<0.5	9	6	5	2.91
K271215		2.93	0.034	0.3	0.71	59	<10	760	0.8	<2	2.69	<0.5	8	4	6	2.78
K271216		8.02	0.006	<0.2	0.80	20	<10	440	0.7	<2	2.65	<0.5	7	6	6	2.45
K271217		5.02	<0.005	<0.2	1.10	3	<10	330	<0.5	2	1.16	<0.5	5	8	6	2.56
K271218		2.94	0.105	3.4	0.81	121	<10	160	1.0	4	2.58	2.1	17	8	36	3.19
K271219		4.14	<0.005	<0.2	1.23	7	<10	280	0.5	<2	1.22	<0.5	6	8	9	2.80
K271220		3.74	<0.005	<0.2	0.99	20	<10	140	0.7	<2	1.43	<0.5	7	7	10	2.49
K271221		4.08	1.745	33.4	0.40	8890	<10	<10	<0.5	<2	0.95	72.0	6	4	77	4.79
K271222		1.17	<0.005	<0.2	0.03	25	<10	<10	<0.5	2	19.6	<0.5	1	<1	1	0.43
K271223		4.97	0.072	3.5	0.60	267	<10	220	0.8	2	2.31	13.5	6	4	18	3.05
K271224		4.63	0.009	0.4	0.52	40	<10	350	0.9	2	2.10	0.5	6	4	7	2.61
K271225		0.09	1.455	33.5	4.97	149	<10	40	<0.5	10	4.61	33.2	86	58	7300	8.21
K271226		7.66	0.006	<0.2	0.84	14	<10	650	0.7	<2	1.77	<0.5	6	5	25	2.65
K271227		4.27	<0.005	<0.2	0.85	11	<10	160	0.7	3	1.22	<0.5	6	6	20	2.65
K271228		1.77	0.034	8.6	0.47	98	<10	130	0.7	2	2.02	5.5	5	4	23	3.58

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 14

CERTIFICATE OF ANALYSIS WH11126581

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271193		10	<1	0.16	20	0.63	453	1	0.10	2	600	10	0.01	<2	3	76
K271194		10	1	0.16	20	0.58	497	1	0.09	5	570	15	0.01	<2	3	41
K271195		10	<1	0.17	20	0.56	496	1	0.11	2	550	13	0.01	<2	3	41
K271196		10	<1	0.15	20	0.60	423	<1	0.09	2	550	12	0.01	<2	3	41
K271197		10	1	0.23	<10	1.15	619	46	0.33	304	640	8250	7.06	27	4	75
K271198		10	<1	0.16	20	0.65	615	1	0.09	2	570	49	0.03	<2	4	45
K271199		10	<1	0.18	20	0.64	465	<1	0.09	1	550	13	0.01	<2	4	45
K271200		10	<1	0.18	20	0.65	546	<1	0.08	2	570	10	0.05	<2	4	52
K271201		10	1	0.14	20	0.66	432	1	0.09	1	560	9	0.02	<2	4	48
K271202		10	<1	0.16	20	0.67	628	<1	0.08	1	550	10	0.04	<2	5	51
K271203		<10	<1	0.29	10	0.45	1870	1	0.03	2	540	1115	1.51	7	4	49
K271204		<10	<1	0.01	<10	12.35	209	<1	0.01	3	180	4	0.01	<2	<1	46
K271205		10	<1	0.18	20	0.63	498	1	0.09	2	560	13	0.01	<2	4	50
K271206		10	<1	0.16	20	0.72	564	1	0.09	2	590	17	0.04	<2	4	51
K271207		10	<1	0.14	20	0.58	535	1	0.07	2	560	23	0.03	2	5	67
K271208		10	<1	0.13	20	0.58	416	1	0.07	2	570	8	0.01	2	5	56
K271209		<10	<1	0.26	20	0.47	1280	<1	0.01	3	480	2620	1.47	14	5	122
K271210		<10	1	0.28	20	0.65	1365	1	0.01	3	550	720	0.66	4	6	84
K271211		<10	<1	0.22	30	0.56	692	1	0.01	1	600	13	0.33	2	6	67
K271212		<10	<1	0.25	20	0.74	1180	<1	0.01	3	560	32	0.67	<2	7	84
K271213		<10	<1	0.18	20	0.50	659	1	<0.01	2	340	20	0.38	6	6	71
K271214		<10	<1	0.24	20	0.96	881	1	<0.01	2	530	12	0.54	3	8	93
K271215		<10	<1	0.22	20	0.95	877	1	<0.01	2	540	13	0.47	3	9	95
K271216		<10	<1	0.22	20	0.65	857	1	0.02	2	540	16	0.19	2	8	105
K271217		10	<1	0.22	20	0.59	442	1	0.08	2	570	9	0.03	<2	6	62
K271218		<10	<1	0.32	20	0.80	1475	1	0.01	3	660	118	1.19	15	10	87
K271219		10	<1	0.21	20	0.60	462	1	0.08	2	560	9	0.04	2	6	59
K271220		<10	<1	0.20	20	0.54	741	1	0.01	2	580	11	0.13	3	8	59
K271221		<10	1	0.28	10	0.29	2290	2	0.01	2	370	2240	4.45	53	2	24
K271222		<10	<1	0.01	<10	12.10	204	<1	0.01	1	170	5	0.01	<2	<1	48
K271223		<10	<1	0.34	20	0.71	2700	1	0.01	2	520	538	1.24	12	5	67
K271224		<10	<1	0.21	20	0.72	1420	3	0.01	2	530	31	0.37	2	9	74
K271225		10	<1	0.25	10	1.16	629	46	0.33	316	690	8460	7.17	30	4	76
K271226		<10	1	0.21	20	0.57	787	3	0.01	8	540	21	0.10	5	8	71
K271227		<10	<1	0.20	20	0.50	761	16	0.01	2	570	12	0.07	8	8	43
K271228		<10	1	0.29	10	0.71	2060	1	0.01	2	410	1210	0.57	11	4	48

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CERTIFICATE OF ANALYSIS WH11126581

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271193		20	0.15	<10	<10	57	<10	37	<1
K271194		20	0.14	<10	<10	51	<10	45	<1
K271195		20	0.15	<10	<10	52	<10	43	<1
K271196		20	0.15	<10	<10	52	<10	35	<1
K271197		<20	0.06	<10	<10	316	<10	7420	31
K271198		<20	0.13	<10	<10	57	<10	142	1
K271199		20	0.13	<10	<10	53	<10	41	<1
K271200		20	0.10	<10	<10	53	<10	40	<1
K271201		20	0.11	<10	<10	55	<10	32	<1
K271202		<20	0.08	<10	<10	52	<10	39	<1
K271203		<20	0.02	<10	<10	26	<10	316	8
K271204		<20	<0.01	<10	20	2	<10	19	<1
K271205		20	0.11	<10	<10	52	<10	35	<1
K271206		<20	0.11	<10	<10	54	<10	46	1
K271207		<20	0.05	<10	<10	48	<10	67	<1
K271208		<20	0.03	<10	<10	49	<10	33	<1
K271209		<20	<0.01	<10	<10	24	10	2360	15
K271210		<20	<0.01	<10	<10	23	<10	248	3
K271211		20	<0.01	<10	<10	36	<10	64	<1
K271212		<20	<0.01	<10	<10	30	<10	71	1
K271213		<20	<0.01	<10	<10	24	<10	39	2
K271214		<20	<0.01	<10	<10	35	<10	30	1
K271215		<20	<0.01	<10	<10	36	<10	36	1
K271216		<20	<0.01	<10	<10	35	<10	46	<1
K271217		20	0.06	<10	<10	46	<10	32	<1
K271218		<20	<0.01	<10	<10	36	<10	250	3
K271219		<20	0.05	<10	<10	47	<10	33	<1
K271220		<20	0.01	<10	<10	40	<10	33	<1
K271221		<20	<0.01	<10	<10	6	10	4860	32
K271222		<20	<0.01	<10	20	1	<10	28	<1
K271223		<20	<0.01	<10	<10	15	<10	920	3
K271224		<20	<0.01	<10	<10	30	<10	72	1
K271225		<20	0.06	<10	<10	326	30	7570	31
K271226		20	0.01	<10	<10	36	<10	53	<1
K271227		20	<0.01	<10	<10	35	<10	44	<1
K271228		<20	<0.01	<10	<10	18	<10	564	8

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Finalized Date: 30- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11126582

Project: Klaza- DDH- 16

P.O. No.: BATCH 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11126582

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271669		8.21	0.011	1.6	1.11	30	<10	510	<0.5	<2	0.66	2.2	6	9	19	2.73
K271670		10.99	<0.005	<0.2	1.19	8	<10	160	<0.5	<2	1.16	<0.5	6	10	10	2.49
K271671		4.18	0.084	3.9	0.69	121	<10	560	0.6	2	1.30	3.2	6	5	30	2.98
K271672		10.37	0.005	0.5	1.11	82	<10	310	0.5	2	1.20	2.4	4	10	8	2.62
K271673		10.61	<0.005	<0.2	0.77	13	<10	450	0.6	<2	1.50	0.8	6	6	8	2.87
K271674		2.55	0.006	0.3	0.87	16	<10	220	<0.5	<2	1.52	<0.5	6	8	6	2.69
K271675		0.09	1.530	32.5	4.94	144	<10	40	<0.5	5	4.55	32.8	87	58	7170	8.17
K271676		6.94	0.013	0.8	0.79	29	<10	340	0.6	<2	2.00	6.2	6	7	24	2.71
K271677		2.72	0.151	4.6	0.59	793	<10	140	0.7	<2	1.39	15.6	12	5	32	3.37
K271678		2.55	0.148	4.6	0.45	382	<10	380	0.7	2	2.65	6.1	4	2	17	2.23
K271679		1.16	0.272	12.9	0.41	572	<10	20	0.5	2	0.78	92.0	89	4	60	5.14
K271680		2.40	0.094	2.7	0.51	202	<10	160	0.7	<2	1.28	71.3	14	5	19	3.17
K271681		8.26	<0.005	1.1	1.03	30	<10	170	<0.5	<2	1.25	7.6	6	11	6	2.71
K271682		7.91	<0.005	<0.2	1.05	19	<10	130	<0.5	<2	1.16	2.0	5	9	8	2.57
K271683		2.09	0.688	8.5	0.60	498	<10	80	0.7	<2	1.87	33.5	7	6	84	4.74
K271684		2.97	<0.005	<0.2	0.04	4	<10	<10	<0.5	<2	19.1	<0.5	1	1	3	0.47
K271685		3.90	0.012	0.7	0.84	96	<10	250	0.5	<2	2.16	5.2	19	8	15	3.13
K271686		4.57	0.005	0.3	1.19	104	<10	510	0.5	<2	1.14	4.1	8	8	7	2.63
K271687		12.32	0.006	0.5	1.01	82	<10	420	<0.5	<2	1.23	7.0	9	8	15	2.95
K271688		2.74	0.023	0.9	0.66	139	<10	1100	0.6	<2	1.79	5.3	7	5	24	2.94
K271689		2.02	0.005	0.2	0.96	72	<10	250	0.6	<2	1.05	2.3	7	7	14	2.83
K271690		7.39	<0.005	0.2	0.69	15	<10	170	0.6	<2	1.73	<0.5	6	8	6	2.77
K271691		4.48	0.007	0.4	1.03	27	<10	140	<0.5	<2	1.50	1.1	6	9	8	2.70
K271692		0.09	1.485	33.0	4.80	144	<10	40	<0.5	8	4.58	31.7	86	56	7110	8.40
K271693		9.45	<0.005	<0.2	0.88	31	<10	180	0.5	<2	1.81	1.2	6	9	15	2.93
K271694		1.47	0.417	10.8	0.51	179	<10	300	0.9	6	3.04	41.7	7	4	131	2.89
K271695		7.18	<0.005	<0.2	1.10	9	<10	120	<0.5	<2	1.66	<0.5	6	10	4	3.20
K271696		3.20	<0.005	<0.2	1.06	8	<10	150	<0.5	<2	1.60	<0.5	6	8	4	3.07
K271697		9.61	0.031	0.4	0.97	15	<10	150	<0.5	<2	1.85	0.8	4	9	6	2.73
K271698		6.16	<0.005	<0.2	1.03	7	<10	140	<0.5	2	1.76	<0.5	6	9	5	2.70
K271699		4.43	<0.005	<0.2	0.91	7	<10	350	<0.5	<2	1.78	<0.5	3	10	7	2.68
K271700		9.96	0.006	0.3	0.89	22	<10	300	<0.5	<2	1.97	<0.5	13	7	24	2.63
K271701		5.20	0.031	1.2	0.67	76	<10	270	0.7	<2	1.62	1.9	11	7	27	2.92
K271702		3.99	0.676	15.8	0.52	241	<10	30	0.8	3	1.93	46.4	6	3	59	3.67
K271703		1.07	<0.005	<0.2	0.03	2	<10	10	<0.5	<2	18.9	<0.5	1	1	2	0.45
K271704		10.87	<0.005	0.2	0.59	18	<10	680	0.9	<2	2.99	<0.5	6	3	7	2.32

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 16

CERTIFICATE OF ANALYSIS WH11126582

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271669		10	<1	0.17	20	0.43	1220	1	0.06	3	590	80	0.03	2	5	34
K271670		10	<1	0.16	10	0.63	425	1	0.07	2	590	12	0.01	<2	4	38
K271671		<10	<1	0.23	20	0.31	1670	1	0.01	2	560	288	0.45	14	7	45
K271672		10	1	0.23	20	0.58	846	1	0.07	3	600	53	0.02	3	4	43
K271673		<10	<1	0.17	20	0.35	810	2	0.01	2	590	11	0.06	4	9	55
K271674		<10	<1	0.20	20	0.38	778	1	0.06	2	560	11	0.04	<2	7	53
K271675		10	<1	0.25	10	1.15	623	45	0.33	311	690	8340	7.10	28	4	76
K271676		<10	<1	0.21	20	0.44	887	1	0.05	3	590	113	0.19	3	7	76
K271677		<10	<1	0.31	20	0.32	1305	2	<0.01	2	540	565	1.59	12	4	39
K271678		<10	<1	0.28	20	0.74	2450	1	<0.01	2	470	417	0.89	12	4	61
K271679		<10	1	0.31	10	0.23	1525	1	0.01	2	450	1255	4.25	23	2	17
K271680		<10	<1	0.25	20	0.43	1470	1	0.02	2	570	604	0.93	11	6	37
K271681		10	<1	0.17	10	0.65	584	<1	0.09	2	560	163	0.07	<2	5	55
K271682		<10	<1	0.16	10	0.60	461	<1	0.08	2	570	10	0.04	<2	4	44
K271683		<10	1	0.26	10	0.42	1530	1	0.02	1	510	2710	3.22	14	5	53
K271684		<10	<1	0.02	<10	12.00	220	<1	0.02	2	180	16	0.04	<2	<1	46
K271685		<10	<1	0.25	20	0.47	695	1	0.06	2	570	73	0.47	3	5	67
K271686		10	1	0.16	30	0.54	467	1	0.01	2	600	14	0.16	2	6	32
K271687		<10	1	0.25	20	0.54	712	1	0.07	2	570	79	0.30	<2	6	55
K271688		<10	1	0.17	10	0.57	959	1	0.01	2	510	64	0.15	9	7	50
K271689		<10	<1	0.17	30	0.37	737	1	0.01	1	640	12	0.03	3	9	30
K271690		<10	<1	0.15	20	0.52	616	1	0.04	2	580	11	0.04	2	7	54
K271691		<10	<1	0.15	20	0.61	548	<1	0.08	2	580	30	0.04	<2	6	54
K271692		10	1	0.24	<10	1.12	623	45	0.32	314	680	8540	7.25	31	4	77
K271693		<10	<1	0.15	20	0.52	580	<1	0.06	2	610	18	0.04	<2	7	64
K271694		<10	<1	0.28	20	0.94	842	<1	0.02	3	590	1815	1.02	4	3	127
K271695		<10	<1	0.15	20	0.69	524	1	0.07	1	600	10	0.07	<2	6	59
K271696		<10	<1	0.15	20	0.67	496	1	0.07	2	570	12	0.07	<2	6	64
K271697		<10	<1	0.15	20	0.62	644	1	0.04	2	590	96	0.17	<2	5	62
K271698		<10	<1	0.15	20	0.72	534	<1	0.07	1	570	7	0.08	<2	5	64
K271699		<10	<1	0.14	20	0.73	496	<1	0.08	1	540	7	0.06	<2	6	79
K271700		<10	<1	0.21	20	0.63	505	<1	0.05	2	580	12	0.49	4	5	71
K271701		<10	<1	0.24	20	0.54	950	1	0.01	2	580	152	0.64	5	6	61
K271702		<10	1	0.32	10	0.51	1100	2	0.01	2	460	2030	2.09	9	3	55
K271703		<10	1	0.02	<10	12.20	198	<1	0.02	2	190	4	0.03	<2	<1	52
K271704		<10	<1	0.30	10	0.91	732	1	0.01	6	640	21	0.19	<2	4	194

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza- DDH- 16

CERTIFICATE OF ANALYSIS WH11126582

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271669		<20	0.06	<10	<10	48	<10	181	1
K271670		<20	0.10	<10	<10	52	<10	37	<1
K271671		<20	0.01	<10	<10	35	<10	314	4
K271672		<20	0.10	<10	<10	49	<10	322	<1
K271673		<20	0.01	<10	<10	44	<10	93	<1
K271674		20	0.03	<10	<10	41	<10	54	1
K271675		<20	0.06	<10	<10	321	30	7480	29
K271676		20	0.01	<10	<10	39	<10	500	1
K271677		<20	<0.01	<10	<10	17	<10	1655	4
K271678		<20	<0.01	<10	<10	8	<10	782	5
K271679		<20	<0.01	<10	<10	6	<10	5060	12
K271680		<20	<0.01	<10	<10	22	<10	3020	3
K271681		<20	0.05	<10	<10	46	<10	463	1
K271682		<20	0.09	<10	<10	48	<10	220	<1
K271683		<20	<0.01	<10	<10	22	<10	4010	9
K271684		<20	<0.01	<10	<10	1	<10	42	<1
K271685		<20	0.01	<10	<10	37	<10	528	3
K271686		20	0.01	<10	<10	40	<10	782	<1
K271687		<20	0.05	<10	<10	43	<10	757	1
K271688		<20	<0.01	<10	<10	34	<10	836	1
K271689		<20	0.02	<10	<10	42	<10	522	<1
K271690		<20	0.02	<10	<10	42	<10	55	<1
K271691		<20	0.04	<10	<10	49	<10	219	<1
K271692		<20	0.06	<10	<10	316	<10	7980	30
K271693		<20	0.03	<10	<10	48	<10	298	1
K271694		<20	<0.01	<10	<10	19	<10	2800	11
K271695		<20	0.02	<10	<10	52	<10	70	<1
K271696		<20	0.02	<10	<10	49	<10	72	<1
K271697		<20	0.03	<10	<10	43	<10	162	1
K271698		<20	0.06	<10	<10	47	<10	35	<1
K271699		<20	0.02	<10	<10	43	<10	32	<1
K271700		<20	0.01	<10	<10	35	<10	73	1
K271701		<20	<0.01	<10	<10	29	<10	193	1
K271702		<20	<0.01	<10	<10	17	<10	2940	15
K271703		<20	<0.01	<10	<10	2	<10	21	1
K271704		<20	<0.01	<10	<10	30	<10	77	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126583

Project: Klaza- DDH- 19

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11126583

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272049		5.74	0.040	0.7	1.15	61	<10	290	<0.5	<2	1.41	2.8	8	9	8	3.08
K272050		6.03	<0.005	<0.2	1.33	11	<10	250	<0.5	<2	1.68	0.6	4	9	3	2.98
K272051		11.84	0.021	1.2	1.01	14	<10	260	<0.5	<2	2.01	4.9	6	8	8	3.13
K272052		3.89	0.017	0.5	0.73	53	<10	1040	0.6	<2	2.39	2.2	4	6	4	2.83
K272053		8.41	0.010	0.2	0.89	14	<10	350	<0.5	<2	2.80	1.2	5	7	3	2.95
K272054		11.04	<0.005	<0.2	1.35	5	<10	210	<0.5	<2	1.30	0.5	5	11	6	2.57
K272055		0.12	1.475	32.5	4.90	152	<10	60	<0.5	21	4.67	32.5	89	57	6950	8.32
K272056		12.65	<0.005	<0.2	1.43	7	<10	160	0.5	<2	1.11	<0.5	6	11	22	2.55
K272057		11.79	0.009	0.4	1.42	17	<10	160	0.5	<2	1.26	1.8	5	10	13	2.60
K272058		10.34	<0.005	<0.2	1.36	4	<10	140	<0.5	<2	1.36	<0.5	5	11	12	2.82
K272059		6.51	<0.005	<0.2	1.35	8	<10	160	<0.5	<2	1.31	<0.5	5	10	10	2.66
K272060		4.04	0.483	6.4	0.50	512	<10	40	0.6	3	2.04	19.7	17	6	29	3.27
K272061		2.92	<0.005	0.3	0.04	2	<10	30	<0.5	<2	19.5	<0.5	1	1	2	0.41
K272062		4.15	0.022	1.2	0.72	68	<10	490	0.7	<2	1.45	0.5	4	5	7	2.80
K272063		9.52	<0.005	0.2	1.05	11	<10	260	0.5	<2	1.89	<0.5	6	8	6	2.67
K272064		11.89	0.058	2.9	0.92	137	<10	590	0.6	<2	2.30	7.0	6	7	18	2.64
K272065		12.83	<0.005	0.5	1.41	7	<10	200	<0.5	<2	1.50	1.0	6	10	12	2.78
K272066		12.98	<0.005	0.2	1.41	8	<10	260	<0.5	<2	1.32	<0.5	6	12	9	2.71
K272067		5.67	<0.005	<0.2	1.38	6	<10	270	<0.5	<2	1.24	<0.5	6	11	8	2.66
K272068		12.49	<0.005	<0.2	1.48	8	<10	260	<0.5	<2	1.13	<0.5	6	11	10	2.63
K272069		13.69	<0.005	<0.2	1.36	6	<10	220	<0.5	<2	1.14	<0.5	5	12	11	2.48
K272070		12.16	<0.005	<0.2	1.39	6	<10	200	<0.5	<2	1.24	<0.5	5	10	10	2.57
K272071		13.13	<0.005	<0.2	1.36	4	<10	240	<0.5	<2	1.22	<0.5	6	12	10	2.65
K272072		0.11	1.385	32.8	4.98	142	<10	50	<0.5	11	4.73	33.0	89	58	7010	8.40
K272073		12.57	<0.005	0.2	1.46	9	<10	190	0.5	<2	1.41	<0.5	6	10	26	2.83
K272074		12.25	<0.005	<0.2	1.45	5	<10	260	<0.5	<2	1.17	<0.5	6	13	14	2.82
K272075		12.16	<0.005	<0.2	1.36	33	<10	320	0.5	<2	1.86	<0.5	6	10	11	2.71
K272076		7.75	<0.005	<0.2	1.39	6	<10	270	<0.5	<2	1.24	<0.5	5	12	10	2.70
K272077		4.03	0.134	13.0	1.01	619	<10	520	0.6	<2	3.21	29.6	6	7	42	3.10
K272078		3.01	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.2	<0.5	1	1	2	0.43
K272079		9.42	<0.005	<0.2	1.24	5	<10	210	<0.5	<2	1.33	<0.5	5	10	18	2.56
K272080		4.74	0.291	9.4	0.69	584	<10	350	0.7	3	3.11	30.3	5	6	31	2.72
K272081		7.74	<0.005	0.2	1.25	7	<10	170	<0.5	<2	1.36	<0.5	5	11	16	2.74
K272082		8.90	0.007	0.6	1.16	20	<10	210	0.5	2	1.90	2.4	5	10	17	2.85
K272083		8.59	<0.005	<0.2	1.23	6	<10	160	<0.5	<2	1.25	<0.5	6	10	20	2.63
K272084		5.84	0.205	10.5	0.59	797	<10	50	0.5	3	2.57	32.8	9	6	88	4.30

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CERTIFICATE OF ANALYSIS WH11126583

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272049		10	<1	0.23	20	0.58	692	<1	0.08	2	570	90	0.23	3	5	54
K272050		10	<1	0.28	20	0.68	573	<1	0.09	2	570	10	0.06	<2	6	68
K272051		<10	<1	0.31	20	0.61	1135	<1	0.05	2	570	241	0.27	2	4	70
K272052		<10	<1	0.35	20	0.54	1505	<1	0.04	2	530	132	0.30	<2	5	92
K272053		<10	<1	0.40	20	0.48	1250	<1	0.05	3	560	15	0.35	<2	5	92
K272054		10	<1	0.21	20	0.66	435	<1	0.12	3	550	23	0.03	<2	4	46
K272055		10	1	0.26	<10	1.17	621	44	0.36	326	670	8390	7.02	31	4	80
K272056		10	<1	0.18	20	0.61	380	1	0.13	2	550	24	0.03	<2	3	45
K272057		10	<1	0.19	20	0.63	446	1	0.12	2	590	77	0.03	2	4	45
K272058		10	<1	0.19	20	0.72	525	1	0.12	2	570	14	0.04	2	6	45
K272059		10	1	0.20	20	0.72	485	1	0.13	1	570	14	0.03	<2	5	50
K272060		<10	<1	0.30	10	0.64	1900	2	0.02	2	350	735	1.91	10	4	60
K272061		<10	<1	0.02	<10	12.40	182	<1	0.02	<1	210	5	0.03	2	<1	53
K272062		<10	<1	0.34	20	0.40	988	1	0.02	2	490	30	0.61	6	5	61
K272063		<10	<1	0.22	20	0.69	640	<1	0.09	2	550	13	0.07	<2	6	74
K272064		<10	<1	0.33	20	0.63	1130	1	0.04	2	540	634	0.44	5	6	90
K272065		10	1	0.22	20	0.65	556	<1	0.11	3	580	104	0.04	2	5	53
K272066		10	<1	0.24	20	0.62	466	1	0.14	2	550	20	0.03	3	5	53
K272067		10	<1	0.24	20	0.61	443	1	0.14	3	560	13	0.02	<2	5	52
K272068		10	<1	0.24	20	0.63	410	1	0.17	2	560	15	0.02	2	4	61
K272069		10	<1	0.20	20	0.56	379	1	0.14	4	540	14	0.02	<2	3	54
K272070		10	<1	0.20	20	0.62	439	1	0.14	2	560	14	0.01	<2	4	55
K272071		10	<1	0.21	20	0.57	418	1	0.14	2	540	13	0.01	<2	4	55
K272072		10	1	0.25	<10	1.19	626	45	0.36	328	670	8400	7.08	30	4	80
K272073		10	<1	0.19	20	0.66	502	2	0.13	2	580	21	0.02	<2	5	60
K272074		10	<1	0.23	20	0.68	462	2	0.14	2	580	16	0.02	2	4	55
K272075		10	<1	0.25	20	0.65	551	1	0.11	2	590	27	0.05	2	5	81
K272076		10	<1	0.24	20	0.66	449	1	0.15	2	560	12	0.03	2	5	63
K272077		<10	<1	0.28	20	0.63	1190	1	0.07	2	530	2450	0.45	11	5	141
K272078		<10	<1	0.01	<10	12.40	195	<1	0.01	<1	170	5	0.01	<2	<1	46
K272079		10	<1	0.19	20	0.63	510	1	0.12	1	530	17	0.01	<2	5	63
K272080		<10	<1	0.29	20	0.82	1660	1	0.03	1	490	1520	0.76	7	6	103
K272081		10	<1	0.17	20	0.66	541	1	0.12	2	590	13	0.02	<2	6	66
K272082		10	<1	0.23	20	0.65	911	1	0.07	2	580	82	0.20	2	6	74
K272083		10	<1	0.17	20	0.63	449	1	0.11	1	590	10	0.01	<2	5	61
K272084		<10	<1	0.38	10	0.65	2120	1	0.02	2	530	354	2.77	11	4	69

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11126583

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272049		<20	0.04	<10	<10	46	<10	233	<1
K272050		20	0.02	<10	<10	46	<10	74	<1
K272051		<20	0.01	<10	<10	34	<10	374	<1
K272052		<20	<0.01	<10	<10	26	<10	189	8
K272053		20	<0.01	<10	<10	26	<10	87	1
K272054		<20	0.11	<10	<10	51	<10	65	4
K272055		<20	0.06	<10	10	319	<10	8060	30
K272056		<20	0.14	<10	<10	53	<10	61	<1
K272057		<20	0.12	<10	<10	53	<10	132	<1
K272058		<20	0.11	<10	<10	55	<10	41	<1
K272059		<20	0.13	<10	<10	54	<10	40	<1
K272060		<20	<0.01	<10	<10	12	<10	1655	8
K272061		<20	<0.01	<10	<10	<1	<10	20	<1
K272062		<20	<0.01	<10	<10	21	<10	118	1
K272063		<20	0.03	<10	<10	41	<10	43	1
K272064		<20	0.01	<10	<10	29	<10	468	3
K272065		<20	0.10	<10	<10	50	<10	95	1
K272066		<20	0.12	<10	<10	53	<10	55	<1
K272067		20	0.13	<10	<10	53	<10	36	<1
K272068		<20	0.16	<10	<10	55	<10	36	<1
K272069		<20	0.15	<10	<10	50	<10	34	<1
K272070		<20	0.14	<10	<10	54	<10	37	<1
K272071		20	0.14	<10	<10	53	<10	37	<1
K272072		<20	0.06	<10	10	324	<10	8180	31
K272073		20	0.09	<10	<10	55	<10	52	<1
K272074		<20	0.16	<10	<10	56	<10	40	<1
K272075		<20	0.10	<10	<10	52	<10	53	1
K272076		<20	0.12	<10	<10	53	<10	36	<1
K272077		<20	0.02	<10	<10	36	<10	1945	13
K272078		<20	<0.01	<10	<10	<1	<10	19	1
K272079		<20	0.06	<10	<10	49	<10	41	1
K272080		<20	<0.01	<10	<10	21	<10	2010	7
K272081		<20	0.05	<10	<10	53	<10	41	1
K272082		<20	0.02	<10	<10	43	<10	292	2
K272083		<20	0.10	<10	<10	53	<10	34	1
K272084		<20	<0.01	<10	<10	15	<10	2560	10

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VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11126584

Project: Klaza - DDH - 12

P.O. No.: BATCH 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11126584

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271037		8.07	0.018	1.1	0.68	87	<10	570	0.7	<2	2.37	0.8	4	5	9	2.23
K271038		8.03	0.065	6.5	1.09	416	<10	320	<0.5	<2	2.12	18.7	3	7	32	2.83
K271039		9.79	<0.005	<0.2	1.27	5	<10	170	<0.5	<2	1.96	<0.5	5	8	2	2.91
K271040		11.76	<0.005	<0.2	1.14	8	<10	170	<0.5	<2	1.47	<0.5	5	9	10	2.68
K271041		9.29	0.008	1.4	1.10	14	<10	430	<0.5	<2	1.56	5.6	4	10	18	2.71
K271042		10.37	<0.005	<0.2	1.13	7	<10	150	<0.5	<2	1.02	<0.5	4	9	15	2.57
K271043		7.80	0.009	<0.2	1.16	4	<10	180	<0.5	2	0.92	<0.5	4	9	13	2.34
K271044		0.10	1.630	32.1	4.76	143	<10	40	<0.5	7	4.49	31.2	87	56	6970	8.24
K271045		12.38	0.005	1.4	0.90	17	<10	260	0.5	<2	1.46	12.2	6	7	17	2.97
K271046		7.63	0.006	0.4	0.98	18	<10	150	<0.5	<2	1.40	0.9	7	8	10	2.61
K271047		3.77	3.14	>100	0.61	918	<10	20	0.6	92	2.11	43.5	10	5	3830	5.72
K271048		2.36	<0.005	0.5	0.03	2	<10	10	<0.5	<2	18.5	<0.5	1	1	11	0.44
K271049		9.85	0.008	0.7	0.96	19	<10	490	<0.5	<2	1.75	<0.5	7	8	10	2.65
K271050		4.37	0.090	1.7	0.55	19	<10	30	<0.5	2	2.84	<0.5	15	4	3	3.19
K271051		8.76	<0.005	<0.2	0.95	6	<10	310	<0.5	<2	1.65	<0.5	6	8	4	2.59
K271052		4.87	0.134	2.0	0.98	927	<10	150	0.6	<2	2.31	3.5	6	7	15	3.26
K271053		1.69	2.70	20.9	0.66	2610	<10	70	0.6	<2	2.15	47.5	9	4	163	3.87
K271054		10.72	0.052	1.6	0.59	218	<10	130	0.6	<2	2.61	2.1	7	4	14	2.61
K271055		3.02	<0.005	0.2	0.04	3	<10	<10	<0.5	<2	19.3	<0.5	1	1	2	0.44
K271056		11.89	<0.005	<0.2	1.12	4	<10	140	<0.5	<2	1.90	<0.5	6	9	39	2.83
K271057		12.37	<0.005	<0.2	1.14	8	<10	220	<0.5	<2	1.42	<0.5	6	9	31	2.83
K271058		5.92	<0.005	<0.2	1.22	6	<10	230	<0.5	<2	1.42	<0.5	6	9	29	2.87
K271059		6.14	<0.005	0.3	0.88	11	<10	540	0.6	<2	2.27	<0.5	7	6	8	2.80
K271060		5.39	<0.005	<0.2	1.14	3	<10	170	<0.5	<2	1.33	<0.5	5	9	8	2.74
K271061		7.65	<0.005	<0.2	1.32	5	<10	180	0.5	<2	1.72	<0.5	6	9	11	2.84
K271062		11.63	<0.005	<0.2	1.23	8	<10	130	<0.5	<2	1.03	<0.5	5	11	9	2.45
K271063		0.10	1.520	32.1	4.80	141	<10	40	<0.5	6	4.52	31.1	87	57	7050	8.31
K271064		6.85	0.007	0.5	1.22	13	<10	130	<0.5	2	1.28	<0.5	5	9	23	2.64
K271065		7.23	<0.005	0.2	1.11	12	<10	200	0.5	<2	1.96	<0.5	6	8	8	2.72
K271066		1.67	0.080	31.8	0.79	587	<10	270	0.7	<2	2.77	15.0	6	5	105	3.17
K271067		10.01	<0.005	0.2	1.42	5	<10	150	0.5	<2	1.37	<0.5	7	10	10	3.13
K271068		12.06	<0.005	<0.2	1.21	5	<10	100	<0.5	<2	1.13	<0.5	4	10	9	2.68
K271069		0.86	0.311	12.6	0.86	105	<10	240	0.6	4	3.72	13.5	7	5	45	2.43
K271070		11.17	<0.005	<0.2	1.38	8	<10	140	<0.5	<2	1.29	<0.5	6	10	10	3.07
K271071		12.51	<0.005	<0.2	1.34	7	<10	150	<0.5	<2	1.23	<0.5	5	10	7	2.88
K271072		10.09	<0.005	0.6	1.31	10	<10	140	<0.5	<2	1.49	2.9	5	10	27	3.08

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Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11126584

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271037		<10	1	0.35	20	0.60	1490	2	0.01	2	540	54	0.52	7	5	80
K271038		<10	1	0.25	20	0.56	1060	<1	0.06	2	550	675	0.67	8	4	60
K271039		<10	<1	0.18	20	0.73	563	<1	0.07	2	550	7	0.11	<2	6	51
K271040		<10	<1	0.17	20	0.63	516	1	0.08	1	570	10	0.05	<2	5	55
K271041		<10	<1	0.22	10	0.64	678	2	0.09	2	560	517	0.16	<2	5	56
K271042		<10	<1	0.18	10	0.63	428	2	0.11	1	580	20	0.03	<2	4	45
K271043		<10	<1	0.19	10	0.57	336	1	0.12	1	530	13	0.03	<2	3	42
K271044		10	1	0.24	<10	1.12	615	46	0.32	311	670	8280	7.18	27	4	77
K271045		<10	<1	0.21	20	0.54	1205	1	0.05	1	540	619	0.24	<2	6	52
K271046		<10	<1	0.19	10	0.63	667	1	0.08	2	580	55	0.35	<2	5	49
K271047		<10	4	0.28	10	0.57	1745	2	0.02	2	440	7890	5.17	415	5	57
K271048		<10	<1	0.02	<10	11.90	201	<1	0.02	2	200	12	0.03	<2	<1	50
K271049		<10	<1	0.21	20	0.67	706	1	0.07	1	560	36	0.47	<2	6	82
K271050		<10	<1	0.30	10	0.71	1235	1	0.03	1	550	57	2.27	<2	4	99
K271051		10	<1	0.19	20	0.62	582	<1	0.06	2	550	7	0.34	<2	5	70
K271052		<10	<1	0.25	20	0.59	1450	<1	0.02	1	560	479	1.09	5	6	76
K271053		<10	<1	0.40	10	0.29	2240	<1	0.02	1	510	4730	3.46	30	3	62
K271054		<10	<1	0.32	10	0.54	1715	<1	0.01	1	510	184	1.50	3	3	75
K271055		<10	1	0.02	<10	11.85	207	<1	0.01	2	180	5	0.02	<2	<1	44
K271056		<10	<1	0.15	20	0.67	576	<1	0.08	2	580	10	0.06	2	6	86
K271057		<10	<1	0.20	20	0.60	499	<1	0.11	2	570	9	0.05	<2	6	76
K271058		<10	<1	0.23	20	0.60	503	<1	0.13	2	560	9	0.05	<2	7	78
K271059		<10	<1	0.24	20	0.67	1065	<1	0.04	1	520	33	0.32	<2	6	93
K271060		10	<1	0.17	10	0.63	469	<1	0.09	1	560	9	0.07	<2	5	59
K271061		<10	1	0.15	10	0.67	525	<1	0.07	1	560	12	0.06	<2	5	78
K271062		10	1	0.15	10	0.63	351	1	0.10	1	550	11	0.02	<2	3	47
K271063		10	2	0.24	<10	1.12	616	46	0.33	312	670	8330	7.24	27	4	78
K271064		<10	<1	0.17	10	0.66	512	<1	0.09	2	540	25	0.08	<2	4	52
K271065		<10	1	0.17	20	0.55	583	<1	0.06	1	520	13	0.19	<2	6	62
K271066		<10	<1	0.40	20	0.79	1915	1	0.02	2	550	5140	0.86	22	5	75
K271067		10	<1	0.17	10	0.70	490	1	0.09	2	620	19	0.07	2	6	59
K271068		<10	<1	0.15	10	0.69	447	<1	0.08	2	550	16	0.05	2	4	50
K271069		<10	<1	0.36	20	0.55	2010	1	0.02	2	600	493	0.96	2	4	109
K271070		10	<1	0.20	20	0.69	487	<1	0.12	2	600	11	0.07	<2	5	62
K271071		10	<1	0.20	10	0.73	515	1	0.11	1	580	14	0.07	<2	5	57
K271072		10	<1	0.19	20	0.72	568	<1	0.11	2	600	51	0.08	<2	6	68

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Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11126584

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
K271037		<20	<0.01	<10	<10	18	<10	117	2
K271038		<20	0.01	<10	<10	34	<10	1590	6
K271039		<20	0.02	<10	<10	46	<10	47	<1
K271040		<20	0.07	<10	<10	50	<10	38	1
K271041		<20	0.09	<10	<10	49	<10	597	1
K271042		<20	0.13	<10	<10	56	<10	49	<1
K271043		<20	0.15	<10	<10	51	<10	29	<1
K271044		<20	0.06	<10	<10	310	<10	7830	30
K271045		<20	0.03	<10	<10	40	<10	1305	2
K271046		<20	0.08	<10	<10	49	<10	129	1
K271047		<20	<0.01	<10	<10	20	<10	5320	253
K271048		<20	<0.01	<10	<10	2	<10	27	1
K271049		<20	0.02	<10	<10	40	<10	83	1
K271050		<20	<0.01	<10	<10	16	<10	73	2
K271051		<20	0.01	<10	<10	40	<10	33	1
K271052		<20	<0.01	<10	<10	31	<10	473	2
K271053		<20	<0.01	<10	<10	13	<10	6020	20
K271054		<20	<0.01	<10	<10	15	<10	301	2
K271055		<20	<0.01	<10	<10	2	<10	20	1
K271056		<20	0.03	<10	<10	48	<10	35	1
K271057		<20	0.05	<10	<10	48	<10	35	<1
K271058		<20	0.04	<10	<10	48	<10	34	<1
K271059		<20	0.01	<10	<10	34	<10	54	<1
K271060		<20	0.07	<10	<10	51	<10	34	<1
K271061		<20	0.06	<10	<10	51	<10	38	1
K271062		<20	0.14	<10	<10	52	<10	28	1
K271063		<20	0.06	<10	<10	316	<10	7870	31
K271064		<20	0.10	<10	<10	50	<10	48	1
K271065		<20	0.02	<10	<10	41	<10	38	<1
K271066		<20	<0.01	<10	<10	20	<10	1215	30
K271067		<20	0.11	<10	<10	57	<10	42	1
K271068		<20	0.13	<10	<10	51	<10	36	1
K271069		<20	<0.01	<10	<10	22	<10	920	11
K271070		<20	0.13	<10	<10	57	<10	38	1
K271071		<20	0.13	<10	<10	57	<10	39	<1
K271072		<20	0.08	<10	<10	56	<10	202	1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11126585

Project: Klaza TR- 29

P.O. No.: Batch 5

This report is for 30 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11126585

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274284		4.29	<0.005	0.7	1.18	8	<10	320	0.5	<2	0.65	<0.5	6	6	39	2.75
K274285		2.90	0.007	0.6	1.09	12	<10	410	<0.5	<2	0.60	<0.5	7	10	50	2.82
K274286		3.90	0.007	0.6	0.65	12	<10	340	0.7	<2	0.34	<0.5	6	5	31	2.63
K274287		4.22	0.009	0.5	1.09	19	<10	640	0.5	<2	0.63	<0.5	9	19	36	3.28
K274288		2.63	0.009	0.6	0.94	18	<10	600	<0.5	<2	0.63	<0.5	8	15	31	2.93
K274289		4.28	0.029	0.9	0.76	35	<10	1030	1.1	<2	2.05	<0.5	21	63	56	4.52
K274290		2.57	0.005	0.3	0.70	15	<10	250	0.6	<2	1.24	<0.5	10	5	17	2.77
K274291		2.29	<0.005	0.5	1.87	11	<10	390	0.7	<2	1.96	<0.5	16	87	22	3.45
K274292		3.50	0.005	0.4	0.85	23	<10	550	0.5	<2	1.91	0.5	11	40	11	2.84
K274293		3.17	0.014	0.9	1.21	38	<10	900	0.7	<2	1.10	1.0	14	44	40	3.48
K274294		0.12	1.535	32.4	4.47	134	<10	40	<0.5	10	4.35	30.6	81	54	6670	8.02
K274295		3.51	0.014	0.6	0.80	25	<10	680	0.6	<2	0.36	1.0	8	6	44	2.84
K274296		3.21	0.017	1.1	0.82	40	<10	2390	0.7	<2	0.33	4.1	8	7	20	2.98
K274297		5.47	0.028	1.7	0.70	56	<10	1220	0.8	2	1.24	8.0	9	4	20	4.19
K274298		5.54	0.013	0.7	0.78	27	<10	540	0.8	2	0.28	2.7	7	6	16	2.95
K274299		4.69	0.010	1.9	0.62	83	<10	540	0.9	<2	0.26	4.4	8	4	93	3.74
K274300		3.69	0.098	3.0	0.65	214	<10	810	0.7	2	1.81	21.0	8	5	34	5.52
K274301		3.60	0.073	2.7	0.57	169	<10	730	0.6	2	1.28	8.0	6	4	34	4.62
K274302		4.00	0.014	0.9	0.63	31	<10	310	0.9	<2	0.30	2.8	6	5	24	3.08
K274303		4.32	0.273	6.5	0.60	184	<10	750	0.7	3	0.21	9.1	8	4	115	6.31
K274304		2.03	0.009	0.3	0.04	<2	<10	20	<0.5	<2	19.1	<0.5	2	<1	<1	0.44
K274305		4.67	0.229	3.3	0.67	106	<10	780	0.7	3	0.34	4.0	7	6	51	4.54
K274306		2.84	0.006	0.4	0.94	13	<10	360	<0.5	2	0.49	1.0	7	9	9	2.72
K274307		3.69	0.008	0.9	0.77	26	<10	390	0.8	2	0.45	1.2	7	5	15	3.12
K274308		3.38	0.006	0.6	0.68	18	<10	340	0.5	2	0.52	1.1	6	8	18	2.69
K274309		4.51	0.005	0.5	0.68	19	<10	1750	0.8	<2	0.47	0.6	7	4	12	2.85
K274310		3.48	0.009	0.6	0.82	19	<10	750	0.7	<2	0.34	0.5	7	7	9	2.75
K274311		3.41	<0.005	0.2	0.98	18	<10	270	0.5	<2	0.44	0.5	7	10	6	2.61
K274312		3.60	0.014	0.7	0.78	28	<10	770	0.8	<2	1.20	0.5	8	6	8	3.14
K274313		4.09	0.005	0.3	1.35	11	<10	380	0.5	<2	0.45	<0.5	7	10	7	2.79

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11126585

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274284		<10	<1	0.16	20	0.57	958	1	0.03	3	620	11	0.05	2	6	28
K274285		<10	<1	0.23	20	0.50	1080	1	0.05	4	600	21	0.05	3	6	30
K274286		<10	<1	0.20	30	0.10	1045	1	0.01	4	600	16	0.02	3	8	14
K274287		<10	<1	0.23	20	0.43	961	1	0.05	13	610	27	0.05	3	7	37
K274288		<10	<1	0.18	20	0.43	911	1	0.04	12	590	26	0.05	<2	7	34
K274289		<10	<1	0.23	10	0.27	1335	3	0.02	55	620	27	0.08	4	13	53
K274290		<10	<1	0.20	30	0.11	894	1	0.01	19	630	11	0.02	<2	6	21
K274291		10	<1	0.20	10	1.51	867	1	0.04	56	680	16	0.02	3	8	74
K274292		<10	<1	0.20	20	0.46	911	1	0.03	28	680	16	0.05	3	6	40
K274293		<10	<1	0.21	20	0.64	1070	2	0.05	34	680	68	0.14	4	8	58
K274294		10	1	0.23	10	1.08	600	42	0.32	282	630	7680	6.77	31	4	72
K274295		<10	<1	0.21	30	0.20	906	1	0.03	6	600	63	0.05	3	7	23
K274296		<10	<1	0.21	30	0.15	1320	2	0.04	5	610	170	0.07	3	7	34
K274297		<10	1	0.19	20	0.16	4650	3	0.03	1	560	488	0.18	6	7	33
K274298		<10	<1	0.24	20	0.08	1095	2	0.02	<1	610	60	0.05	3	8	17
K274299		<10	<1	0.27	20	0.05	1595	3	0.02	<1	700	241	0.08	18	7	17
K274300		<10	<1	0.31	20	0.36	8120	4	0.03	<1	480	841	0.25	6	4	37
K274301		<10	<1	0.28	20	0.17	5600	4	0.02	<1	510	595	0.43	4	4	28
K274302		<10	<1	0.27	20	0.06	1570	3	0.01	<1	630	39	0.05	3	9	21
K274303		<10	<1	0.29	20	0.07	7290	6	0.02	<1	460	918	0.30	12	5	21
K274304		<10	<1	0.02	<10	11.70	214	1	0.02	<1	160	6	0.02	<2	<1	49
K274305		<10	1	0.23	30	0.13	4100	4	0.03	<1	580	847	0.10	7	5	23
K274306		<10	<1	0.21	20	0.42	868	1	0.07	<1	580	53	0.09	<2	5	27
K274307		<10	<1	0.28	20	0.07	1440	3	0.03	<1	610	56	0.08	<2	8	17
K274308		<10	<1	0.20	20	0.17	1110	3	0.05	<1	580	63	0.09	2	5	25
K274309		<10	<1	0.21	30	0.09	1030	3	0.03	<1	620	28	0.07	2	9	28
K274310		<10	<1	0.23	30	0.11	879	2	0.03	<1	600	29	0.05	2	7	19
K274311		<10	<1	0.18	20	0.35	624	2	0.06	1	590	23	0.03	<2	6	24
K274312		<10	<1	0.25	30	0.25	1360	2	0.04	<1	580	54	0.07	<2	7	35
K274313		10	<1	0.19	20	0.54	595	2	0.05	<1	590	19	0.03	<2	6	25

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11126585

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274284		<20	0.01	<10	<10	42	<10	55
K274285		<20	0.04	<10	<10	46	<10	65
K274286		20	0.01	<10	<10	35	<10	68
K274287		<20	0.02	<10	<10	48	<10	83
K274288		<20	0.02	<10	<10	45	<10	79
K274289		<20	<0.01	<10	<10	70	<10	131
K274290		<20	<0.01	<10	<10	36	<10	58
K274291		<20	0.02	<10	<10	72	<10	74
K274292		<20	0.01	<10	<10	49	<10	73
K274293		<20	0.01	<10	<10	57	<10	132
K274294		<20	0.05	<10	<10	303	10	7050
K274295		<20	0.01	<10	<10	37	<10	169
K274296		<20	0.01	<10	<10	34	<10	318
K274297		<20	0.01	<10	<10	32	<10	545
K274298		<20	<0.01	<10	<10	35	<10	232
K274299		<20	<0.01	<10	<10	29	<10	391
K274300		<20	<0.01	<10	<10	15	<10	1430
K274301		<20	<0.01	<10	<10	15	<10	720
K274302		<20	<0.01	<10	<10	32	<10	257
K274303		<20	<0.01	<10	<10	16	<10	645
K274304		<20	<0.01	<10	<10	<1	<10	22
K274305		<20	0.01	<10	<10	25	<10	365
K274306		<20	0.03	<10	<10	40	<10	89
K274307		20	<0.01	<10	<10	33	<10	138
K274308		<20	0.01	<10	<10	32	<10	112
K274309		<20	<0.01	<10	<10	34	<10	74
K274310		20	<0.01	<10	<10	34	<10	83
K274311		<20	0.03	<10	<10	41	<10	76
K274312		<20	<0.01	<10	<10	32	<10	122
K274313		<20	0.04	<10	<10	48	<10	60

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11126586

Project: Klaza TR- 28

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11126586

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273700		4.38	<0.005	0.2	0.64	8	<10	670	0.6	2	0.52	0.6	4	5	2	3.02
K273896		5.34	0.020	0.4	0.62	36	<10	1120	0.7	<2	0.23	0.5	10	2	11	3.79
K273897		3.57	0.137	2.1	0.63	213	<10	1520	0.6	3	0.18	1.2	3	4	33	3.87
K273898		4.47	0.203	5.9	0.61	329	<10	1530	0.6	3	0.17	2.2	5	1	73	4.72
K273899		4.80	0.223	3.8	0.61	263	<10	560	0.5	3	0.22	3.6	2	2	39	4.48
K273900		4.97	0.018	0.6	1.02	16	<10	1680	0.6	2	0.40	1.0	4	4	5	3.12
K273901		4.50	<0.005	0.3	1.07	10	<10	1410	0.5	2	1.59	<0.5	6	5	14	3.05
K273902		0.15	1.495	32.0	4.76	141	<10	50	<0.5	6	4.51	31.1	82	56	6990	8.16
K273903		4.47	<0.005	0.4	1.13	10	<10	1370	<0.5	2	2.10	<0.5	14	4	13	2.63
K273904		4.64	0.005	0.5	1.28	13	<10	650	<0.5	2	1.98	<0.5	6	6	2	2.73
K273905		3.95	<0.005	0.3	1.40	5	<10	1060	0.5	<2	1.81	<0.5	5	6	4	2.52
K273906		5.15	0.020	0.9	0.92	48	<10	1170	1.1	2	2.87	0.6	7	3	7	2.85
K273907		2.59	0.143	4.4	0.59	264	<10	140	0.6	3	2.00	50.7	10	1	63	4.55
K273908		3.14	0.062	2.0	1.01	342	<10	690	1.4	<2	2.47	11.9	4	2	3	2.45
K273909		3.75	5.19	>100	0.31	>10000	<10	20	<0.5	2	4.85	595	2	<1	451	5.48
K273910		2.24	0.006	0.3	0.05	15	<10	20	<0.5	2	18.8	0.5	1	<1	3	0.42
K273911		4.28	0.038	2.0	0.78	154	<10	270	0.6	<2	1.16	2.4	6	4	<1	2.97
K273912		2.85	0.008	0.4	0.65	23	<10	640	0.7	2	1.64	<0.5	10	4	11	2.59
K273913		4.27	0.005	0.5	0.76	19	<10	260	0.6	2	1.34	0.7	7	5	39	2.55
K273914		1.70	<0.005	0.2	1.40	9	<10	600	<0.5	<2	1.97	<0.5	6	7	4	2.82
K273915		2.60	0.086	5.5	1.21	26	<10	740	0.5	<2	1.69	<0.5	5	5	524	3.32
K273916		4.26	0.008	0.2	1.24	10	<10	460	0.5	<2	2.05	<0.5	3	7	8	2.88
K273917		3.08	0.006	0.4	0.75	15	<10	760	0.5	<2	1.89	0.7	4	5	15	2.66
K273918		3.82	<0.005	0.6	0.81	18	<10	1760	0.6	<2	1.90	0.5	4	5	39	2.85
K273919		2.40	0.057	18.6	0.74	147	<10	50	0.7	2	1.22	56.0	35	1	8	9.63
K273920		3.86	0.013	8.6	1.07	27	<10	760	0.7	<2	1.45	15.7	10	5	3	3.92
K273921		3.44	<0.005	0.5	0.62	14	<10	1130	0.5	<2	2.34	0.7	5	4	4	2.75
K273922		4.07	0.009	1.7	1.05	35	<10	1100	0.6	<2	0.82	4.7	8	7	13	3.02
K273923		3.23	0.036	2.4	0.89	160	<10	690	0.7	<2	0.39	11.3	19	5	16	3.16
K273924		3.62	0.409	5.0	0.77	1575	<10	200	0.8	<2	2.62	32.7	10	3	16	3.44
K273925		4.32	<0.005	0.3	1.31	17	<10	260	0.6	<2	1.31	1.3	3	5	1	2.54
K273926		4.28	0.007	0.7	0.83	24	<10	410	0.6	<2	2.56	5.2	3	5	8	2.50
K273927		3.70	0.010	8.7	0.92	24	<10	570	0.6	<2	1.59	6.0	4	4	10	2.89
K273928		4.70	<0.005	4.3	0.87	15	<10	350	0.7	<2	2.08	5.5	5	5	11	2.63
K273929		2.60	<0.005	0.8	0.98	11	<10	340	0.6	<2	1.41	4.6	6	6	19	2.73
K273930		4.21	<0.005	0.6	1.05	10	<10	270	0.6	<2	2.39	3.2	7	7	25	2.71

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11126586

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273700		<10	<1	0.33	20	0.07	1400	1	0.04	<1	590	36	0.06	<2	4	22
K273896		<10	<1	0.35	20	0.06	2950	1	0.02	<1	550	60	0.16	3	4	23
K273897		<10	<1	0.39	20	0.04	4280	4	0.03	<1	510	124	0.13	12	3	28
K273898		<10	1	0.36	10	0.05	3270	4	0.03	<1	480	104	0.16	33	3	31
K273899		<10	<1	0.39	20	0.05	2930	2	0.02	<1	510	739	0.55	10	2	23
K273900		<10	<1	0.25	30	0.27	969	1	0.05	<1	620	45	0.12	<2	5	33
K273901		<10	1	0.27	30	0.34	890	1	0.05	<1	600	14	0.07	2	4	67
K273902		10	1	0.23	<10	1.14	607	48	0.34	306	650	8130	7.01	26	4	77
K273903		<10	<1	0.22	20	0.51	742	1	0.04	<1	540	18	0.10	<2	4	102
K273904		10	1	0.21	20	0.65	754	1	0.05	<1	560	21	0.04	<2	5	83
K273905		10	<1	0.20	20	0.63	588	1	0.04	<1	590	13	0.04	2	5	89
K273906		<10	<1	0.34	20	0.17	1535	1	0.03	<1	540	31	0.09	4	4	99
K273907		<10	1	0.40	10	0.12	6990	1	0.02	<1	460	2430	1.56	11	3	82
K273908		<10	<1	0.36	20	0.12	3080	2	0.02	<1	540	118	0.15	8	4	116
K273909		<10	3	0.14	<10	0.94	8210	7	0.02	<1	130	>10000	4.89	537	2	153
K273910		<10	<1	0.02	<10	11.90	200	<1	<0.01	1	500	10	0.02	<2	<1	53
K273911		<10	<1	0.29	20	0.19	3830	1	0.04	<1	580	82	0.28	8	5	55
K273912		<10	<1	0.28	20	0.17	1060	1	0.05	<1	560	17	0.13	5	5	62
K273913		<10	<1	0.19	20	0.27	688	1	0.04	<1	600	23	0.06	6	7	45
K273914		10	<1	0.24	20	0.78	719	1	0.05	2	570	6	0.06	2	4	68
K273915		<10	<1	0.26	30	0.58	936	1	0.05	2	610	10	0.38	8	5	68
K273916		<10	<1	0.31	30	0.53	932	1	0.05	2	600	8	0.03	3	5	69
K273917		<10	<1	0.26	20	0.24	951	1	0.05	1	590	14	0.04	5	4	60
K273918		<10	<1	0.26	20	0.30	1190	1	0.05	1	540	15	0.16	7	5	64
K273919		<10	1	0.45	10	0.38	9160	2	0.01	2	950	4010	3.81	10	5	46
K273920		<10	1	0.31	30	0.40	2960	1	0.05	2	640	1935	0.39	6	5	59
K273921		<10	<1	0.28	20	0.18	1015	1	0.04	4	560	25	0.11	2	3	73
K273922		<10	<1	0.21	20	0.34	1390	1	0.04	3	570	202	0.06	3	6	49
K273923		<10	<1	0.31	30	0.17	2230	2	0.02	3	560	311	0.11	5	5	25
K273924		<10	1	0.29	20	0.33	3570	2	0.02	1	510	381	1.00	19	4	98
K273925		<10	<1	0.20	30	0.71	695	1	0.04	2	590	16	<0.01	5	5	53
K273926		<10	<1	0.21	30	0.15	991	1	0.03	1	560	19	0.01	4	6	123
K273927		<10	<1	0.22	30	0.37	1410	1	0.04	1	570	73	0.09	4	5	49
K273928		<10	<1	0.21	30	0.33	1415	1	0.03	1	550	48	0.03	3	6	62
K273929		<10	<1	0.20	20	0.40	1060	1	0.05	2	560	33	0.01	3	6	60
K273930		<10	<1	0.18	30	0.34	945	2	0.03	2	580	15	0.01	4	7	81

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VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11126586

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K273700		<20	<0.01	<10	<10	28	<10	121			
K273896		<20	<0.01	<10	<10	19	<10	125			
K273897		<20	<0.01	<10	<10	10	<10	175			
K273898		<20	<0.01	<10	<10	13	<10	267			
K273899		<20	<0.01	<10	<10	10	<10	1010			
K273900		<20	<0.01	<10	<10	31	<10	185			
K273901		<20	<0.01	<10	<10	33	<10	75			
K273902		<20	0.06	<10	<10	313	<10	7580			
K273903		<20	<0.01	<10	<10	31	<10	68			
K273904		<20	<0.01	<10	<10	38	<10	76			
K273905		<20	<0.01	<10	<10	39	<10	57			
K273906		<20	<0.01	<10	<10	24	<10	132			
K273907		<20	<0.01	<10	<10	14	<10	4640			
K273908		<20	<0.01	<10	<10	20	<10	884			
K273909		<20	<0.01	<10	<10	6	10	>10000	421	1.770	3.65
K273910		<20	<0.01	<10	<10	2	<10	38			
K273911		<20	<0.01	<10	<10	28	<10	238			
K273912		<20	<0.01	<10	<10	29	<10	85			
K273913		<20	<0.01	<10	<10	40	<10	102			
K273914		<20	0.01	<10	<10	35	<10	55			
K273915		<20	0.01	<10	<10	34	<10	72			
K273916		<20	0.01	<10	<10	35	<10	76			
K273917		<20	<0.01	<10	<10	29	<10	102			
K273918		<20	<0.01	<10	<10	31	<10	91			
K273919		<20	<0.01	<10	<10	40	<10	3440			
K273920		<20	<0.01	<10	<10	32	<10	1080			
K273921		<20	<0.01	<10	<10	25	<10	100			
K273922		<20	0.01	<10	<10	36	<10	588			
K273923		<20	<0.01	<10	<10	26	<10	802			
K273924		<20	<0.01	<10	<10	20	<10	2810			
K273925		<20	0.01	<10	<10	40	<10	241			
K273926		<20	<0.01	<10	<10	31	<10	512			
K273927		<20	<0.01	<10	<10	34	<10	642			
K273928		<20	0.01	<10	<10	35	<10	655			
K273929		<20	0.01	<10	<10	39	<10	540			
K273930		<20	0.01	<10	<10	41	<10	352			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126587

Project: Klaza TR- 29

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11126587

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274137		2.87	0.017	1.5	0.69	54	<10	300	<0.5	<2	0.19	7.6	5	5	13	2.83
K274138		3.48	0.027	1.6	0.66	74	<10	360	0.5	<2	0.18	11.0	6	5	19	3.15
K274139		3.85	0.073	17.3	0.88	201	<10	440	0.8	2	0.20	12.8	4	11	91	5.57
K274140		4.03	0.039	37.3	0.69	67	<10	390	<0.5	2	0.20	12.6	6	5	35	2.85
K274141		5.04	0.100	27.9	0.78	296	<10	560	0.8	<2	0.22	25.5	5	4	90	4.30
K274142		3.57	0.032	1.6	1.21	78	<10	450	0.7	2	0.34	12.0	6	22	12	4.29
K274143		1.99	0.082	3.7	0.72	294	<10	300	0.5	<2	0.13	12.7	6	12	31	7.49
K274144		3.16	0.082	10.4	0.52	184	<10	620	<0.5	3	0.08	21.3	2	3	31	4.16
K274145		4.43	0.034	1.5	0.72	65	<10	430	0.6	<2	0.20	14.3	6	5	23	3.39
K274146		4.80	0.043	0.7	0.80	29	<10	590	0.8	<2	0.24	4.0	4	4	10	3.27
K274147		2.79	<0.005	0.2	0.72	13	<10	350	0.5	2	0.91	1.8	6	4	12	2.02
K274148		3.05	0.007	0.5	0.76	27	<10	520	0.6	<2	0.29	2.7	4	6	12	2.78
K274149		3.22	0.016	0.8	0.80	38	<10	600	0.8	2	0.27	2.0	5	5	18	3.08
K274150		3.09	0.006	0.3	0.65	34	<10	660	0.5	<2	0.18	2.9	6	4	8	2.44
K274151		2.62	0.009	0.4	1.29	20	<10	260	0.6	<2	0.27	1.3	5	6	6	3.06
K274152		3.04	0.015	0.8	0.74	51	<10	390	0.5	<2	0.20	5.0	3	6	15	3.46
K274153		2.47	0.016	0.9	0.61	44	<10	750	0.6	<2	0.20	6.3	3	3	7	3.89
K274154		3.10	0.055	1.6	0.45	79	<10	1150	<0.5	2	0.10	6.8	3	4	14	2.55
K274155		3.19	0.133	5.0	0.44	129	<10	1490	<0.5	2	0.09	11.1	3	3	26	4.29
K274156		3.19	0.078	1.9	0.48	105	<10	1270	<0.5	2	0.10	11.1	4	3	18	3.08
K274157		3.71	0.113	4.2	0.44	128	<10	1350	<0.5	2	0.07	8.0	2	3	53	4.57
K274158		3.59	0.073	4.0	0.50	189	<10	440	<0.5	2	0.11	5.3	1	2	34	4.46
K274159		3.64	0.262	9.2	0.43	243	<10	670	<0.5	3	0.07	7.7	3	3	39	3.94
K274160		3.94	0.108	3.2	0.50	293	10	510	<0.5	3	0.10	3.6	2	2	26	5.01
K274161		2.29	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	19.7	<0.5	1	<1	2	0.43
K274162		3.44	0.135	0.9	0.58	51	<10	500	<0.5	2	0.19	25.4	10	2	12	2.55
K274163		3.43	0.018	1.1	0.66	64	<10	590	<0.5	<2	0.16	21.7	5	3	18	2.37
K274164		2.30	0.099	2.6	0.60	211	<10	390	<0.5	4	0.15	4.0	3	3	27	3.80
K274165		4.10	0.077	1.8	0.50	127	<10	300	<0.5	<2	0.11	6.4	3	2	25	2.76
K274166		3.76	0.078	2.0	0.69	159	<10	290	0.5	<2	0.20	7.0	3	2	20	2.90
K274167		0.13	1.460	31.0	4.74	140	<10	40	<0.5	10	4.48	31.7	82	55	6670	7.94
K274168		3.97	0.072	1.8	0.62	113	<10	420	0.5	<2	0.24	5.0	2	3	44	3.24
K274169		2.76	0.068	2.7	0.59	78	<10	250	<0.5	2	0.19	5.5	3	4	37	2.88
K274170		3.59	0.074	3.3	0.63	82	<10	440	<0.5	3	0.18	9.7	3	4	53	2.88
K274171		3.03	0.051	2.2	0.54	89	<10	260	<0.5	2	0.16	8.2	2	2	44	3.12
K274172		2.81	0.075	1.8	0.66	97	<10	460	0.5	<2	0.25	8.3	2	4	24	3.39

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CERTIFICATE OF ANALYSIS WH11126587

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274137		<10	<1	0.29	20	0.11	2070	1	0.02	3	500	731	0.03	<2	3	13
K274138		<10	<1	0.27	20	0.11	2650	1	0.02	4	540	697	0.03	2	3	15
K274139		<10	<1	0.35	20	0.13	2560	2	0.02	4	650	5220	0.10	9	7	17
K274140		<10	<1	0.30	10	0.15	2040	2	0.03	3	490	>10000	0.25	24	3	14
K274141		<10	1	0.29	20	0.09	2200	2	0.01	4	580	6220	0.13	14	6	17
K274142		10	<1	0.43	30	0.34	1740	1	0.03	7	910	461	0.06	2	10	24
K274143		<10	<1	0.48	40	0.05	1325	1	0.01	4	980	1120	0.35	5	8	24
K274144		<10	<1	0.33	20	0.03	2380	1	0.01	3	480	2590	0.15	5	3	16
K274145		<10	1	0.30	20	0.09	3460	1	0.02	8	540	497	0.04	<2	4	19
K274146		<10	<1	0.35	20	0.06	1835	1	0.01	4	600	77	0.02	<2	6	16
K274147		<10	<1	0.28	20	0.18	1105	3	0.01	11	590	35	0.03	<2	4	20
K274148		<10	<1	0.29	20	0.11	1735	1	0.02	3	610	56	0.07	<2	5	16
K274149		<10	1	0.30	30	0.08	1750	1	0.01	4	630	79	0.04	2	7	18
K274150		<10	<1	0.26	20	0.05	1325	2	0.01	4	540	51	0.05	<2	5	13
K274151		10	<1	0.20	30	0.42	887	1	0.01	3	650	38	0.01	<2	7	14
K274152		<10	<1	0.28	20	0.08	1380	3	0.02	4	570	147	0.03	<2	4	14
K274153		<10	<1	0.37	20	0.04	2250	1	0.01	4	520	203	0.16	<2	4	17
K274154		<10	<1	0.25	20	0.04	1435	2	0.01	2	300	265	0.10	<2	2	16
K274155		<10	1	0.26	10	0.03	1175	3	0.01	3	330	1365	0.20	4	2	17
K274156		<10	<1	0.32	20	0.03	1790	3	0.01	2	410	318	0.10	2	2	18
K274157		<10	<1	0.29	20	0.02	840	3	0.01	2	320	1115	0.19	3	2	21
K274158		<10	<1	0.51	10	0.03	359	2	0.01	1	290	1085	0.61	6	2	16
K274159		<10	3	0.33	10	0.02	552	3	0.01	1	260	1645	0.47	7	1	17
K274160		<10	<1	0.43	10	0.03	456	2	0.02	1	460	692	0.43	3	2	21
K274161		<10	<1	0.01	<10	12.65	199	<1	0.02	<1	170	7	0.02	<2	<1	48
K274162		<10	<1	0.36	10	0.04	7210	2	0.01	2	570	158	0.09	<2	2	22
K274163		<10	<1	0.41	10	0.03	4760	2	0.01	3	560	313	0.13	<2	3	13
K274164		<10	<1	0.42	10	0.04	1050	3	0.01	3	380	308	0.38	5	3	21
K274165		<10	<1	0.35	10	0.03	1805	4	0.01	1	380	222	0.12	4	2	14
K274166		<10	1	0.28	30	0.05	1895	3	0.01	3	440	389	0.08	<2	4	17
K274167		10	2	0.23	<10	1.12	606	42	0.33	301	650	8020	6.84	27	4	71
K274168		<10	<1	0.33	20	0.05	2530	6	0.01	3	530	264	0.09	4	5	14
K274169		<10	1	0.25	10	0.06	1155	3	0.01	2	450	313	0.10	5	4	14
K274170		<10	<1	0.27	20	0.07	1945	3	0.01	4	510	503	0.06	7	3	16
K274171		<10	<1	0.30	30	0.03	2090	2	0.01	1	540	245	0.05	6	3	13
K274172		<10	<1	0.23	20	0.04	1900	3	0.01	6	520	300	0.10	3	4	18

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VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11126587

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
K274137		<20	0.01	<10	<10	21	<10	639	
K274138		<20	0.01	<10	<10	22	<10	942	
K274139		<20	0.01	<10	<10	33	<10	2210	
K274140		<20	0.01	<10	<10	22	<10	1020	1.255
K274141		<20	<0.01	<10	<10	25	<10	2230	
K274142		<20	0.02	<10	<10	64	<10	1015	
K274143		<20	<0.01	<10	<10	30	<10	1425	
K274144		<20	<0.01	<10	<10	11	<10	1235	
K274145		<20	0.01	<10	<10	22	<10	962	
K274146		<20	<0.01	<10	<10	27	<10	407	
K274147		<20	0.01	<10	<10	25	<10	236	
K274148		<20	0.01	<10	<10	28	<10	261	
K274149		<20	<0.01	<10	<10	32	<10	286	
K274150		<20	0.01	<10	<10	26	<10	337	
K274151		<20	0.01	<10	<10	42	<10	323	
K274152		<20	0.01	<10	<10	26	<10	515	
K274153		<20	<0.01	<10	<10	19	<10	562	
K274154		<20	<0.01	<10	<10	13	<10	444	
K274155		<20	<0.01	<10	<10	13	<10	1000	
K274156		<20	<0.01	<10	<10	11	<10	766	
K274157		<20	<0.01	<10	<10	10	<10	1265	
K274158		<20	<0.01	<10	<10	9	<10	974	
K274159		<20	<0.01	<10	<10	9	<10	1015	
K274160		<20	<0.01	<10	<10	12	<10	787	
K274161		<20	<0.01	<10	<10	<1	<10	22	
K274162		<20	<0.01	<10	<10	7	<10	1245	
K274163		<20	<0.01	<10	<10	9	<10	955	
K274164		<20	<0.01	<10	<10	17	<10	451	
K274165		<20	<0.01	<10	<10	12	<10	479	
K274166		<20	<0.01	<10	<10	17	<10	577	
K274167		<20	0.05	<10	10	307	<10	7160	
K274168		<20	<0.01	<10	<10	21	<10	543	
K274169		<20	<0.01	<10	<10	17	<10	538	
K274170		<20	<0.01	<10	<10	18	<10	675	
K274171		<20	<0.01	<10	<10	12	<10	774	
K274172		<20	<0.01	<10	<10	20	<10	609	

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VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126588

Project: Klaza TR- 28

P.O. No.: Batch 7

This report is for 22 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11126588

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274116		2.23	<0.005	0.3	0.96	18	<10	240	0.6	<2	0.96	<0.5	6	7	6	2.76
K274117		4.46	<0.005	0.2	1.24	33	<10	190	0.7	<2	1.31	<0.5	6	6	5	2.87
K274118		3.61	0.008	0.7	0.67	41	<10	730	0.8	2	2.08	<0.5	6	4	35	3.14
K274119		4.64	0.013	1.2	0.63	54	<10	710	0.7	2	1.30	<0.5	8	3	10	2.96
K274120		2.38	0.013	0.3	0.63	37	<10	650	0.6	2	1.44	<0.5	7	5	21	3.18
K274121		0.13	1.555	32.6	4.95	136	<10	40	<0.5	13	4.33	31.0	85	55	6930	8.08
K274122		2.89	<0.005	0.5	0.90	18	<10	400	0.6	2	1.21	<0.5	5	6	24	2.82
K274123		2.60	0.012	0.3	0.59	28	<10	350	0.8	3	1.21	<0.5	4	4	9	2.97
K274124		3.02	0.034	0.9	0.65	42	<10	980	0.9	2	1.24	<0.5	5	4	23	3.14
K274125		2.82	0.005	0.4	1.03	16	<10	220	0.6	2	0.40	<0.5	6	6	12	2.88
K274126		2.60	0.060	3.8	0.58	230	<10	630	0.7	4	0.59	2.3	8	3	77	3.46
K274127		3.73	0.045	7.0	0.68	158	<10	940	0.9	4	0.34	1.5	13	5	256	3.59
K274128		3.19	0.015	0.9	0.67	35	<10	420	0.7	3	0.37	<0.5	6	5	47	3.02
K274129		4.05	<0.005	0.4	1.04	9	<10	280	0.6	2	0.76	<0.5	5	8	8	2.92
K274130		3.05	0.017	0.9	0.64	51	<10	790	0.8	2	0.40	0.7	7	5	14	2.89
K274131		2.85	<0.005	0.4	0.82	13	<10	260	0.7	2	0.22	<0.5	4	7	10	2.61
K274132		1.02	<0.005	0.2	0.03	2	<10	10	<0.5	<2	19.7	<0.5	2	<1	2	0.45
K274133		2.79	0.008	0.6	0.71	36	<10	1120	0.8	2	0.50	<0.5	6	6	9	3.14
K274134		2.08	<0.005	0.4	1.32	11	<10	240	0.6	3	0.41	<0.5	6	8	7	2.91
K274135		3.55	0.006	0.4	0.99	15	<10	410	0.7	3	0.29	<0.5	5	7	14	2.94
K274136		0.12	1.475	32.6	5.04	140	<10	50	<0.5	11	4.71	31.7	80	56	7110	8.19
K274021		3.14	0.156	9.6	0.64	356	<10	1060	0.7	3	0.27	6.4	3	4	59	3.30

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VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11126588

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274116		<10	<1	0.17	20	0.36	528	1	0.06	5	570	12	0.01	2	8	40
K274117		<10	<1	0.16	30	0.38	541	1	0.02	2	630	19	<0.01	2	8	43
K274118		<10	1	0.26	30	0.12	1245	1	0.02	2	570	17	0.11	10	6	33
K274119		<10	<1	0.29	20	0.07	1590	1	0.02	2	600	11	0.09	3	3	32
K274120		<10	<1	0.29	20	0.11	1285	1	0.04	3	550	20	0.20	<2	3	40
K274121		10	<1	0.23	10	1.12	602	46	0.34	299	660	8020	7.09	26	4	81
K274122		<10	<1	0.19	30	0.27	694	1	0.03	2	600	10	0.01	3	6	43
K274123		<10	<1	0.29	20	0.06	1900	1	<0.01	1	520	10	0.08	<2	5	19
K274124		<10	<1	0.31	20	0.09	2220	1	0.02	2	550	25	0.20	5	5	26
K274125		<10	<1	0.19	20	0.30	785	1	0.02	2	620	11	0.03	2	7	15
K274126		<10	<1	0.35	20	0.05	2340	7	0.01	3	520	153	0.44	25	3	19
K274127		<10	1	0.36	30	0.05	2650	2	0.01	2	520	163	0.31	27	4	22
K274128		<10	<1	0.22	30	0.12	1205	1	0.02	3	580	39	0.06	7	6	17
K274129		<10	<1	0.17	30	0.38	744	1	0.03	2	610	21	0.03	2	8	27
K274130		<10	1	0.19	30	0.08	978	1	0.02	3	570	51	0.08	3	7	17
K274131		<10	<1	0.15	20	0.16	573	2	0.02	2	500	14	0.02	3	7	13
K274132		<10	<1	0.01	<10	12.45	195	<1	0.01	<1	190	2	0.03	<2	<1	51
K274133		<10	1	0.22	30	0.13	1315	2	0.03	2	590	23	0.05	2	6	24
K274134		<10	<1	0.17	30	0.40	692	1	0.01	2	630	14	0.02	<2	8	13
K274135		<10	1	0.19	30	0.24	700	1	0.02	2	600	17	0.02	2	7	16
K274136		10	1	0.24	<10	1.19	615	43	0.34	311	650	8250	7.01	24	4	79
K274021		<10	<1	0.36	20	0.05	3950	3	0.01	4	540	817	0.26	13	4	34

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Finalized Date: 4- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 28

CERTIFICATE OF ANALYSIS WH11126588

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K274116		<20	0.01	<10	<10	43	<10	42	<1
K274117		20	0.01	<10	<10	42	<10	39	<1
K274118		<20	<0.01	<10	<10	27	<10	57	<1
K274119		<20	<0.01	<10	<10	14	<10	48	1
K274120		<20	<0.01	<10	<10	20	<10	67	<1
K274121		<20	0.05	<10	<10	310	10	7390	31
K274122		<20	0.01	<10	<10	35	<10	44	<1
K274123		<20	<0.01	<10	<10	24	<10	59	<1
K274124		<20	<0.01	<10	<10	21	<10	65	<1
K274125		<20	0.01	<10	<10	41	<10	48	<1
K274126		<20	<0.01	<10	<10	11	<10	311	3
K274127		<20	<0.01	<10	<10	13	<10	205	6
K274128		<20	<0.01	<10	<10	29	<10	73	<1
K274129		20	0.01	<10	<10	43	<10	51	<1
K274130		<20	<0.01	<10	<10	31	<10	86	<1
K274131		20	0.01	<10	<10	35	<10	54	<1
K274132		<20	<0.01	<10	<10	<1	<10	17	<1
K274133		20	0.01	<10	<10	33	<10	65	<1
K274134		20	0.01	<10	<10	45	<10	58	<1
K274135		20	<0.01	<10	<10	38	<10	57	<1
K274136		<20	0.06	<10	<10	313	<10	7470	28
K274021		<20	<0.01	<10	<10	16	<10	1000	8

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Finalized Date: 31- JUL- 2011
Account: ROCKHA

CERTIFICATE WH11126589

Project: Klaza TR - 28

P.O. No.: BATCH 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31- JUL- 2011
Account: ROCKHA

Project: Klaza TR - 28

CERTIFICATE OF ANALYSIS WH11126589

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274080		4.06	<0.005	0.9	0.92	12	<10	280	0.6	<2	1.12	1.0	6	5	23	2.76
K274081		3.47	0.005	0.6	0.86	22	<10	340	0.5	<2	1.78	<0.5	5	6	14	2.79
K274082		2.91	<0.005	0.4	0.95	12	<10	180	0.6	<2	1.26	<0.5	5	5	11	2.70
K274083		4.11	0.035	2.2	0.74	174	<10	730	0.8	<2	1.56	3.5	11	5	17	3.27
K274084		3.55	0.183	5.6	0.61	190	<10	380	1.0	<2	0.33	8.3	7	4	48	2.80
K274085		2.82	0.033	2.5	0.69	141	<10	610	0.9	<2	0.72	3.0	6	4	20	3.01
K274086		2.55	0.007	1.6	0.76	57	<10	740	0.8	<2	2.14	1.3	5	4	16	3.00
K274087		2.59	0.013	2.5	0.73	67	<10	1340	1.1	<2	1.56	6.0	7	3	27	3.17
K274088		3.80	0.013	1.5	1.03	34	<10	390	1.1	<2	1.01	1.9	7	5	23	2.91
K274089		5.23	0.006	0.5	0.80	13	<10	980	1.0	<2	2.13	0.6	5	7	11	2.09
K274090		2.66	<0.005	0.4	0.68	9	<10	510	1.0	<2	3.06	<0.5	5	7	4	1.65
K274091		0.09	1.620	32.8	4.73	133	<10	50	<0.5	7	4.32	30.1	83	53	6780	7.91
K274092		3.23	<0.005	0.2	0.68	9	<10	1070	1.2	<2	3.04	<0.5	5	7	20	1.84
K274093		4.56	<0.005	0.6	0.70	13	<10	1440	1.2	<2	2.52	<0.5	5	8	14	1.94
K274094		3.73	<0.005	0.5	0.68	19	<10	450	1.1	<2	1.17	<0.5	6	10	17	1.91
K274095		3.56	0.014	1.9	0.69	23	<10	810	1.1	<2	1.33	2.6	5	3	51	1.55
K274096		2.96	0.006	12.3	0.76	20	<10	2350	1.2	<2	1.50	11.5	5	3	26	2.77
K274097		3.18	<0.005	0.3	1.02	14	<10	1590	1.3	<2	0.94	<0.5	5	5	10	2.52
K274098		1.77	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	18.9	<0.5	1	1	1	0.45
K274099		3.22	<0.005	0.7	0.83	8	<10	130	0.8	<2	1.07	<0.5	5	7	31	2.22
K274100		3.49	<0.005	<0.2	0.75	4	<10	400	1.1	<2	1.94	<0.5	4	5	5	2.00
K274101		3.04	<0.005	0.4	0.78	5	<10	420	0.9	<2	3.01	<0.5	5	6	10	2.11
K274102		3.97	<0.005	<0.2	0.76	5	<10	3120	0.8	<2	1.99	<0.5	4	5	2	1.82
K274103		2.29	<0.005	<0.2	0.74	6	<10	1870	0.8	<2	2.04	<0.5	4	6	1	2.03
K274104		2.84	<0.005	<0.2	0.72	4	<10	560	0.9	<2	2.18	<0.5	4	6	1	2.02
K274105		3.04	<0.005	0.2	0.77	4	<10	3240	0.7	<2	1.04	<0.5	4	6	7	2.08
K274106		3.04	<0.005	0.5	0.77	38	<10	2780	1.1	<2	1.07	<0.5	6	4	18	1.80
K274107		4.69	<0.005	0.4	0.65	21	<10	1280	1.0	<2	0.95	<0.5	6	2	33	2.82
K274108		3.31	<0.005	0.3	0.67	16	<10	910	1.0	<2	1.63	<0.5	5	4	7	3.10
K274109		3.31	0.360	8.4	0.45	549	<10	490	0.7	3	0.56	4.3	4	2	148	3.99
K274110		2.40	0.009	0.3	0.73	15	<10	1070	0.7	<2	1.20	<0.5	6	5	51	3.63
K274111		2.57	<0.005	0.4	0.67	24	<10	1020	0.8	<2	1.35	<0.5	6	4	10	3.11
K274112		3.64	0.006	0.5	0.59	36	<10	1590	0.9	<2	2.91	<0.5	7	3	7	3.30
K274113		3.09	<0.005	0.3	0.70	9	<10	750	0.7	<2	0.35	<0.5	6	4	8	3.18
K274114		2.67	0.011	4.1	0.57	72	<10	1510	1.0	3	0.98	0.5	7	4	120	3.42
K274115		3.07	0.006	1.4	1.13	25	<10	380	0.7	<2	0.85	<0.5	7	6	56	3.00

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2011
Account: ROCKHA

Project: Klaza TR - 28

CERTIFICATE OF ANALYSIS WH11126589

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274080		<10	<1	0.17	20	0.31	1365	1	0.02	1	570	40	0.03	5	7	34
K274081		<10	<1	0.22	20	0.37	1195	2	0.05	2	580	16	0.06	2	5	49
K274082		<10	1	0.16	30	0.39	749	1	0.03	1	580	15	<0.01	3	7	43
K274083		<10	<1	0.30	20	0.10	1650	2	0.03	2	530	141	0.18	7	6	49
K274084		<10	<1	0.26	20	0.06	1710	2	0.01	6	430	541	0.21	12	5	33
K274085		<10	<1	0.26	20	0.08	1400	2	0.01	5	550	255	0.29	8	6	43
K274086		<10	<1	0.25	20	0.12	1230	1	0.03	1	570	81	0.03	4	6	105
K274087		<10	1	0.30	20	0.12	1765	2	0.03	2	530	325	0.14	8	6	71
K274088		<10	1	0.30	20	0.18	837	1	0.02	5	610	113	0.03	5	8	54
K274089		<10	<1	0.31	20	0.30	677	1	0.02	5	520	46	0.02	3	7	127
K274090		<10	1	0.28	10	0.40	483	1	0.01	9	450	26	<0.01	3	5	198
K274091		<10	1	0.23	10	1.09	582	44	0.32	296	630	7720	6.87	25	4	81
K274092		<10	<1	0.29	10	0.50	559	1	0.02	7	620	30	0.03	<2	5	207
K274093		<10	1	0.28	10	0.36	587	1	0.03	9	580	29	0.04	3	6	107
K274094		<10	<1	0.27	20	0.13	621	2	0.01	11	580	40	0.01	3	5	51
K274095		<10	1	0.32	20	0.10	987	2	0.02	7	490	239	0.02	4	4	58
K274096		<10	1	0.33	30	0.11	1620	2	0.04	3	600	214	0.09	4	8	104
K274097		<10	1	0.35	10	0.18	656	<1	0.02	4	1130	19	0.04	2	5	71
K274098		<10	<1	0.01	<10	11.90	201	<1	0.01	1	160	<2	0.01	<2	<1	54
K274099		<10	<1	0.19	10	0.15	451	7	0.01	4	790	30	0.01	2	4	61
K274100		<10	<1	0.26	10	0.15	445	1	0.01	2	840	24	0.01	3	4	75
K274101		<10	<1	0.22	20	0.24	510	1	0.02	2	790	21	0.01	4	4	234
K274102		<10	<1	0.24	10	0.13	400	1	0.04	2	780	15	0.08	2	4	85
K274103		<10	<1	0.25	20	0.20	450	1	0.03	3	830	14	0.05	2	4	101
K274104		<10	<1	0.26	20	0.30	458	1	0.01	2	840	15	0.01	2	4	109
K274105		<10	<1	0.20	10	0.11	506	1	0.04	2	820	15	0.08	3	4	77
K274106		<10	1	0.28	10	0.10	499	1	0.04	3	680	17	0.11	4	4	70
K274107		<10	<1	0.26	20	0.08	909	2	0.02	1	580	19	0.07	4	8	41
K274108		<10	<1	0.27	30	0.09	1600	2	0.02	2	580	34	0.08	<2	9	35
K274109		<10	1	0.32	20	0.07	2950	2	0.01	1	510	1030	0.63	27	4	27
K274110		<10	<1	0.24	20	0.13	1005	2	0.03	2	610	15	0.08	6	6	26
K274111		<10	2	0.24	20	0.11	1260	2	0.02	2	590	17	0.05	<2	7	26
K274112		<10	1	0.27	30	0.12	2200	2	0.03	1	610	20	0.10	<2	6	47
K274113		<10	<1	0.17	20	0.06	819	2	0.03	1	570	21	0.06	<2	6	16
K274114		<10	1	0.27	30	0.08	2300	2	0.03	2	580	784	0.12	28	6	25
K274115		<10	<1	0.19	30	0.41	833	1	0.03	2	620	88	0.05	12	6	24

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2011
Account: ROCKHA

Project: Klaza TR - 28

CERTIFICATE OF ANALYSIS WH11126589

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K274080		<20	<0.01	<10	<10	36	<10	98	<1
K274081		<20	0.01	<10	<10	35	<10	68	1
K274082		<20	<0.01	<10	<10	39	<10	88	<1
K274083		<20	<0.01	<10	<10	28	<10	302	2
K274084		<20	<0.01	<10	<10	20	<10	1000	5
K274085		<20	<0.01	<10	<10	25	<10	428	3
K274086		<20	<0.01	<10	<10	32	<10	164	1
K274087		<20	<0.01	<10	<10	22	<10	619	2
K274088		<20	<0.01	<10	<10	37	<10	230	2
K274089		<20	<0.01	<10	<10	35	<10	92	1
K274090		<20	<0.01	<10	<10	28	<10	57	<1
K274091		<20	0.05	<10	<10	297	<10	7000	31
K274092		<20	<0.01	<10	<10	31	<10	68	<1
K274093		<20	<0.01	<10	<10	29	<10	72	<1
K274094		<20	<0.01	<10	<10	23	<10	64	1
K274095		<20	<0.01	<10	<10	14	<10	313	2
K274096		<20	<0.01	<10	<10	23	<10	735	12
K274097		<20	<0.01	<10	<10	27	<10	96	<1
K274098		<20	<0.01	<10	<10	1	<10	18	1
K274099		<20	0.01	<10	<10	32	<10	78	1
K274100		<20	<0.01	<10	<10	32	<10	78	<1
K274101		<20	0.01	<10	<10	31	<10	79	1
K274102		<20	<0.01	<10	<10	31	<10	70	<1
K274103		<20	<0.01	<10	<10	33	<10	73	<1
K274104		<20	<0.01	<10	<10	33	<10	70	<1
K274105		<20	<0.01	<10	<10	30	<10	81	<1
K274106		<20	<0.01	<10	<10	19	<10	53	1
K274107		<20	<0.01	<10	<10	25	<10	66	1
K274108		<20	<0.01	<10	<10	39	<10	92	1
K274109		<20	<0.01	<10	<10	14	<10	591	8
K274110		<20	<0.01	<10	<10	36	10	82	1
K274111		<20	<0.01	<10	<10	31	<10	82	1
K274112		<20	<0.01	<10	<10	25	<10	80	1
K274113		<20	<0.01	<10	<10	35	<10	72	1
K274114		<20	<0.01	<10	<10	24	<10	76	4
K274115		<20	0.01	<10	<10	37	<10	54	2

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126877

Project: Klaza DDH- 14

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- AUG- 2011
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Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11126877

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K271265		7.58	0.023		1.2	0.44	65	<10	210	0.7	<2	2.57	2.6	6	2	14
K271266		1.18	0.622		72.1	0.28	1935	<10	20	<0.5	<2	2.23	62.2	5	1	95
K271267		5.46	0.187		17.8	0.49	1485	<10	330	0.6	<2	1.80	32.4	5	4	26
K271268		8.74	<0.005		0.4	1.11	15	<10	220	0.5	<2	1.69	<0.5	6	7	14
K271269		5.82	<0.005		<0.2	0.77	10	<10	160	0.6	<2	1.72	<0.5	6	5	12
K271270		1.50	0.057		3.4	0.46	160	<10	90	0.6	<2	1.83	5.3	9	3	52
K271271		2.24	<0.005		<0.2	0.03	<2	<10	<10	<0.5	<2	20.2	<0.5	1	<1	2
K271272		4.40	<0.005		<0.2	1.03	9	<10	160	0.7	2	1.79	<0.5	5	5	33
K271273		6.94	<0.005		<0.2	0.94	10	<10	220	<0.5	<2	1.69	<0.5	7	8	13
K271274		3.02	0.017		1.1	0.48	101	<10	270	0.7	<2	2.91	3.4	7	3	8
K271275		7.86	<0.005		<0.2	0.87	12	<10	300	<0.5	<2	1.57	<0.5	6	7	9
K271276		13.08	<0.005		<0.2	1.01	8	<10	170	<0.5	<2	1.20	<0.5	6	8	11
K271277		0.20	1.340		32.5	4.73	145	<10	40	<0.5	10	4.70	32.7	86	56	6780
K271278		12.70	0.025		0.4	1.00	15	<10	510	<0.5	<2	1.70	0.6	6	8	13
K271279		10.50	0.014		0.3	0.97	32	<10	360	<0.5	<2	1.74	1.0	8	8	8
K271280		11.34	<0.005		<0.2	1.04	6	<10	730	<0.5	<2	1.66	<0.5	9	8	6
K271281		8.64	<0.005		<0.2	1.09	5	<10	150	<0.5	<2	1.59	<0.5	6	9	12
K271282		5.16	0.026		0.5	0.79	38	<10	290	0.6	<2	2.05	0.7	6	5	6
K271283		2.38	0.019		0.3	0.76	34	<10	420	0.6	<2	2.03	0.7	7	6	10
K271284		10.18	<0.005		<0.2	1.00	6	<10	110	<0.5	<2	1.56	<0.5	6	9	20
K271285		8.50	0.007		0.2	1.14	6	<10	180	<0.5	<2	1.29	<0.5	6	9	10
K271286		7.28	0.009		0.8	0.61	18	<10	450	0.6	<2	1.69	1.8	6	4	10
K271287		3.24	6.16		37.5	0.31	652	<10	30	<0.5	32	0.47	17.4	12	2	1010
K271288		1.16	>10.0	12.65	70.5	0.41	>10000	<10	10	0.7	15	1.59	169.0	7	2	648
K271289		2.98	0.006		<0.2	0.04	19	<10	10	<0.5	<2	21.4	<0.5	<1	1	1
K271290		1.40	0.309		8.7	0.26	180	<10	<10	<0.5	5	0.62	14.5	9	1	43
K271291		11.50	<0.005		0.8	0.49	8	<10	800	0.8	<2	3.00	<0.5	5	3	12
K271292		4.22	<0.005		0.7	0.45	4	<10	1130	0.7	<2	3.22	<0.5	4	2	4
K271293		8.96	<0.005		0.7	0.45	3	<10	860	0.7	<2	2.90	<0.5	4	2	5
K271294		0.28	3.35		>100	0.17	>10000	<10	<10	<0.5	<2	0.40	323	2	8	1485
K271295		4.00	0.150		4.8	0.44	220	<10	20	0.5	3	1.99	9.6	16	2	26
K271296		7.10	0.021		0.9	0.44	106	<10	510	0.7	<2	3.24	<0.5	7	1	9
K271297		9.90	0.017		0.6	0.43	13	<10	450	0.8	<2	3.03	<0.5	6	2	5
K271298		4.68	0.021		0.7	0.42	28	<10	800	0.7	<2	2.71	0.5	6	2	7
K271299		4.50	0.269		3.3	0.42	110	<10	360	0.6	<2	2.00	6.3	7	2	20
K271300		3.28	<0.005		0.6	0.56	5	<10	870	0.8	<2	3.00	<0.5	6	6	6

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11126877

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K271265		2.61	<10	<1	0.23	10	0.77	2920	4	0.01	<1	520	111	0.91	6	5
K271266		2.88	<10	<1	0.16	<10	0.62	2630	22	0.01	<1	190	>10000	2.55	61	2
K271267		2.81	<10	<1	0.16	30	0.59	1340	<1	0.01	1	550	3860	0.65	22	7
K271268		3.00	<10	<1	0.15	20	0.60	506	<1	0.05	1	660	75	0.06	2	7
K271269		2.60	<10	<1	0.12	30	0.47	652	<1	0.02	<1	620	21	0.12	3	8
K271270		3.33	<10	<1	0.33	10	0.52	2060	1	0.02	<1	490	273	2.39	11	3
K271271		0.45	<10	<1	0.01	<10	12.75	213	<1	0.02	<1	180	2	0.02	<2	<1
K271272		2.80	<10	<1	0.20	20	0.60	576	1	0.03	<1	590	11	0.07	4	7
K271273		2.54	<10	<1	0.17	20	0.70	596	1	0.06	<1	540	7	0.14	<2	5
K271274		2.80	<10	<1	0.24	20	0.55	1360	1	0.02	<1	560	166	1.26	4	5
K271275		2.49	<10	<1	0.13	20	0.65	423	<1	0.06	<1	570	9	0.16	<2	5
K271276		2.47	10	<1	0.10	20	0.68	373	1	0.05	<1	570	9	0.08	<2	4
K271277		8.34	10	1	0.24	<10	1.18	620	48	0.35	314	660	8200	7.12	29	4
K271278		2.88	<10	<1	0.16	20	0.73	730	<1	0.05	<1	570	46	0.59	<2	5
K271279		2.80	<10	<1	0.15	20	0.69	561	1	0.06	<1	580	99	0.45	<2	5
K271280		2.82	<10	<1	0.16	20	0.68	463	1	0.08	<1	570	8	0.33	<2	6
K271281		2.74	10	<1	0.15	20	0.71	454	<1	0.08	<1	600	9	0.09	<2	6
K271282		2.95	<10	<1	0.23	30	0.56	1340	1	0.02	<1	610	35	0.52	<2	7
K271283		2.84	<10	<1	0.24	30	0.53	1165	1	0.03	<1	600	37	0.48	<2	7
K271284		2.63	<10	<1	0.14	20	0.60	413	1	0.06	<1	590	7	0.22	<2	6
K271285		2.55	10	<1	0.16	20	0.67	355	<1	0.08	1	550	10	0.28	<2	4
K271286		2.64	<10	<1	0.20	20	0.56	851	<1	0.02	1	630	103	0.41	<2	6
K271287		7.01	<10	1	0.29	<10	0.12	299	<1	0.01	<1	450	1195	8.15	74	1
K271288		6.25	<10	1	0.24	10	0.44	743	13	0.01	2	380	9080	6.21	157	2
K271289		0.41	<10	1	0.02	<10	12.45	192	<1	0.03	<1	250	8	0.03	<2	<1
K271290		6.61	<10	<1	0.23	<10	0.14	192	3	0.01	1	440	921	7.62	9	1
K271291		2.02	<10	<1	0.24	10	0.74	493	<1	0.03	2	880	22	0.03	<2	3
K271292		1.74	<10	<1	0.26	10	0.66	451	<1	0.03	1	850	23	0.03	<2	3
K271293		1.84	<10	<1	0.24	10	0.68	446	<1	0.03	1	860	21	0.03	<2	3
K271294		13.45	<10	1	0.07	<10	0.17	1450	<1	0.01	11	130	>10000	>10.0	554	1
K271295		4.19	<10	<1	0.28	10	0.67	2080	23	0.02	3	620	541	3.57	9	3
K271296		2.37	<10	<1	0.26	10	0.96	759	<1	0.02	1	650	35	0.35	<2	3
K271297		2.05	<10	<1	0.26	10	0.88	540	<1	0.02	2	660	36	0.24	<2	3
K271298		2.14	<10	<1	0.25	10	0.84	702	<1	0.02	2	530	33	0.19	<2	3
K271299		2.89	<10	<1	0.22	20	0.64	1035	<1	0.02	1	550	439	0.83	<2	5
K271300		2.33	<10	<1	0.23	10	0.92	527	<1	0.03	4	1100	9	0.03	<2	4

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Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11126877

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K271265		84	<20	<0.01	<10	<10	14	<10	200	<1		
K271266		61	<20	<0.01	<10	10	6	<10	3810	65	2.09	
K271267		72	<20	<0.01	<10	<10	29	<10	2230	16		
K271268		84	<20	0.02	<10	<10	44	<10	53	2		
K271269		82	<20	0.01	<10	<10	37	<10	42	<1		
K271270		59	<20	<0.01	<10	10	10	<10	555	2		
K271271		47	<20	<0.01	<10	<10	<1	<10	18	<1		
K271272		93	<20	0.01	<10	<10	38	<10	40	<1		
K271273		74	20	0.02	<10	<10	40	<10	35	<1		
K271274		105	<20	<0.01	<10	<10	21	<10	337	1		
K271275		68	<20	0.04	<10	<10	43	<10	28	2		
K271276		54	<20	0.07	<10	<10	50	<10	28	<1		
K271277		70	<20	0.05	<10	<10	314	<10	7600	32		
K271278		76	<20	0.03	<10	<10	47	<10	104	<1		
K271279		69	<20	0.03	<10	<10	45	<10	160	2		
K271280		90	<20	0.03	<10	<10	48	<10	33	<1		
K271281		72	<20	0.06	<10	<10	52	<10	33	<1		
K271282		91	<20	0.01	<10	<10	35	<10	77	1		
K271283		90	<20	0.01	<10	<10	35	<10	72	1		
K271284		81	<20	0.03	<10	<10	44	<10	33	1		
K271285		63	20	0.08	<10	<10	49	<10	31	<1		
K271286		105	<20	<0.01	<10	<10	31	<10	155	1		
K271287		22	<20	<0.01	<10	<10	4	<10	1435	36		
K271288		75	<20	<0.01	<10	10	8	<10	>10000	68		1.080
K271289		60	<20	<0.01	<10	10	2	<10	23	1		
K271290		20	<20	<0.01	<10	<10	4	<10	961	8		
K271291		360	<20	<0.01	<10	<10	21	<10	106	1		
K271292		372	<20	<0.01	<10	<10	19	<10	118	<1		
K271293		322	<20	<0.01	<10	<10	18	<10	119	1		
K271294		19	<20	<0.01	<10	<10	7	150	>10000	416	3.23	3.58
K271295		99	<20	<0.01	<10	<10	11	<10	703	6		
K271296		221	<20	<0.01	<10	<10	16	<10	70	1		
K271297		213	<20	<0.01	<10	<10	26	<10	49	<1		
K271298		185	<20	<0.01	<10	<10	23	<10	78	1		
K271299		142	<20	<0.01	<10	<10	20	<10	433	3		
K271300		364	<20	0.01	<10	<10	27	<10	59	<1		

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Finalized Date: 11- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126878

Project: Klaza- DDH- 16

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11126878

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K271705		8.20	0.289		4.7	0.44	394	<10	590	0.8	<2	2.76	16.9	6	4	27
K271706		7.04	1.045		17.5	0.99	1200	<10	140	0.8	3	2.22	42.5	5	6	105
K271707		2.48	<0.005		<0.2	0.03	3	<10	30	<0.5	<2	19.7	<0.5	1	1	5
K271708		8.90	0.058		1.2	0.98	29	<10	290	0.7	<2	1.91	3.8	3	6	13
K271709		8.96	0.006		<0.2	0.54	74	<10	320	0.7	<2	1.62	0.6	5	5	6
K271710		8.52	0.010		<0.2	0.52	20	<10	500	0.6	<2	1.47	0.5	5	5	8
K271711		6.66	<0.005		<0.2	0.48	23	<10	960	0.8	<2	1.50	0.5	6	5	9
K271712		10.12	<0.005		<0.2	1.04	6	<10	130	<0.5	<2	1.33	<0.5	5	9	10
K271713		8.26	0.009		<0.2	0.94	13	<10	210	0.5	<2	1.71	0.6	5	8	5
K271714		9.92	<0.005		<0.2	0.49	<2	<10	1000	0.7	<2	1.77	0.6	4	5	2
K271715		7.06	0.005		0.3	0.63	5	<10	1490	0.8	<2	2.67	0.6	5	5	10
K271716		7.60	0.671		5.6	0.82	586	<10	530	0.8	2	2.23	10.4	6	6	34
K271717		0.20	1.815		31.2	4.94	144	<10	40	<0.5	16	4.49	33.0	85	56	7090
K271718		4.54	0.048		1.3	0.50	65	<10	700	0.7	<2	2.61	2.2	6	4	35
K271719		6.84	0.818		16.4	0.46	1520	<10	30	0.7	3	1.78	30.6	7	3	83
K271720		11.64	0.005		0.3	1.00	26	<10	460	0.8	<2	2.65	0.7	7	7	10
K271721		5.56	0.015		1.3	0.71	94	<10	410	0.7	<2	2.51	6.0	6	7	29
K271722		6.76	0.279		9.8	0.41	1060	<10	80	0.6	<2	1.83	21.2	6	5	57
K271723		7.28	>10.0	11.70	97.1	0.42	8910	<10	30	0.6	10	2.16	142.5	7	7	450
K271724		5.64	>10.0	9.22	>100	0.37	>10000	<10	20	<0.5	32	1.74	381	10	5	3500
K271725		2.48	0.018		0.6	0.02	11	<10	30	<0.5	<2	19.6	0.7	1	1	10
K271726		3.52	0.457		7.6	0.71	1190	<10	930	0.9	<2	2.56	5.6	7	7	40
K271727		8.74	1.945		21.8	0.96	9480	<10	40	0.8	2	2.86	13.4	5	6	400
K271728		6.88	0.016		0.5	0.71	154	<10	530	0.7	<2	2.27	0.6	5	5	12
K271729		10.94	0.028		0.8	0.54	103	<10	420	0.7	2	2.05	0.8	5	5	11
K271730		8.28	0.007		0.2	0.49	19	<10	750	0.9	<2	2.88	0.6	5	7	5
K271731		9.34	0.078		16.1	0.54	224	<10	70	0.8	4	2.44	34.1	7	5	14
K271732		7.20	0.010		0.2	0.57	75	<10	700	0.7	<2	3.21	0.5	6	5	5
K271733		3.64	0.011		0.2	0.49	96	<10	560	0.7	<2	2.93	<0.5	7	5	6
K271734		3.36	0.010		<0.2	0.50	36	<10	450	0.7	2	2.70	0.8	8	5	6
K271735		5.84	<0.005		<0.2	0.68	5	<10	340	0.6	<2	1.36	0.5	7	7	19
K271736		0.28	3.40		>100	0.18	>10000	<10	20	<0.5	5	0.43	330	3	9	1610
K271737		5.66	0.031		1.4	0.45	93	<10	250	0.8	<2	2.83	0.8	7	5	13
K271738		6.54	0.602		28.4	0.40	1190	<10	40	0.5	3	2.28	65.7	8	3	55
K271739		10.68	0.028		3.1	0.61	98	<10	200	0.6	3	1.96	12.3	14	6	22
K271740		11.04	0.030		1.0	0.52	98	<10	970	0.7	<2	2.68	8.2	6	5	13

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K271705		2.30	<10	<1	0.24	10	0.80	658	2	0.02	5	660	615	0.43	4	4
K271706		2.97	<10	1	0.24	20	0.49	614	1	0.03	2	560	2380	0.86	16	5
K271707		0.44	<10	<1	0.01	10	12.10	207	<1	0.02	1	190	7	0.03	<2	<1
K271708		2.60	<10	<1	0.20	20	0.60	530	1	0.04	2	580	158	0.40	2	6
K271709		2.90	<10	1	0.18	20	0.54	719	2	0.01	3	590	15	0.48	2	8
K271710		2.58	<10	<1	0.20	20	0.54	691	1	0.01	2	490	10	0.41	3	6
K271711		2.47	<10	<1	0.19	20	0.50	828	1	0.02	2	500	13	0.30	2	7
K271712		2.50	<10	<1	0.14	20	0.67	469	1	0.08	3	570	7	0.05	<2	6
K271713		2.56	<10	1	0.15	20	0.65	572	1	0.05	2	580	13	0.07	<2	7
K271714		1.91	<10	<1	0.23	10	0.69	524	<1	0.02	3	720	13	0.04	<2	4
K271715		2.05	<10	<1	0.23	10	0.68	579	<1	0.03	3	860	26	0.07	3	4
K271716		2.60	<10	1	0.21	30	0.63	717	3	0.02	2	620	484	0.47	9	8
K271717		8.23	10	1	0.24	10	1.16	625	49	0.34	309	670	8040	7.34	27	4
K271718		2.69	<10	1	0.19	20	0.84	1060	3	0.02	3	560	90	0.22	3	7
K271719		3.92	<10	1	0.24	10	0.50	1040	4	0.01	2	490	2030	3.47	29	4
K271720		2.76	<10	<1	0.22	20	0.72	770	1	0.03	2	590	16	0.16	2	7
K271721		2.57	<10	<1	0.23	20	0.65	1380	1	0.02	2	590	115	0.39	5	7
K271722		2.79	<10	1	0.21	20	0.55	1130	1	<0.01	2	460	1205	1.36	20	5
K271723		4.32	<10	2	0.15	10	0.68	698	14	0.01	7	430	5930	3.63	166	4
K271724		11.80	<10	5	0.17	<10	0.41	632	20	0.01	5	240	>10000	>10.0	661	2
K271725		0.46	<10	<1	0.01	<10	11.95	203	<1	0.02	2	160	37	0.04	2	<1
K271726		3.04	<10	<1	0.16	20	1.02	701	<1	0.03	6	1240	526	0.36	12	5
K271727		4.44	<10	1	0.21	20	1.02	896	2	0.03	4	550	920	2.33	66	6
K271728		2.55	<10	<1	0.23	20	0.72	1000	1	0.02	2	570	24	0.29	4	7
K271729		2.48	<10	<1	0.23	20	0.65	1020	5	0.01	2	530	28	0.54	5	7
K271730		2.37	<10	<1	0.21	20	0.95	799	2	0.02	2	550	15	0.35	2	8
K271731		2.74	<10	<1	0.25	20	0.68	1375	1	0.01	2	520	1195	1.10	10	5
K271732		2.49	<10	<1	0.25	20	1.00	1055	2	0.02	3	530	15	0.45	4	7
K271733		2.34	<10	<1	0.23	20	0.91	969	1	0.02	2	520	12	0.54	3	6
K271734		2.61	<10	1	0.25	20	0.88	1100	2	0.01	1	500	31	0.56	3	6
K271735		2.79	<10	1	0.15	30	0.48	786	1	0.01	1	660	7	0.09	2	10
K271736		13.80	<10	1	0.08	<10	0.18	1490	1	0.01	13	140	>10000	>10.0	580	1
K271737		2.61	<10	<1	0.21	20	0.85	1425	1	0.01	2	530	40	0.94	7	7
K271738		3.11	<10	1	0.23	10	0.68	2290	48	0.01	2	370	3510	2.73	65	3
K271739		2.88	<10	<1	0.19	20	0.64	1285	3	0.01	2	560	344	0.88	7	7
K271740		2.54	<10	<1	0.19	20	0.77	1190	1	0.03	2	520	208	0.30	6	8

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 16

CERTIFICATE OF ANALYSIS WH11126878

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K271705		209	<20	<0.01	<10	<10	24	<10	1150	5		
K271706		118	<20	<0.01	<10	<10	27	<10	2620	16		
K271707		54	<20	<0.01	<10	<10	1	<10	33	1		
K271708		77	<20	<0.01	<10	<10	30	<10	265	1		
K271709		74	<20	<0.01	<10	<10	33	<10	55	1		
K271710		70	<20	<0.01	<10	<10	26	<10	46	1		
K271711		80	<20	<0.01	<10	<10	27	<10	45	1		
K271712		66	<20	0.02	<10	<10	44	<10	40	1		
K271713		72	<20	0.01	<10	<10	39	<10	57	<1		
K271714		250	<20	<0.01	<10	<10	25	<10	104	<1		
K271715		279	<20	<0.01	<10	<10	25	<10	86	<1		
K271716		87	<20	<0.01	<10	<10	30	<10	733	4		
K271717		81	<20	0.06	<10	<10	315	<10	7400	28		
K271718		105	<20	<0.01	<10	<10	28	<10	186	<1		
K271719		63	<20	<0.01	<10	<10	10	<10	2210	14		
K271720		119	<20	<0.01	<10	<10	31	<10	58	<1		
K271721		102	<20	<0.01	<10	<10	26	<10	355	<1		
K271722		67	<20	<0.01	<10	<10	16	<10	1590	11		
K271723		80	<20	<0.01	<10	<10	15	<10	9670	94		
K271724		50	<20	<0.01	<10	<10	8	20	>10000	320	2.55	3.64
K271725		52	<20	<0.01	<10	<10	1	<10	70	<1		
K271726		121	<20	<0.01	<10	<10	34	<10	419	7		
K271727		99	<20	<0.01	<10	<10	28	<10	1010	20		
K271728		69	<20	<0.01	<10	<10	26	<10	57	<1		
K271729		62	<20	<0.01	<10	<10	25	<10	68	<1		
K271730		106	<20	<0.01	<10	<10	30	<10	59	<1		
K271731		82	<20	<0.01	<10	<10	17	<10	2060	15		
K271732		81	<20	<0.01	<10	<10	24	<10	54	<1		
K271733		79	<20	<0.01	<10	<10	22	<10	42	<1		
K271734		64	<20	<0.01	<10	<10	21	<10	59	<1		
K271735		42	<20	<0.01	<10	<10	40	<10	41	<1		
K271736		22	<20	<0.01	<10	<10	5	150	>10000	409	3.06	3.49
K271737		85	<20	<0.01	<10	<10	22	<10	57	<1		
K271738		47	<20	<0.01	<10	10	9	<10	4090	26		
K271739		60	<20	<0.01	<10	<10	27	<10	1360	2		
K271740		133	<20	<0.01	<10	<10	31	<10	528	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126879

Project: Klaza TR- 26

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11126879

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274349		3.48	0.712	4.1	0.73	296	<10	560	0.6	2	0.18	14.5	17	6	61	4.51
K274350		4.46	0.313	4.6	0.81	1075	<10	250	0.6	2	0.18	15.5	9	7	67	4.90
K274351		4.20	0.092	2.5	0.79	344	<10	350	0.7	2	0.25	12.0	10	7	43	4.18
K274352		4.74	0.123	5.3	0.70	571	<10	260	0.6	7	0.23	14.3	6	7	203	5.40
K274353		4.50	0.045	1.2	0.67	90	<10	500	0.8	2	0.30	12.7	7	6	56	3.49
K274354		3.58	0.026	0.9	0.69	53	<10	830	0.7	<2	0.24	8.9	7	6	32	3.11
K274355		4.08	0.158	2.0	0.80	227	<10	540	0.9	2	0.23	16.2	7	6	77	4.33
K274356		3.40	1.915	14.2	0.41	362	<10	210	<0.5	9	0.10	4.4	1	2	18	1.65
K274357		4.16	0.023	0.7	0.52	62	<10	300	0.6	<2	0.14	1.5	1	2	37	0.77
K274358		5.36	0.014	0.4	0.54	57	<10	270	1.0	<2	0.12	5.1	3	2	21	0.74
K274359		4.02	0.020	0.4	0.52	47	<10	250	0.9	<2	0.10	4.5	2	2	15	0.63
K274360		3.70	2.69	20.4	0.53	1985	<10	810	1.1	13	0.13	54.1	1	2	261	3.18
K274361		3.94	0.780	7.6	0.61	845	<10	570	1.2	7	0.11	29.1	4	3	195	5.07
K274362		4.94	7.68	29.6	0.35	9640	<10	590	<0.5	12	0.10	152.0	1	3	206	4.18
K274363		2.32	0.057	<0.2	0.03	116	<10	20	<0.5	<2	20.1	1.3	2	<1	4	0.48
K274364		4.74	9.01	8.6	0.39	>10000	<10	850	0.5	3	0.17	32.9	2	3	285	6.94
K274365		3.84	0.626	2.4	0.58	1920	<10	930	1.1	<2	0.24	33.0	7	4	128	3.83
K274366		3.40	0.632	4.3	0.94	1040	<10	480	1.0	4	0.32	22.2	8	6	97	3.54
K274367		3.58	0.047	0.6	1.03	89	<10	380	<0.5	<2	0.36	7.8	8	12	19	2.57
K274368		2.58	0.029	0.4	1.33	95	<10	190	0.6	<2	0.39	8.7	8	7	17	2.78
K274369		2.42	0.119	5.5	1.28	117	<10	300	0.6	<2	0.41	9.8	7	7	42	3.40
K274370		4.34	0.062	1.3	1.17	99	<10	270	0.6	<2	0.36	7.0	7	7	28	3.23
K274371		2.76	0.018	0.3	1.21	53	<10	140	0.5	<2	0.34	5.8	6	7	8	2.75
K274372		2.76	0.419	5.5	0.65	315	<10	360	0.7	4	0.37	56.4	7	4	130	4.77
K274373		3.92	0.026	0.4	0.79	157	<10	190	0.7	<2	0.30	12.4	7	6	18	2.73
K274374		2.02	0.015	<0.2	1.05	35	<10	260	<0.5	<2	0.54	5.6	8	12	10	2.62
K274375		0.22	1.465	32.2	4.76	150	<10	40	<0.5	18	4.53	32.3	88	58	7110	8.30
K274376		4.58	0.092	1.8	1.14	88	<10	420	0.6	<2	0.45	15.6	8	7	32	3.51
K274377		3.72	0.032	0.6	1.19	63	<10	260	0.5	<2	0.43	8.7	7	9	20	3.22
K274378		2.98	0.019	0.3	1.50	50	<10	140	0.6	<2	0.37	6.6	7	8	10	2.76
K274379		2.30	0.025	0.2	1.15	32	<10	280	<0.5	<2	0.43	4.4	7	15	10	2.68
K274380		4.16	0.016	0.4	1.05	101	<10	220	0.6	<2	0.30	11.9	9	5	18	2.85
K274381		3.46	0.017	0.3	1.10	42	<10	200	<0.5	<2	0.42	5.1	7	8	12	2.71
K274382		4.62	0.023	0.5	1.16	124	<10	450	0.8	<2	0.39	12.1	8	6	19	2.60
K274383		2.82	0.006	<0.2	1.16	23	<10	300	<0.5	<2	0.51	5.3	9	8	11	2.73
K274384		4.82	0.021	0.5	1.06	124	<10	420	0.9	<2	0.38	11.4	8	5	18	2.55

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11126879

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274349		<10	<1	0.35	40	0.06	1600	2	<0.01	5	590	1235	0.25	<2	5	13
K274350		<10	<1	0.43	50	0.06	871	1	<0.01	3	590	1385	0.09	6	4	14
K274351		<10	<1	0.35	30	0.08	1605	1	<0.01	5	610	822	0.16	4	5	13
K274352		<10	<1	0.32	30	0.08	1385	3	<0.01	3	620	669	0.04	8	5	13
K274353		<10	<1	0.27	30	0.06	1330	3	<0.01	3	610	203	0.05	3	7	18
K274354		<10	<1	0.23	20	0.06	1130	2	<0.01	3	620	127	0.03	3	8	22
K274355		<10	<1	0.26	20	0.17	1290	2	<0.01	2	590	299	0.09	3	7	29
K274356		<10	<1	0.36	20	0.02	125	2	<0.01	<1	290	1770	0.37	13	2	60
K274357		<10	<1	0.20	<10	0.02	81	1	<0.01	<1	40	89	0.02	<2	2	15
K274358		<10	<1	0.18	10	0.03	1070	2	<0.01	1	30	92	0.01	3	3	16
K274359		<10	<1	0.18	<10	0.02	805	3	<0.01	1	30	64	0.01	3	2	22
K274360		<10	1	0.27	10	0.03	266	3	<0.01	<1	220	2130	0.25	45	3	48
K274361		<10	<1	0.40	40	0.03	1030	5	<0.01	<1	490	1840	0.20	13	4	15
K274362		<10	1	0.27	20	0.02	114	1	<0.01	<1	330	7810	0.26	59	2	64
K274363		<10	<1	0.02	<10	12.30	218	<1	<0.01	1	200	54	0.01	2	<1	51
K274364		<10	<1	0.29	20	0.03	343	9	<0.01	<1	410	1910	0.27	68	3	71
K274365		<10	<1	0.27	20	0.03	1660	3	<0.01	2	610	418	0.06	11	8	25
K274366		<10	<1	0.23	20	0.23	1415	2	<0.01	3	640	722	0.03	7	7	24
K274367		<10	<1	0.17	20	0.53	1080	1	0.03	6	590	124	0.03	<2	5	25
K274368		10	<1	0.13	20	0.59	726	<1	0.01	3	590	57	<0.01	<2	7	20
K274369		<10	<1	0.23	20	0.57	1270	1	0.01	3	650	1260	0.02	2	7	17
K274370		<10	<1	0.22	20	0.56	972	1	0.02	3	630	567	0.03	<2	6	20
K274371		10	<1	0.13	10	0.63	594	<1	0.01	3	610	41	<0.01	<2	6	17
K274372		<10	1	0.34	20	0.07	1670	2	<0.01	2	510	928	0.60	4	4	17
K274373		<10	<1	0.18	20	0.14	787	1	<0.01	2	680	62	0.01	3	8	13
K274374		<10	<1	0.15	20	0.60	676	<1	0.04	5	590	32	0.01	<2	6	30
K274375		10	<1	0.25	<10	1.14	631	47	0.30	314	690	8230	7.05	29	4	75
K274376		10	1	0.27	20	0.49	1545	1	<0.01	3	620	1035	0.11	2	6	17
K274377		<10	<1	0.21	20	0.55	962	1	0.02	5	600	232	0.02	<2	6	22
K274378		10	<1	0.12	20	0.71	715	<1	<0.01	4	620	93	<0.01	<2	7	17
K274379		10	<1	0.17	20	0.57	710	1	0.03	4	650	106	0.01	<2	6	25
K274380		<10	<1	0.20	30	0.30	766	1	0.01	3	650	164	<0.01	<2	7	14
K274381		<10	<1	0.14	20	0.61	556	1	0.04	3	630	69	0.01	<2	6	26
K274382		<10	<1	0.20	30	0.26	738	1	<0.01	3	640	51	0.01	2	8	21
K274383		10	<1	0.14	20	0.58	568	1	0.04	3	630	25	0.03	2	6	36
K274384		<10	<1	0.19	30	0.16	649	1	<0.01	3	670	62	0.01	3	9	17

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Finalized Date: 10- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11126879

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274349		<20	0.01	<10	<10	24	<10	1710
K274350		<20	0.01	<10	<10	27	<10	1360
K274351		<20	0.01	<10	<10	32	<10	1285
K274352		<20	0.01	<10	<10	25	<10	1165
K274353		<20	<0.01	<10	<10	29	<10	995
K274354		<20	<0.01	<10	<10	32	<10	869
K274355		<20	<0.01	<10	<10	32	<10	1270
K274356		<20	<0.01	<10	<10	5	<10	214
K274357		20	<0.01	<10	<10	1	<10	228
K274358		20	<0.01	<10	<10	2	<10	465
K274359		<20	<0.01	<10	<10	2	<10	435
K274360		<20	<0.01	<10	<10	6	<10	1340
K274361		<20	<0.01	<10	<10	10	<10	2950
K274362		<20	<0.01	<10	10	5	<10	1415
K274363		<20	<0.01	<10	20	1	<10	36
K274364		<20	<0.01	<10	10	15	<10	2320
K274365		<20	<0.01	<10	<10	28	<10	2800
K274366		<20	0.01	<10	<10	38	<10	2290
K274367		<20	0.02	<10	<10	44	<10	652
K274368		<20	0.01	<10	<10	46	<10	1095
K274369		<20	<0.01	<10	<10	44	<10	879
K274370		<20	0.01	<10	<10	44	<10	989
K274371		<20	<0.01	<10	<10	46	<10	537
K274372		<20	<0.01	<10	<10	20	<10	4900
K274373		<20	<0.01	<10	<10	39	<10	663
K274374		<20	0.03	<10	<10	49	<10	316
K274375		<20	0.06	<10	<10	319	10	7260
K274376		<20	<0.01	<10	<10	36	<10	913
K274377		<20	0.01	<10	<10	45	<10	620
K274378		<20	<0.01	<10	<10	45	<10	586
K274379		<20	0.02	<10	<10	47	<10	338
K274380		<20	<0.01	<10	<10	32	<10	736
K274381		<20	0.04	<10	<10	52	<10	379
K274382		<20	<0.01	<10	<10	38	<10	764
K274383		<20	0.03	<10	<10	53	<10	410
K274384		20	<0.01	<10	<10	37	<10	689

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11126970

Project: Klaza TR- 26

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11126970

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K274385		5.88	0.028		0.8	1.00	120	<10	360	0.8	2	0.35	11.0	7	6	19
K274386		4.56	0.364		5.4	0.78	435	<10	640	1.0	7	0.26	22.6	6	8	88
K274387		4.08	0.046		0.8	1.33	82	<10	270	0.8	2	0.39	8.3	8	6	21
K274388		5.42	0.017		0.5	1.01	62	<10	220	0.6	2	0.36	4.9	6	7	15
K274389		3.78	0.014		0.8	0.89	50	<10	280	0.6	2	0.30	4.6	6	6	16
K274390		2.66	0.008		0.3	1.76	24	<10	400	0.8	3	0.63	6.8	8	13	11
K274391		3.54	0.009		0.3	1.39	27	<10	400	0.7	2	0.43	5.0	7	9	11
K274392		6.62	<0.005		<0.2	1.28	11	<10	290	<0.5	2	0.51	2.6	7	14	7
K274393		2.52	<0.005		<0.2	0.02	<2	<10	10	<0.5	<2	19.9	<0.5	<1	<1	1
K274394		2.34	0.031		2.2	1.10	27	<10	440	0.8	3	0.33	7.8	7	7	24
K274395		1.92	0.009		1.0	1.25	10	<10	300	<0.5	2	0.33	3.1	7	9	19
K274396		5.78	0.014		0.3	1.02	25	<10	370	0.6	<2	0.36	8.2	8	8	15
K274397		2.20	0.005		<0.2	0.93	14	<10	340	<0.5	2	0.33	3.7	7	7	7
K274398		4.26	0.351		3.6	0.67	275	<10	480	1.0	3	0.25	23.6	8	6	105
K274399		3.30	0.040		2.2	0.91	53	<10	390	0.6	3	0.37	10.3	7	8	42
K274400		4.36	0.073		2.1	0.70	46	<10	1460	0.8	4	0.24	12.9	6	6	50
K274401		4.50	>10.0	23.9	39.7	0.38	2970	<10	500	<0.5	31	0.08	42.4	<1	3	114
K274402		3.08	0.850		17.6	0.52	1195	<10	910	0.5	21	0.13	35.5	2	4	277
K274403		4.42	0.965		12.7	0.81	690	<10	400	0.6	19	0.21	18.0	4	5	241
K274404		3.84	0.456		3.2	0.81	161	<10	410	0.5	6	0.36	9.5	7	7	98
K274405		4.02	0.114		2.4	0.78	175	<10	540	0.6	3	0.26	12.5	8	5	99
K274406		3.90	0.211		1.9	0.74	145	<10	450	0.7	4	0.34	11.5	7	7	55
K274407		5.14	0.089		1.8	0.57	217	<10	760	0.8	2	0.25	22.1	6	6	43
K274408		4.64	0.048		0.9	0.65	84	<10	1030	0.7	3	0.28	16.8	6	6	29
K274409		3.76	0.038		0.6	0.64	51	<10	810	0.7	3	0.23	14.1	5	5	31
K274410		3.02	0.042		0.8	0.88	47	<10	460	0.7	2	0.27	9.9	5	6	25
K274411		3.68	0.038		0.7	0.99	43	<10	370	0.7	<2	0.32	10.9	6	7	24
K274412		4.00	0.022		0.7	0.98	42	<10	380	0.9	2	0.29	9.1	5	6	40
K274413		3.52	0.241		4.6	0.56	231	<10	1090	0.7	7	0.15	21.6	3	4	239
K274414		4.40	0.042		1.7	0.77	91	<10	760	0.8	3	0.24	12.5	5	5	103
K274415		4.08	0.169		2.0	0.46	175	<10	400	<0.5	4	0.14	23.6	3	3	93
K274416		3.90	0.720		17.3	0.53	599	<10	580	0.6	27	0.09	30.1	1	3	374
K274417		2.72	0.166		6.0	0.91	271	<10	370	0.7	11	0.21	17.6	6	6	209
K274418		2.40	0.019		0.7	0.90	27	<10	490	<0.5	3	0.41	7.6	7	10	24
K274419		0.22	1.485		33.4	4.98	146	<10	40	<0.5	7	4.57	32.1	86	56	7170
K274420		3.86	0.110		1.8	0.72	88	<10	470	0.7	3	0.24	15.0	6	7	90

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11126970

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K274385		2.61	<10	1	0.16	30	0.16	700	1	<0.01	4	640	134	<0.01	3	8
K274386		5.19	<10	<1	0.30	40	0.09	2870	5	<0.01	4	600	1315	0.04	5	8
K274387		3.18	<10	<1	0.11	20	0.31	1055	1	<0.01	5	690	200	<0.01	2	7
K274388		2.45	<10	1	0.11	20	0.22	788	1	<0.01	4	700	104	<0.01	<2	6
K274389		2.41	<10	1	0.17	20	0.17	973	2	<0.01	4	650	128	<0.01	2	6
K274390		3.14	10	<1	0.13	20	0.57	924	1	0.02	7	880	33	<0.01	2	6
K274391		2.89	<10	<1	0.12	20	0.46	769	1	0.01	5	760	32	<0.01	3	6
K274392		2.80	10	1	0.12	10	0.72	630	1	0.05	5	670	24	<0.01	<2	5
K274393		0.45	<10	<1	0.01	<10	12.05	204	<1	<0.01	2	170	2	<0.01	<2	<1
K274394		3.49	<10	<1	0.25	30	0.21	1385	2	0.01	5	660	1015	0.01	2	7
K274395		2.82	<10	1	0.16	20	0.57	785	1	0.03	4	620	340	0.01	<2	6
K274396		2.63	<10	<1	0.21	30	0.26	839	2	0.01	5	640	52	0.01	3	7
K274397		2.21	<10	1	0.16	20	0.40	736	1	0.03	4	570	40	0.01	<2	5
K274398		3.58	<10	<1	0.24	30	0.06	2800	3	<0.01	5	600	1090	0.08	6	8
K274399		3.65	<10	1	0.25	20	0.23	1530	2	0.02	4	650	942	0.04	<2	6
K274400		3.57	<10	1	0.28	20	0.05	1385	2	<0.01	3	610	694	0.10	5	8
K274401		3.40	<10	1	0.32	30	0.02	184	3	<0.01	1	250	4210	0.32	40	2
K274402		4.73	<10	1	0.33	20	0.03	311	3	<0.01	1	600	1710	0.19	31	3
K274403		4.58	<10	1	0.25	20	0.12	604	3	<0.01	3	630	995	0.07	40	6
K274404		2.74	<10	1	0.20	20	0.27	839	2	0.03	4	620	265	0.03	7	6
K274405		2.49	<10	<1	0.29	20	0.08	898	5	<0.01	4	650	289	0.04	6	6
K274406		2.59	<10	<1	0.24	20	0.10	670	3	0.01	5	650	359	0.04	4	7
K274407		3.16	<10	1	0.25	30	0.05	1830	2	<0.01	4	640	489	0.03	3	7
K274408		2.86	<10	<1	0.28	30	0.06	1595	2	0.01	4	610	167	0.03	2	7
K274409		2.73	<10	<1	0.22	20	0.04	1270	2	<0.01	5	550	120	0.01	4	7
K274410		2.73	<10	1	0.17	20	0.08	727	2	<0.01	4	600	91	<0.01	2	9
K274411		2.82	<10	1	0.18	20	0.11	1025	1	0.01	4	660	105	<0.01	2	9
K274412		2.85	<10	1	0.20	20	0.10	711	1	<0.01	3	630	72	<0.01	7	8
K274413		4.56	<10	1	0.34	30	0.04	855	5	<0.01	3	470	553	0.28	36	5
K274414		3.48	<10	<1	0.30	20	0.09	1110	2	<0.01	3	640	469	0.23	10	6
K274415		5.22	<10	1	0.38	30	0.03	1530	7	<0.01	2	490	298	0.32	12	4
K274416		6.20	<10	1	0.31	20	0.03	462	12	<0.01	2	470	1005	0.19	91	4
K274417		4.18	<10	1	0.26	20	0.20	1215	5	0.01	3	590	550	0.06	28	6
K274418		2.68	<10	1	0.15	20	0.45	836	1	0.03	5	600	110	0.02	2	6
K274419		8.40	10	<1	0.24	10	1.13	627	49	0.34	319	680	8320	7.02	28	4
K274420		3.12	<10	<1	0.18	20	0.07	1120	4	0.01	5	620	172	0.02	9	8

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11126970

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
K274385		15	<20	<0.01	<10	<10	37	<10	751
K274386		16	<20	<0.01	<10	<10	28	<10	2850
K274387		18	<20	<0.01	<10	<10	39	<10	1070
K274388		14	<20	<0.01	<10	<10	39	<10	672
K274389		12	<20	<0.01	<10	<10	36	<10	726
K274390		40	<20	0.02	<10	<10	49	<10	789
K274391		41	<20	0.01	<10	<10	47	<10	673
K274392		36	<20	0.08	<10	<10	59	<10	244
K274393		51	<20	<0.01	<10	10	2	<10	19
K274394		20	<20	<0.01	<10	<10	36	<10	831
K274395		22	<20	0.02	<10	<10	46	<10	516
K274396		18	<20	<0.01	<10	<10	35	<10	553
K274397		20	<20	0.01	<10	<10	37	<10	249
K274398		17	<20	<0.01	<10	<10	29	<10	1710
K274399		21	<20	0.01	<10	<10	37	<10	1205
K274400		21	<20	<0.01	<10	<10	33	<10	1500
K274401		77	<20	<0.01	<10	<10	6	<10	855
K274402		41	<20	<0.01	<10	<10	13	<10	1575
K274403		20	<20	<0.01	<10	<10	27	<10	1680
K274404		23	<20	0.01	<10	<10	37	<10	954
K274405		16	<20	<0.01	<10	<10	26	<10	1165
K274406		20	<20	0.01	<10	<10	32	<10	1120
K274407		20	<20	<0.01	<10	<10	27	<10	1275
K274408		28	<20	<0.01	<10	<10	31	<10	905
K274409		19	<20	<0.01	<10	<10	38	<10	846
K274410		18	<20	<0.01	<10	<10	45	<10	642
K274411		18	<20	<0.01	<10	<10	47	<10	566
K274412		16	<20	<0.01	<10	<10	40	<10	853
K274413		28	<20	<0.01	<10	<10	13	<10	922
K274414		19	<20	<0.01	<10	<10	26	<10	1260
K274415		22	<20	<0.01	<10	<10	12	<10	1705
K274416		23	<20	<0.01	<10	<10	10	<10	2030
K274417		18	<20	<0.01	<10	<10	31	<10	1675
K274418		24	<20	0.02	<10	<10	43	<10	728
K274419		76	<20	0.05	<10	<10	316	<10	7750
K274420		21	<20	0.01	<10	<10	37	<10	1230

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VANCOUVER BC V6B 1L8

Finalized Date: 9- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11127609

Project: Klaza TR- 26

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11127609

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K273365		3.08	<0.005	0.4	1.10	24	<10	510	0.5	<2	0.34	<0.5	8	7	17	2.94
K274314		3.36	0.046	4.7	0.94	105	<10	790	0.8	7	0.27	25.2	7	6	131	5.63
K274315		3.22	0.008	0.5	0.98	20	<10	430	<0.5	<2	1.26	9.3	6	8	29	2.64
K274316		3.64	0.044	4.2	1.54	75	<10	250	0.6	15	0.38	6.0	7	8	195	3.22
K274317		2.54	0.016	0.7	1.06	29	<10	640	<0.5	3	1.46	7.4	6	7	67	2.24
K274318		4.44	0.021	2.6	0.90	58	<10	1190	0.7	2	0.49	18.0	6	6	145	4.48
K274319		5.04	0.012	0.8	0.93	23	<10	900	<0.5	<2	1.26	8.2	5	7	103	2.46
K274320		4.88	0.022	0.7	0.71	65	<10	760	0.7	2	0.29	7.3	4	6	51	2.54
K274321		4.80	0.022	0.9	0.96	44	<10	370	0.7	<2	0.31	9.3	6	7	40	2.97
K274322		2.52	0.016	0.3	1.02	27	<10	410	<0.5	<2	0.48	4.7	7	10	19	2.42
K274323		3.76	0.021	1.8	0.95	55	<10	290	0.6	2	0.35	5.2	7	9	62	2.72
K274324		3.40	0.024	1.0	0.67	29	<10	390	0.9	<2	0.34	8.6	8	6	21	3.08
K274325		5.08	0.031	0.7	0.57	32	<10	340	0.8	<2	0.30	8.4	7	6	22	3.01
K274326		3.84	0.022	1.1	0.88	34	<10	390	0.8	2	0.35	7.6	7	7	21	3.27
K274327		3.50	0.033	1.1	0.86	44	<10	380	0.7	3	0.34	5.9	10	9	20	3.16
K274328		3.14	0.053	0.9	0.70	71	<10	990	0.9	<2	0.33	6.6	8	5	16	3.40
K274329		3.10	0.168	7.8	0.84	69	<10	1260	0.7	8	0.33	5.8	12	8	26	4.53
K274330		4.00	0.216	3.5	0.77	110	<10	1140	0.6	5	0.32	7.5	15	6	34	5.34
K274331		2.36	<0.005	<0.2	0.02	2	<10	10	<0.5	<2	20.8	<0.5	1	1	2	0.47
K274332		3.84	0.019	0.5	0.81	26	<10	650	0.7	<2	0.60	3.6	7	7	9	3.63
K274333		3.54	0.333	1.8	1.27	36	<10	560	0.8	<2	0.37	4.5	14	6	27	4.57
K274334		4.54	0.016	1.1	1.46	16	<10	440	0.8	<2	0.42	4.1	8	7	13	3.71
K274335		2.92	0.020	0.6	1.08	19	<10	370	0.7	<2	0.40	3.5	8	7	11	3.67
K274336		3.48	0.055	1.3	0.90	26	<10	560	0.7	2	0.54	9.5	12	5	17	3.16
K274337		2.90	0.071	1.6	1.03	57	<10	350	0.7	<2	0.33	7.0	16	8	31	3.59
K274338		3.64	0.238	2.2	0.62	136	<10	270	0.5	2	0.19	6.8	16	4	52	5.15
K274339		3.52	0.383	3.3	0.51	194	<10	1090	<0.5	3	0.10	2.7	8	3	29	3.54
K274340		2.70	0.665	3.5	0.64	106	<10	450	0.6	2	0.22	11.1	19	5	53	3.97
K274341		4.72	0.017	0.5	1.13	18	<10	360	0.7	3	0.40	4.3	7	7	10	2.61
K274342		2.62	0.051	0.7	1.24	19	<10	330	0.8	<2	0.41	5.9	8	7	12	3.09
K274343		2.86	0.018	0.4	1.34	17	<10	330	0.8	<2	0.38	6.9	8	7	9	3.14
K274344		3.56	0.025	0.5	0.93	18	<10	310	0.7	<2	0.33	5.5	8	6	11	3.06
K274345		3.56	0.019	0.5	1.13	22	<10	210	0.5	<2	0.36	4.8	7	8	10	2.94
K274346		3.40	0.042	0.4	0.90	22	<10	570	0.5	2	0.32	3.3	7	9	9	2.49
K274347		3.10	0.023	0.4	0.69	27	<10	850	0.6	<2	0.25	6.9	12	8	10	3.31
K274348		0.22	1.360	34.5	5.03	142	<10	50	<0.5	<2	4.79	33.1	90	59	7270	8.59

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11127609

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K273365		<10	1	0.24	20	0.42	1000	2	0.07	5	600	14	0.02	2	6	26
K274314		<10	1	0.37	30	0.12	2270	8	0.03	2	630	413	0.15	3	6	20
K274315		<10	1	0.20	20	0.49	909	3	0.05	3	620	101	0.04	<2	6	50
K274316		10	1	0.13	20	0.64	761	2	0.03	2	620	100	0.05	3	6	19
K274317		<10	1	0.21	20	0.54	956	3	0.04	2	590	28	0.05	<2	5	53
K274318		<10	1	0.25	30	0.30	1935	3	0.03	3	690	476	0.12	3	7	29
K274319		<10	1	0.22	20	0.45	947	4	0.04	3	630	162	0.07	<2	5	57
K274320		<10	1	0.12	20	0.08	608	3	0.01	2	640	50	0.02	3	8	17
K274321		<10	1	0.14	20	0.23	1075	3	0.02	4	640	134	0.01	4	7	18
K274322		<10	1	0.17	20	0.50	681	3	0.05	5	620	63	0.01	2	4	25
K274323		<10	1	0.12	20	0.24	739	2	0.03	5	630	274	0.01	2	6	22
K274324		<10	1	0.15	30	0.10	1005	2	0.02	4	680	107	0.01	2	10	18
K274325		<10	1	0.15	20	0.09	919	2	0.03	3	640	99	0.01	4	8	17
K274326		<10	<1	0.19	30	0.18	959	3	0.03	5	670	195	0.01	2	8	22
K274327		<10	1	0.17	30	0.18	911	3	0.03	6	670	202	0.02	4	7	21
K274328		<10	1	0.24	30	0.10	1475	4	0.02	4	670	98	0.04	4	8	25
K274329		<10	1	0.23	30	0.12	1175	4	0.03	5	610	337	0.10	4	6	29
K274330		<10	1	0.23	30	0.11	1755	5	0.02	5	640	303	0.13	5	6	25
K274331		<10	1	0.01	<10	12.35	199	1	0.02	3	170	<2	0.01	<2	<1	53
K274332		<10	<1	0.23	30	0.14	1730	3	0.03	2	670	101	0.06	<2	7	24
K274333		<10	1	0.17	40	0.35	1435	3	0.02	3	610	355	0.04	3	7	21
K274334		<10	1	0.20	30	0.46	1195	2	0.02	3	730	501	0.03	3	7	20
K274335		<10	<1	0.21	30	0.25	1215	2	0.04	3	640	116	0.04	2	7	21
K274336		<10	1	0.24	30	0.22	1405	4	0.03	3	620	673	0.24	3	6	21
K274337		<10	1	0.23	40	0.20	1380	5	0.03	6	640	321	0.04	3	6	20
K274338		<10	1	0.23	110	0.07	1185	8	0.02	4	640	441	0.05	7	5	17
K274339		<10	1	0.26	100	0.06	222	15	0.02	3	420	599	0.08	10	2	24
K274340		<10	1	0.25	50	0.07	1680	6	0.01	5	610	585	0.08	4	5	16
K274341		<10	1	0.17	30	0.24	637	2	0.03	3	650	86	<0.01	2	7	24
K274342		<10	1	0.15	30	0.28	588	2	0.02	3	670	144	<0.01	2	8	23
K274343		<10	1	0.21	30	0.20	633	2	0.03	4	680	68	<0.01	2	7	20
K274344		<10	1	0.14	20	0.17	692	2	0.02	4	640	110	0.01	<2	7	15
K274345		<10	1	0.14	20	0.33	621	2	0.04	3	650	84	<0.01	4	7	20
K274346		<10	1	0.13	20	0.22	616	2	0.03	5	650	125	0.01	2	4	21
K274347		<10	<1	0.20	30	0.07	1595	2	0.02	5	670	118	0.12	4	8	16
K274348		10	3	0.24	<10	1.15	640	50	0.36	325	700	8480	7.26	30	4	83

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11127609

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K273365		<20	0.05	<10	<10	48	<10	80
K274314		<20	<0.01	<10	<10	35	<10	2270
K274315		<20	0.01	<10	<10	39	<10	550
K274316		<20	<0.01	<10	<10	44	<10	754
K274317		<20	0.01	<10	<10	33	<10	477
K274318		<20	<0.01	<10	<10	37	<10	1185
K274319		<20	0.01	<10	<10	36	<10	535
K274320		<20	<0.01	<10	<10	42	<10	581
K274321		<20	0.01	<10	<10	39	<10	975
K274322		<20	0.04	<10	<10	43	<10	279
K274323		<20	0.02	<10	<10	39	<10	538
K274324		<20	<0.01	<10	<10	39	<10	564
K274325		<20	0.01	<10	<10	35	<10	514
K274326		<20	0.01	<10	<10	41	<10	495
K274327		<20	0.01	<10	<10	39	<10	510
K274328		<20	<0.01	<10	<10	33	<10	370
K274329		<20	0.01	<10	<10	33	<10	600
K274330		<20	0.01	<10	<10	37	<10	727
K274331		<20	<0.01	<10	10	2	<10	20
K274332		<20	<0.01	<10	<10	36	<10	252
K274333		<20	<0.01	<10	<10	45	<10	551
K274334		<20	<0.01	<10	<10	43	<10	500
K274335		<20	0.01	<10	<10	42	<10	269
K274336		<20	<0.01	<10	<10	35	<10	734
K274337		<20	0.01	<10	<10	40	<10	522
K274338		<20	<0.01	<10	<10	33	<10	716
K274339		<20	<0.01	<10	<10	21	<10	574
K274340		<20	<0.01	<10	<10	27	<10	1640
K274341		<20	0.01	<10	<10	40	<10	433
K274342		<20	0.01	<10	<10	44	<10	542
K274343		<20	0.01	<10	<10	43	<10	408
K274344		<20	0.01	<10	<10	39	<10	405
K274345		<20	0.01	<10	<10	46	<10	324
K274346		<20	0.02	<10	<10	38	<10	262
K274347		<20	0.01	<10	<10	39	<10	392
K274348		<20	0.06	<10	<10	325	<10	7650

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11129143

Project: Klaza TR- 29

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- AUG- 2011
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Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11129143

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274209		4.14	0.062	2.2	0.45	128	<10	640	0.7	<2	0.63	6.0	6	4	40	4.70
K274210		2.32	0.008	0.8	0.70	30	<10	290	0.8	<2	0.32	1.6	6	5	16	2.81
K274211		2.82	0.163	6.9	0.65	96	<10	500	0.6	4	0.30	2.2	8	6	25	3.34
K274212		3.42	<0.005	0.2	1.17	7	<10	180	<0.5	<2	0.48	0.6	6	9	8	2.53
K274213		3.74	<0.005	0.9	1.14	14	<10	280	0.5	<2	0.30	1.2	7	7	14	2.81
K274214		3.42	0.013	2.9	0.91	33	<10	330	0.7	3	0.29	1.6	7	9	24	3.29
K274215		2.20	0.013	0.3	1.01	17	<10	240	<0.5	<2	0.31	0.5	5	8	12	2.28
K274216		4.18	<0.005	0.2	1.11	4	<10	170	<0.5	<2	0.42	<0.5	5	8	9	2.43
K274217		4.76	0.011	0.6	0.60	25	<10	360	0.7	<2	0.31	1.0	10	5	30	2.89
K274218		3.24	0.019	0.9	1.19	41	<10	410	0.7	<2	0.35	1.0	7	7	23	2.64
K274219		2.64	<0.005	0.2	1.55	6	<10	180	0.6	<2	0.46	<0.5	7	6	10	2.91
K274220		4.22	<0.005	<0.2	1.24	5	<10	250	<0.5	<2	0.52	<0.5	6	10	7	2.77
K274221		2.22	<0.005	0.3	1.44	12	<10	370	0.6	<2	0.39	0.6	7	12	18	2.69
K274222		2.72	<0.005	<0.2	1.24	7	<10	220	<0.5	<2	0.41	<0.5	7	11	13	2.48
K274223		2.86	<0.005	0.2	1.51	13	<10	300	0.6	<2	0.37	<0.5	7	11	23	2.78
K274224		4.78	<0.005	<0.2	1.34	6	<10	220	<0.5	<2	0.59	<0.5	7	16	8	2.61
K274225		0.22	1.490	31.2	4.77	143	<10	40	<0.5	29	4.49	31.1	84	55	6680	8.00
K274226		3.66	0.007	0.3	1.17	22	<10	230	<0.5	<2	0.38	0.7	7	15	27	2.31
K274227		3.42	0.006	0.3	0.88	31	<10	290	0.7	<2	0.35	0.6	6	7	19	2.08
K274228		4.46	<0.005	0.3	0.97	11	<10	260	<0.5	<2	0.82	0.6	6	9	8	2.32
K274229		2.46	<0.005	0.2	1.25	7	<10	440	<0.5	<2	0.63	0.8	8	21	9	2.60
K274230		2.28	<0.005	0.3	1.02	18	<10	310	0.6	<2	0.35	<0.5	5	6	14	2.21
K274231		3.26	0.010	0.9	0.61	55	<10	770	0.7	<2	3.78	0.5	6	3	18	3.07
K274232		3.30	<0.005	0.3	0.78	13	<10	350	0.7	<2	0.49	<0.5	7	4	24	2.76
K274233		2.44	0.009	0.6	1.34	21	<10	320	0.5	<2	0.49	1.2	8	15	37	2.58
K274234		2.56	<0.005	0.2	1.51	9	<10	440	0.6	<2	0.47	<0.5	7	8	19	2.99
K274235		4.82	0.006	0.8	1.08	12	<10	280	<0.5	<2	0.80	3.0	6	7	35	2.31
K274236		4.54	0.013	4.4	0.55	27	<10	280	<0.5	<2	0.46	1.7	7	6	12	1.51
K274237		3.74	<0.005	0.5	0.69	8	<10	270	0.5	<2	0.89	0.5	4	4	8	1.89
K274238		4.56	<0.005	2.9	1.01	8	<10	260	0.5	<2	0.42	1.2	5	6	18	2.52
K274239		4.06	0.005	0.2	0.62	6	<10	310	0.5	<2	0.43	1.7	2	3	21	1.36
K274240		4.10	<0.005	0.2	1.53	8	<10	350	0.8	<2	0.54	0.7	5	5	14	3.30
K274241		1.88	<0.005	0.2	0.04	3	<10	20	<0.5	<2	19.9	<0.5	1	<1	<1	0.47
K274242		3.68	<0.005	0.4	1.20	15	<10	510	0.8	<2	0.46	1.2	4	4	12	2.94
K274243		3.56	0.153	3.9	0.55	141	<10	260	0.6	<2	0.32	16.4	6	3	41	4.01
K274244		3.26	0.018	1.3	1.01	34	<10	450	0.7	<2	0.32	1.0	5	4	69	3.10

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CERTIFICATE OF ANALYSIS WH11129143

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274209		<10	<1	0.24	20	0.12	3740	6	0.02	2	500	384	0.14	2	5	17
K274210		<10	<1	0.24	30	0.07	1535	3	0.02	3	650	94	0.03	<2	8	13
K274211		<10	<1	0.20	30	0.16	1980	4	0.03	4	600	169	0.18	2	6	17
K274212		<10	<1	0.17	20	0.57	752	1	0.05	5	610	12	0.03	<2	4	18
K274213		<10	<1	0.16	20	0.42	1325	2	0.03	4	630	105	0.03	3	5	16
K274214		<10	1	0.21	20	0.20	1935	4	0.03	5	580	410	0.03	2	5	17
K274215		<10	<1	0.16	20	0.36	684	1	0.04	5	640	25	0.02	<2	4	17
K274216		<10	1	0.12	20	0.57	533	1	0.06	3	580	9	0.02	<2	4	19
K274217		<10	<1	0.20	30	0.07	1585	4	0.02	4	610	19	0.03	<2	7	14
K274218		<10	<1	0.18	30	0.34	2150	3	0.03	7	620	38	0.02	<2	6	18
K274219		10	<1	0.09	20	0.71	579	1	0.03	4	590	7	0.02	2	5	23
K274220		<10	<1	0.14	20	0.71	494	1	0.07	5	660	7	0.02	<2	5	25
K274221		<10	<1	0.16	20	0.52	1175	1	0.04	7	620	26	0.02	<2	6	25
K274222		<10	<1	0.15	20	0.59	690	1	0.05	7	600	13	0.02	<2	4	20
K274223		10	<1	0.14	20	0.56	715	1	0.03	6	610	16	0.02	2	7	21
K274224		<10	1	0.15	20	0.79	512	1	0.08	9	610	8	0.02	<2	4	28
K274225		10	2	0.23	<10	1.12	592	44	0.35	302	650	7900	7.07	26	4	73
K274226		<10	1	0.13	20	0.41	709	1	0.04	9	590	38	0.03	<2	5	24
K274227		<10	<1	0.20	30	0.16	1075	2	0.03	5	680	24	0.03	<2	7	14
K274228		<10	<1	0.17	20	0.49	967	1	0.05	4	640	20	0.04	2	4	27
K274229		<10	1	0.19	20	0.73	558	1	0.07	10	610	15	0.02	2	5	33
K274230		<10	1	0.20	20	0.26	626	1	0.04	4	630	19	0.03	<2	7	16
K274231		<10	<1	0.25	20	0.75	4700	1	0.03	3	480	33	0.29	<2	6	73
K274232		<10	<1	0.26	30	0.13	1590	2	0.03	3	610	16	0.04	<2	7	15
K274233		<10	<1	0.19	20	0.41	695	1	0.05	10	640	61	0.03	2	6	34
K274234		<10	<1	0.20	30	0.61	646	1	0.03	6	630	18	0.02	<2	7	20
K274235		<10	<1	0.19	20	0.45	704	1	0.04	3	550	123	0.06	2	4	29
K274236		<10	<1	0.18	10	0.12	710	2	0.03	4	460	890	0.17	4	2	15
K274237		<10	<1	0.22	20	0.13	612	1	0.03	3	640	10	0.03	<2	3	22
K274238		<10	<1	0.16	20	0.38	663	1	0.04	3	640	533	0.04	2	6	18
K274239		<10	<1	0.20	20	0.07	516	1	0.03	1	630	14	0.02	<2	2	12
K274240		<10	<1	0.15	30	0.42	463	1	0.03	3	650	13	0.02	<2	7	19
K274241		<10	<1	0.02	<10	12.05	199	<1	0.03	3	180	<2	0.08	<2	<1	48
K274242		<10	<1	0.19	30	0.31	763	2	0.02	2	610	89	0.04	<2	6	17
K274243		<10	1	0.29	20	0.08	2900	3	0.02	3	580	857	0.74	4	5	19
K274244		<10	<1	0.23	30	0.22	1160	2	0.02	3	610	32	0.10	3	7	15

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Finalized Date: 9- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 29

CERTIFICATE OF ANALYSIS WH11129143

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274209		<20	<0.01	<10	<10	18	<10	708
K274210		<20	<0.01	<10	<10	30	<10	207
K274211		<20	0.01	<10	<10	27	<10	240
K274212		<20	0.04	<10	<10	44	<10	74
K274213		<20	0.01	<10	<10	37	<10	129
K274214		<20	0.01	<10	<10	29	<10	254
K274215		<20	0.02	<10	<10	37	<10	63
K274216		<20	0.05	<10	<10	47	<10	41
K274217		<20	<0.01	<10	<10	24	<10	99
K274218		<20	0.01	<10	<10	33	<10	100
K274219		<20	0.01	<10	<10	47	<10	38
K274220		<20	0.07	<10	<10	57	<10	43
K274221		<20	0.04	<10	<10	48	<10	65
K274222		<20	0.05	<10	<10	46	<10	53
K274223		<20	0.02	<10	<10	47	<10	60
K274224		<20	0.08	<10	<10	55	<10	42
K274225		<20	0.06	<10	<10	308	<10	7270
K274226		<20	0.05	<10	<10	41	<10	84
K274227		<20	0.01	<10	<10	28	<10	66
K274228		<20	0.04	<10	<10	41	<10	67
K274229		<20	0.06	<10	<10	54	<10	79
K274230		<20	0.01	<10	<10	38	<10	54
K274231		<20	<0.01	<10	<10	20	<10	69
K274232		20	<0.01	<10	<10	32	<10	57
K274233		<20	0.05	<10	<10	46	<10	134
K274234		<20	0.04	<10	<10	52	<10	58
K274235		<20	0.02	<10	<10	38	<10	237
K274236		<20	0.01	<10	<10	19	<10	190
K274237		<20	<0.01	<10	<10	27	<10	76
K274238		<20	0.01	<10	<10	37	<10	114
K274239		<20	<0.01	<10	<10	13	<10	82
K274240		20	0.01	<10	<10	43	<10	55
K274241		<20	<0.01	<10	<10	1	<10	16
K274242		<20	0.01	<10	<10	36	<10	99
K274243		<20	<0.01	<10	<10	15	<10	1240
K274244		<20	0.01	<10	<10	34	<10	101

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Finalized Date: 16- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11130471

Project: Klaza DDH- 14

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11130471

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K272001		4.84	0.006		0.4	0.79	20	<10	520	0.6	<2	2.02	0.5	8	5	16
K272002		3.36	0.097		4.5	0.84	60	<10	60	0.5	<2	1.72	8.7	19	6	12
K272003		5.06	0.017		1.0	0.83	4	<10	280	0.5	<2	1.53	3.3	7	5	8
K272004		3.88	0.232		7.6	0.43	274	<10	20	<0.5	4	1.72	20.0	12	4	18
K272005		2.36	<0.005		<0.2	0.04	3	<10	20	<0.5	<2	20.1	<0.5	1	1	1
K272006		6.54	0.032		1.2	0.61	32	<10	90	0.5	<2	2.19	2.2	8	5	7
K272007		10.36	0.008		<0.2	1.12	2	<10	240	0.5	<2	1.81	<0.5	8	8	6
K272008		6.16	0.194		4.4	0.44	269	<10	80	0.5	2	1.54	6.9	8	5	30
K272009		3.22	0.996		38.3	0.35	6020	<10	30	0.5	<2	1.77	135.5	4	3	156
K272010		4.62	0.010		0.8	0.70	38	<10	160	0.6	<2	2.10	1.6	6	5	10
K272011		0.30	3.49		>100	0.17	>10000	<10	10	<0.5	2	0.42	322	2	8	1580
K272012		11.52	0.027		0.4	0.74	54	<10	320	0.7	<2	2.12	<0.5	7	7	10
K272013		10.22	0.011		0.7	1.22	44	<10	220	0.7	<2	1.54	<0.5	8	8	17
K272014		8.06	0.547		9.9	0.46	1360	<10	30	0.5	2	1.79	35.3	27	2	18
K272015		5.88	0.373		12.4	0.43	174	<10	110	0.5	<2	2.76	51.8	6	4	35
K272016		10.28	0.006		1.9	1.17	20	<10	350	0.8	<2	1.72	1.1	7	6	21
K272017		10.80	0.008		<0.2	1.37	14	<10	230	0.8	<2	1.51	<0.5	8	7	10
K272018		8.50	0.020		0.5	0.61	59	<10	170	0.6	<2	2.13	<0.5	6	5	5
K272019		5.50	0.060		2.8	0.49	206	<10	120	0.6	<2	2.19	20.1	7	6	19
K272020		2.68	0.056		3.7	0.49	131	<10	130	0.7	<2	1.73	15.7	7	4	21
K272021		8.08	0.011		0.5	0.78	16	<10	640	1.0	<2	2.59	1.6	4	8	6
K272022		3.64	<0.005		<0.2	0.05	<2	<10	10	<0.5	<2	20.2	<0.5	<1	1	<1
K272023		6.46	0.007		<0.2	0.62	7	<10	760	1.0	<2	2.58	<0.5	4	8	7
K272024		4.02	0.337		1.2	0.68	682	<10	110	0.9	<2	1.80	5.4	7	5	9
K272025		8.02	0.014		0.2	0.61	4	<10	120	0.9	<2	2.15	<0.5	3	9	10
K272026		8.24	0.034		0.5	0.59	31	<10	1380	1.1	<2	2.65	1.3	4	11	12
K272027		3.92	1.270		10.4	0.36	6730	<10	30	0.5	<2	0.88	43.3	6	4	59
K272028		4.48	>10.0	16.85	>100	0.29	>10000	<10	10	<0.5	21	1.04	548	3	2	1420
K272029		4.04	0.049		2.5	0.69	78	<10	70	0.6	<2	1.96	14.4	10	5	14
K272030		0.30	3.27		>100	0.18	>10000	<10	10	<0.5	2	0.42	322	2	8	1580
K272031		7.34	0.018		0.2	1.12	23	<10	170	0.7	<2	2.15	<0.5	9	7	3
K272032		12.06	0.314		1.6	1.05	784	<10	180	0.5	<2	2.44	2.7	6	9	15
K272033		10.66	<0.005		0.2	1.12	6	<10	240	<0.5	<2	1.74	<0.5	6	12	9
K272034		11.94	0.005		0.2	0.88	5	<10	400	0.5	<2	1.98	2.8	9	6	8
K272035		5.20	0.063		7.7	0.84	19	<10	150	0.5	<2	2.38	14.3	10	7	67
K272036		6.70	0.103		8.7	0.39	63	<10	60	<0.5	4	1.53	30.8	22	4	46

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Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11130471

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K272001		2.80	<10	<1	0.22	20	0.68	1080	2	0.01	5	590	46	0.53	<2	6
K272002		3.91	<10	<1	0.32	20	0.65	1235	<1	0.01	2	530	1115	2.44	3	4
K272003		3.09	<10	<1	0.26	20	0.71	1425	<1	<0.01	1	610	180	0.74	<2	5
K272004		6.04	<10	1	0.32	<10	0.47	2030	1	<0.01	1	460	955	6.45	3	2
K272005		0.41	<10	1	0.02	<10	12.30	184	<1	<0.01	<1	210	4	0.08	<2	<1
K272006		3.13	<10	1	0.31	20	0.53	1300	<1	0.01	3	580	82	2.20	<2	3
K272007		2.88	<10	<1	0.18	20	0.84	522	<1	0.03	2	580	10	1.07	<2	6
K272008		3.77	<10	<1	0.33	10	0.36	1090	<1	0.01	2	570	1015	3.20	6	3
K272009		3.98	<10	<1	0.29	10	0.48	2670	<1	<0.01	1	440	9720	3.59	46	3
K272010		2.94	<10	<1	0.29	20	0.61	1800	<1	0.02	1	560	98	0.92	3	5
K272011		14.1	<10	1	0.07	<10	0.17	1455	<1	<0.01	10	130	>10000	>10.0	578	1
K272012		2.72	<10	<1	0.23	20	0.69	1070	<1	0.02	2	550	38	0.83	3	6
K272013		3.03	<10	1	0.20	20	0.72	640	<1	0.02	2	580	147	0.88	2	6
K272014		6.72	<10	<1	0.34	<10	0.69	2810	9	<0.01	3	890	1945	4.79	14	4
K272015		3.24	<10	<1	0.31	10	0.86	2870	1	0.01	1	480	2770	1.56	13	4
K272016		3.31	<10	<1	0.21	20	0.80	939	<1	0.01	2	580	107	0.74	5	6
K272017		3.14	<10	1	0.20	20	0.81	792	<1	0.01	3	590	21	0.89	<2	5
K272018		2.81	<10	1	0.24	20	0.65	906	<1	0.01	1	550	32	1.55	<2	4
K272019		3.24	<10	1	0.26	10	0.59	846	<1	0.01	1	520	790	2.08	3	4
K272020		3.04	<10	<1	0.27	10	0.49	824	<1	<0.01	2	500	831	1.95	3	4
K272021		2.07	<10	<1	0.28	10	0.79	501	<1	0.01	7	650	101	0.28	<2	5
K272022		0.40	<10	<1	0.03	<10	12.30	177	<1	0.01	3	220	<2	0.01	<2	<1
K272023		1.92	<10	1	0.27	10	0.83	573	<1	0.01	7	570	13	0.09	2	5
K272024		2.98	<10	<1	0.27	20	0.59	817	2	<0.01	4	560	337	1.23	5	6
K272025		1.79	<10	<1	0.31	10	0.79	725	<1	0.01	13	460	18	0.05	3	5
K272026		2.00	<10	<1	0.26	10	0.89	705	2	0.01	14	420	62	0.18	3	5
K272027		4.37	<10	<1	0.25	10	0.27	620	10	<0.01	4	400	2420	4.14	40	2
K272028		9.83	<10	2	0.24	<10	0.15	10250	<1	<0.01	<1	290	>10000	9.56	316	1
K272029		3.70	<10	<1	0.26	20	0.62	1635	1	0.02	1	620	513	2.70	4	4
K272030		13.55	<10	2	0.07	<10	0.17	1455	1	0.01	11	140	>10000	>10.0	581	1
K272031		3.19	10	<1	0.16	20	0.83	521	1	0.03	2	710	20	1.57	<2	7
K272032		2.77	<10	<1	0.14	20	0.74	604	<1	0.04	1	620	252	0.42	5	6
K272033		2.71	<10	1	0.16	20	0.72	629	<1	0.07	1	620	25	0.19	<2	6
K272034		2.48	<10	<1	0.16	20	0.62	470	<1	0.04	1	600	19	0.71	<2	6
K272035		3.18	<10	<1	0.29	20	0.72	1285	<1	0.04	1	650	1105	1.41	10	6
K272036		5.14	<10	<1	0.32	<10	0.54	1735	3	0.01	3	600	1400	4.36	2	2

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CERTIFICATE OF ANALYSIS WH11130471

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K272001		105	<20	<0.01	<10	<10	28	<10	63	<1		
K272002		67	<20	<0.01	<10	<10	21	<10	580	2		
K272003		72	<20	<0.01	<10	<10	26	<10	259	<1		
K272004		41	<20	<0.01	<10	<10	7	<10	1350	6		
K272005		54	<20	<0.01	<10	<10	2	<10	18	<1		
K272006		77	<20	<0.01	<10	<10	15	<10	210	<1		
K272007		99	<20	<0.01	<10	<10	35	<10	34	<1		
K272008		68	<20	<0.01	<10	<10	10	<10	618	3		
K272009		55	<20	<0.01	<10	<10	6	<10	8430	37		
K272010		99	<20	<0.01	<10	<10	23	<10	132	1		
K272011		19	<20	<0.01	<10	<10	7	160	>10000	447	3.22	3.63
K272012		125	<20	<0.01	<10	<10	24	<10	56	1		
K272013		111	<20	<0.01	<10	<10	32	<10	55	1		
K272014		63	<20	<0.01	<10	<10	15	<10	2420	10		
K272015		100	<20	<0.01	<10	<10	10	<10	3450	12		
K272016		127	20	<0.01	<10	<10	28	<10	103	2		
K272017		131	20	<0.01	<10	<10	30	<10	45	1		
K272018		110	<20	<0.01	<10	<10	18	<10	51	1		
K272019		122	<20	<0.01	<10	<10	17	<10	1330	3		
K272020		106	<20	<0.01	<10	<10	17	<10	1020	4		
K272021		288	<20	<0.01	<10	<10	25	<10	136	1		
K272022		51	<20	<0.01	<10	<10	2	<10	15	1		
K272023		222	<20	<0.01	<10	<10	26	<10	48	<1		
K272024		137	<20	<0.01	<10	<10	21	<10	405	1		
K272025		195	<20	<0.01	<10	<10	27	<10	60	<1		
K272026		226	<20	<0.01	<10	<10	28	<10	129	1		
K272027		56	<20	<0.01	<10	<10	6	<10	2810	10		
K272028		33	<20	<0.01	<10	<10	3	10	>10000	161	3.03	3.67
K272029		87	<20	<0.01	<10	<10	13	<10	924	3		
K272030		20	<20	<0.01	10	<10	7	150	>10000	415	3.22	3.62
K272031		147	<20	<0.01	<10	<10	34	<10	54	1		
K272032		141	<20	0.01	<10	<10	45	<10	218	2		
K272033		90	<20	0.03	<10	<10	49	<10	48	1		
K272034		129	<20	0.01	<10	<10	36	<10	300	<1		
K272035		99	<20	0.01	<10	<10	36	<10	998	13		
K272036		28	<20	<0.01	<10	<10	7	<10	2880	9		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11130472

Project: Klaza DDH- 14

P.O. No.: Batch 6

This report is for 12 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11130472

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272037		4.12	0.572	13.8	0.33	79	<10	30	<0.5	5	0.85	86.8	28	3	108	6.43
K272038		10.08	0.044	3.9	0.34	12	<10	100	<0.5	3	2.67	2.8	29	3	10	4.22
K272039		4.78	0.204	2.6	0.38	28	<10	70	0.5	2	2.15	1.5	18	3	18	3.76
K272040		3.42	<0.005	0.2	0.06	<2	<10	20	<0.5	<2	18.9	<0.5	<1	1	<1	0.38
K272041		10.40	0.006	0.2	0.77	4	<10	290	<0.5	<2	1.90	<0.5	7	7	5	2.52
K272042		4.14	0.019	1.2	0.44	40	<10	220	0.6	<2	2.14	0.6	6	4	43	2.81
K272043		4.34	<0.005	<0.2	1.16	3	<10	150	<0.5	<2	1.53	<0.5	6	7	10	2.73
K272044		0.20	1.445	30.2	4.60	140	<10	30	<0.5	<2	4.29	29.8	79	52	6520	7.65
K272045		12.96	<0.005	<0.2	1.08	10	<10	170	<0.5	<2	1.01	<0.5	6	9	13	2.40
K272046		12.62	<0.005	0.2	1.04	4	<10	150	<0.5	<2	1.60	<0.5	5	8	10	2.42
K272047		11.12	<0.005	<0.2	1.35	3	<10	90	0.6	<2	1.46	<0.5	7	8	6	2.63
K272048		5.46	<0.005	<0.2	1.31	7	<10	80	0.6	<2	1.52	<0.5	7	7	8	2.55

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Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11130472

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272037		<10	1	0.26	<10	0.57	1755	2	0.02	7	570	2480	4.77	4	2	26
K272038		<10	<1	0.27	<10	0.67	2470	2	0.02	6	550	225	3.41	<2	2	44
K272039		<10	1	0.27	10	0.56	1615	3	0.02	3	530	91	2.84	5	4	84
K272040		<10	<1	0.04	<10	11.45	172	<1	0.02	3	200	2	0.08	<2	<1	49
K272041		<10	<1	0.14	20	0.68	466	1	0.06	3	570	7	0.90	<2	6	107
K272042		<10	<1	0.25	10	0.60	1440	1	0.02	2	510	43	1.18	13	5	107
K272043		<10	<1	0.13	20	0.69	535	1	0.06	2	660	8	0.14	<2	5	73
K272044		<10	1	0.22	<10	1.07	566	42	0.33	289	620	7540	6.87	28	4	70
K272045		<10	1	0.11	10	0.70	356	1	0.08	2	590	14	0.34	<2	4	54
K272046		<10	<1	0.10	20	0.66	433	1	0.07	3	560	9	0.31	3	5	97
K272047		<10	<1	0.10	20	0.79	483	1	0.06	2	550	8	0.13	<2	6	161
K272048		10	<1	0.09	20	0.75	478	1	0.05	3	580	8	0.10	3	5	169

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Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11130472

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272037		<20	<0.01	<10	<10	11	<10	7920	13
K272038		<20	<0.01	<10	<10	9	<10	273	3
K272039		<20	<0.01	<10	<10	16	<10	161	2
K272040		<20	<0.01	<10	<10	1	<10	17	1
K272041		<20	0.01	<10	<10	35	<10	36	<1
K272042		<20	<0.01	<10	<10	17	<10	74	1
K272043		<20	0.06	<10	<10	50	<10	36	<1
K272044		<20	0.05	10	<10	294	<10	6910	31
K272045		<20	0.11	<10	<10	48	<10	37	1
K272046		<20	0.05	<10	<10	47	<10	33	<1
K272047		<20	0.02	<10	<10	49	<10	37	1
K272048		<20	0.02	<10	<10	48	<10	38	<1

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Finalized Date: 29- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11130473

Project: Klaza DDH- 16

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- AUG- 2011
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Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11130473

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271741		7.74	0.012	0.4	0.60	18	<10	390	0.6	<2	2.85	0.7	5	5	24	2.42
K271742		7.54	<0.005	0.2	0.69	7	<10	280	0.5	<2	2.15	<0.5	5	7	13	2.11
K271743		6.42	0.052	4.4	0.39	80	<10	110	0.5	<2	2.85	20.0	13	3	69	2.88
K271744		7.48	0.007	0.6	0.46	96	<10	130	0.8	<2	2.70	0.7	5	4	11	2.12
K271745		5.06	0.559	14.2	0.34	293	<10	20	<0.5	3	4.38	83.5	5	2	216	6.11
K271746		2.78	<0.005	<0.2	0.04	4	<10	20	<0.5	<2	20.3	<0.5	1	1	5	0.41
K271747		9.44	0.098	2.6	0.38	211	<10	110	<0.5	<2	2.51	6.4	12	4	38	3.10
K271748		8.22	<0.005	0.4	0.55	13	<10	520	0.7	<2	2.59	<0.5	9	5	8	2.25
K271749		11.04	<0.005	0.6	0.84	14	<10	310	<0.5	<2	2.07	1.6	7	7	11	2.28
K271750		5.02	0.188	68.7	0.41	255	<10	20	<0.5	4	2.54	67.8	42	3	85	5.84
K271751		7.20	<0.005	0.3	0.97	7	<10	180	<0.5	<2	1.52	<0.5	6	8	13	2.41
K271752		0.20	1.580	33.5	4.88	160	<10	60	<0.5	5	4.52	33.0	86	56	7480	8.12
K271753		7.36	<0.005	0.2	0.95	7	<10	200	<0.5	<2	1.68	<0.5	7	9	31	2.52
K271754		6.32	<0.005	0.2	0.92	6	<10	200	<0.5	<2	1.58	<0.5	7	8	16	2.34
K271755		9.60	0.064	2.0	0.53	220	<10	190	0.7	<2	2.46	5.4	6	4	16	1.98
K271756		6.80	0.007	0.2	0.72	10	<10	260	0.6	<2	2.32	<0.5	6	3	8	1.93
K271757		5.10	0.015	1.4	0.55	11	<10	190	0.6	2	4.89	<0.5	42	3	22	2.97
K271758		10.92	<0.005	0.2	1.03	4	<10	220	<0.5	<2	1.79	<0.5	10	8	8	2.30
K271759		7.20	<0.005	<0.2	0.92	3	<10	130	<0.5	<2	1.64	<0.5	6	8	11	2.53
K271760		6.18	0.025	1.8	0.77	70	<10	250	0.7	<2	2.26	1.8	7	5	17	2.58
K271761		10.76	<0.005	1.1	0.66	10	<10	300	<0.5	<2	2.29	0.5	28	6	10	2.71
K271762		0.84	<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	19.0	<0.5	1	<1	3	0.41
K271763		7.94	<0.005	<0.2	0.71	7	<10	430	0.6	<2	2.50	0.8	6	6	9	2.58
K271764		9.14	0.027	0.2	1.01	197	<10	140	<0.5	<2	1.88	1.2	8	8	15	2.83
K271765		9.62	<0.005	<0.2	0.93	9	<10	330	<0.5	<2	1.67	<0.5	5	8	21	2.34
K271766		6.44	<0.005	<0.2	1.08	5	<10	370	<0.5	<2	1.81	<0.5	5	7	5	2.37
K271767		3.84	<0.005	0.2	2.52	15	<10	150	<0.5	<2	4.54	<0.5	16	4	2	3.77
K271768		4.94	<0.005	<0.2	0.94	5	<10	140	<0.5	<2	1.56	<0.5	5	8	19	2.41
K271769		7.20	<0.005	<0.2	0.67	5	<10	250	0.6	<2	1.72	<0.5	6	5	10	2.65
K271770		5.76	<0.005	<0.2	0.60	6	<10	1180	0.7	<2	1.60	<0.5	6	4	8	2.64
K271771		2.42	<0.005	<0.2	0.44	5	<10	1180	0.6	<2	1.62	<0.5	5	3	7	2.46
K271772		6.96	0.005	0.2	0.48	7	<10	850	0.6	<2	1.68	<0.5	6	3	18	2.34
K271773		7.42	<0.005	<0.2	1.01	6	<10	150	<0.5	<2	1.70	<0.5	5	7	15	2.54
K271774		0.20	1.475	33.4	4.82	150	<10	40	<0.5	13	4.59	32.4	85	57	7100	8.14
K271775		10.16	<0.005	<0.2	1.08	7	<10	90	<0.5	<2	1.30	<0.5	5	9	37	2.48
K271776		12.34	<0.005	<0.2	1.12	6	<10	120	<0.5	<2	0.93	<0.5	4	9	13	2.39

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Finalized Date: 29- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11130473

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271741		<10	<1	0.23	20	0.73	962	2	0.03	1	560	34	0.47	<2	7	134
K271742		<10	<1	0.18	20	0.62	722	<1	0.05	1	590	16	0.33	<2	7	94
K271743		<10	<1	0.26	10	0.78	1785	3	0.02	1	550	733	2.24	10	4	74
K271744		<10	<1	0.25	20	0.68	1440	1	0.02	1	570	56	0.80	2	5	89
K271745		<10	<1	0.26	10	0.78	2260	1	0.02	<1	330	1095	7.50	38	2	83
K271746		<10	1	0.02	<10	12.15	191	<1	0.02	<1	220	4	0.03	2	<1	58
K271747		<10	<1	0.31	10	0.71	1885	<1	0.02	1	520	261	2.25	10	4	63
K271748		<10	<1	0.20	20	0.64	1035	1	0.03	1	560	34	0.46	2	6	91
K271749		<10	<1	0.20	20	0.63	705	1	0.06	2	590	52	0.42	<2	6	82
K271750		<10	<1	0.30	10	0.66	1605	<1	0.02	1	510	6150	6.77	49	3	61
K271751		<10	<1	0.13	20	0.60	448	<1	0.08	1	600	30	0.23	<2	6	64
K271752		10	1	0.23	<10	1.12	615	45	0.35	315	710	8700	7.63	30	4	81
K271753		<10	<1	0.15	20	0.60	452	1	0.08	1	610	16	0.33	<2	6	74
K271754		<10	<1	0.12	20	0.61	424	<1	0.06	2	580	19	0.26	2	5	55
K271755		<10	<1	0.19	30	0.55	1075	<1	0.01	1	620	508	0.75	7	6	76
K271756		<10	<1	0.16	20	0.58	554	<1	<0.01	1	630	9	0.29	2	7	75
K271757		<10	<1	0.19	10	1.30	1130	<1	0.01	1	520	26	1.52	4	5	165
K271758		<10	<1	0.13	20	0.66	448	<1	0.06	1	580	9	0.21	2	6	75
K271759		<10	<1	0.14	20	0.63	488	1	0.06	1	600	8	0.08	<2	7	75
K271760		<10	<1	0.23	20	0.61	995	<1	0.01	1	580	448	0.49	6	7	83
K271761		<10	<1	0.23	20	0.73	849	<1	0.04	1	550	219	0.98	2	5	76
K271762		<10	<1	0.01	<10	11.85	197	<1	0.01	1	170	2	0.01	<2	<1	48
K271763		<10	<1	0.19	20	0.70	749	3	0.03	1	600	21	0.37	3	7	92
K271764		<10	<1	0.15	20	0.71	583	3	0.05	1	670	31	0.31	3	6	72
K271765		<10	<1	0.16	20	0.64	522	1	0.06	1	570	11	0.09	<2	5	66
K271766		<10	<1	0.13	20	0.63	443	<1	0.05	1	600	8	0.20	3	6	74
K271767		10	<1	0.12	10	1.91	1030	<1	0.16	3	1260	2	1.85	<2	12	163
K271768		<10	<1	0.12	20	0.66	460	<1	0.06	1	580	8	0.17	<2	5	58
K271769		<10	<1	0.16	20	0.51	663	<1	0.01	1	550	8	0.15	4	9	74
K271770		<10	1	0.17	10	0.54	755	<1	0.01	1	490	7	0.12	3	9	76
K271771		<10	<1	0.13	10	0.50	700	<1	0.01	1	470	7	0.13	3	8	76
K271772		<10	<1	0.15	10	0.44	847	<1	<0.01	1	460	11	0.32	7	7	71
K271773		<10	<1	0.14	20	0.59	505	<1	0.04	1	580	8	0.22	4	5	60
K271774		<10	1	0.24	10	1.14	622	48	0.32	306	670	8320	7.09	32	4	75
K271775		<10	<1	0.12	10	0.67	432	<1	0.05	1	620	16	0.10	<2	4	43
K271776		<10	<1	0.10	10	0.69	342	<1	0.06	1	600	11	0.08	<2	3	43

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11130473

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271741		<20	<0.01	<10	<10	31	<10	101	1
K271742		<20	0.01	<10	<10	36	<10	41	<1
K271743		<20	<0.01	<10	<10	10	<10	1525	4
K271744		<20	<0.01	<10	<10	14	<10	82	1
K271745		<20	<0.01	<10	<10	6	<10	5150	14
K271746		<20	<0.01	<10	10	2	<10	23	1
K271747		<20	<0.01	<10	<10	11	<10	487	3
K271748		<20	<0.01	<10	<10	26	<10	60	1
K271749		<20	0.01	<10	<10	34	<10	147	1
K271750		<20	<0.01	<10	<10	10	<10	4870	61
K271751		<20	0.03	<10	<10	43	<10	53	1
K271752		<20	0.06	<10	<10	313	<10	7800	32
K271753		<20	0.04	<10	<10	46	<10	42	2
K271754		<20	0.04	<10	<10	45	<10	41	2
K271755		<20	<0.01	<10	<10	20	<10	426	3
K271756		<20	<0.01	<10	<10	31	<10	50	1
K271757		<20	<0.01	<10	<10	25	<10	57	2
K271758		<20	0.03	<10	<10	45	<10	36	2
K271759		<20	0.02	<10	<10	46	<10	36	2
K271760		<20	0.01	<10	<10	31	<10	133	2
K271761		<20	0.01	<10	<10	30	<10	53	1
K271762		<20	<0.01	<10	<10	1	<10	17	1
K271763		<20	0.01	<10	<10	35	<10	99	1
K271764		<20	0.02	<10	<10	48	<10	149	2
K271765		<20	0.06	<10	<10	45	<10	53	1
K271766		<20	0.02	<10	<10	45	<10	36	<1
K271767		<20	0.02	<10	<10	107	<10	67	1
K271768		<20	0.04	<10	<10	48	<10	38	1
K271769		<20	<0.01	<10	<10	37	<10	48	1
K271770		<20	<0.01	<10	<10	35	<10	46	<1
K271771		<20	<0.01	<10	<10	31	<10	43	1
K271772		<20	<0.01	<10	<10	29	<10	53	1
K271773		<20	0.04	<10	<10	43	<10	38	<1
K271774		<20	0.06	<10	<10	323	<10	7810	32
K271775		<20	0.09	<10	<10	53	<10	56	<1
K271776		<20	0.12	<10	<10	53	<10	34	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11131544

Project: Klaza- TR- 30

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 30

CERTIFICATE OF ANALYSIS WH11131544

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274475		4.54	0.025	0.8	0.72	185	<10	510	0.8	2	0.27	1.6	8	6	58	3.28
K274476		4.22	0.005	<0.2	0.73	138	<10	350	0.5	<2	0.26	0.6	7	7	15	2.99
K274477		3.16	<0.005	<0.2	1.07	37	<10	250	<0.5	<2	0.34	<0.5	7	8	14	2.64
K274478		3.36	<0.005	0.7	1.31	26	<10	570	<0.5	<2	0.37	1.6	9	8	28	3.65
K274479		4.08	0.007	0.3	1.43	22	<10	320	<0.5	<2	0.54	0.6	7	9	24	3.22
K274480		0.22	1.250	33.4	5.02	152	<10	40	<0.5	14	4.66	32.3	83	56	7550	8.35
K274481		2.58	<0.005	0.3	1.20	10	<10	330	<0.5	<2	0.43	<0.5	7	10	16	2.83
K274482		3.72	<0.005	0.2	0.97	10	<10	290	0.5	<2	0.33	<0.5	7	8	8	2.92
K274483		4.28	<0.005	0.2	0.86	13	<10	380	0.5	<2	0.29	<0.5	8	8	17	2.81
K274484		4.12	<0.005	<0.2	0.90	11	<10	360	0.5	<2	0.31	<0.5	9	7	17	2.90
K274485		3.14	<0.005	<0.2	1.13	4	<10	290	<0.5	<2	0.35	<0.5	6	8	10	2.62
K274486		4.76	<0.005	<0.2	1.02	11	<10	360	0.6	<2	0.34	<0.5	8	8	12	2.97
K274487		5.90	<0.005	<0.2	1.19	5	<10	300	<0.5	<2	0.43	<0.5	6	10	10	2.67
K274488		5.44	<0.005	<0.2	1.44	6	<10	190	<0.5	<2	0.51	<0.5	10	10	26	3.03
K274489		3.44	<0.005	0.2	1.30	12	<10	260	<0.5	<2	0.40	<0.5	6	9	17	3.29
K274490		2.96	0.180	0.6	0.74	114	<10	350	0.7	<2	0.19	2.6	49	5	89	5.85
K274491		3.32	0.105	17.5	0.91	167	<10	590	0.7	<2	0.26	2.3	5	6	140	3.86
K274492		3.40	0.012	0.9	1.28	14	<10	210	0.5	<2	0.34	<0.5	3	7	10	2.85
K274493		3.76	0.006	0.5	1.34	10	<10	380	0.7	<2	0.42	<0.5	6	6	13	2.99
K274494		4.30	<0.005	0.4	1.15	5	<10	350	<0.5	<2	0.45	<0.5	7	8	12	2.78
K274495		5.16	0.024	1.8	1.28	5	<10	400	0.7	2	0.38	<0.5	6	6	18	3.15
K274496		0.98	<0.005	<0.2	0.07	<2	<10	30	<0.5	<2	20.7	<0.5	<1	<1	4	0.57
K274497		4.54	<0.005	<0.2	1.59	4	<10	730	0.7	<2	0.52	<0.5	7	7	10	3.10
K274498		4.46	<0.005	0.2	1.27	<2	<10	830	0.6	<2	0.43	<0.5	7	6	10	3.07
K274499		5.04	<0.005	0.2	1.23	<2	<10	850	0.7	<2	0.74	<0.5	7	6	11	3.03
K274500		3.38	<0.005	0.2	0.71	<2	<10	1600	0.7	<2	0.24	<0.5	7	5	11	2.77
K274501		4.64	<0.005	<0.2	1.26	2	<10	630	0.8	<2	0.40	<0.5	7	6	11	2.91
K274502		4.88	<0.005	0.3	0.62	19	<10	720	0.6	<2	0.23	0.9	7	6	14	2.76
K274503		4.08	0.460	75.6	0.53	1820	<10	360	0.8	<2	0.55	33.8	6	3	75	3.48
K274504		4.88	7.63	>100	0.23	>10000	<10	30	0.5	<2	3.98	491	4	<1	832	7.63
K274505		3.54	0.089	13.0	0.48	571	<10	390	0.8	<2	0.33	17.5	5	4	24	3.09
K274506		3.48	0.024	3.0	0.45	233	<10	440	0.6	<2	0.47	18.5	6	3	8	2.43
K274507		4.28	0.098	5.3	0.35	645	<10	140	<0.5	<2	0.09	9.6	1	2	13	3.04
K274508		4.22	0.064	2.6	0.52	642	<10	310	0.5	<2	0.14	9.4	1	2	28	5.02
K274509		3.96	0.053	1.1	1.09	208	<10	520	1.1	<2	0.12	3.3	6	2	22	4.55
K274510		4.22	0.037	0.9	0.80	160	<10	700	0.9	<2	0.16	1.9	12	2	11	4.84

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 30

CERTIFICATE OF ANALYSIS WH11131544

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274475		<10	1	0.20	20	0.09	1240	7	0.01	5	630	169	0.03	6	7	15
K274476		<10	<1	0.19	20	0.19	1265	1	0.02	4	600	35	0.02	4	5	16
K274477		<10	<1	0.15	10	0.58	801	<1	0.05	3	580	22	0.02	2	4	21
K274478		<10	<1	0.25	10	0.59	1890	1	0.03	5	790	83	0.09	<2	4	21
K274479		<10	<1	0.20	20	0.79	954	<1	0.04	5	660	31	0.03	<2	4	25
K274480		10	2	0.25	<10	1.19	613	44	0.35	320	690	8350	7.64	29	4	79
K274481		<10	1	0.19	20	0.62	736	<1	0.04	4	630	29	0.02	<2	5	22
K274482		<10	<1	0.20	20	0.41	698	<1	0.05	3	620	14	0.01	<2	7	21
K274483		<10	<1	0.22	20	0.23	721	<1	0.03	5	620	18	0.01	<2	7	16
K274484		<10	<1	0.20	20	0.31	731	<1	0.03	3	660	15	0.01	2	7	16
K274485		<10	<1	0.18	20	0.59	567	<1	0.06	3	590	12	0.01	<2	4	22
K274486		<10	<1	0.15	20	0.31	871	<1	0.03	4	630	15	0.02	3	6	18
K274487		10	<1	0.16	20	0.64	572	<1	0.06	3	580	15	0.02	<2	5	26
K274488		10	<1	0.15	20	0.78	689	<1	0.06	4	660	11	0.02	3	5	34
K274489		<10	1	0.21	20	0.63	853	1	0.05	3	610	16	0.03	<2	5	24
K274490		<10	<1	0.31	20	0.09	2840	4	0.01	4	600	32	0.10	14	4	51
K274491		<10	<1	0.27	20	0.26	2660	3	0.01	4	600	238	0.17	35	6	68
K274492		<10	1	0.16	20	0.62	649	1	0.03	2	620	23	0.01	4	6	18
K274493		<10	1	0.15	20	0.41	838	1	0.02	2	610	13	0.01	5	8	20
K274494		<10	<1	0.17	20	0.52	558	<1	0.06	3	610	13	0.01	<2	6	30
K274495		<10	<1	0.21	30	0.33	813	<1	0.02	2	580	14	0.03	3	7	19
K274496		<10	1	0.02	<10	12.70	244	<1	0.01	5	200	2	0.02	<2	<1	52
K274497		10	1	0.28	20	0.53	629	<1	0.04	3	650	9	0.01	3	8	33
K274498		<10	<1	0.23	20	0.43	838	<1	0.05	3	630	10	0.02	2	8	46
K274499		<10	1	0.26	30	0.30	1140	<1	0.03	1	600	14	0.03	4	8	32
K274500		<10	<1	0.17	30	0.10	935	1	0.01	1	580	11	0.04	3	9	18
K274501		<10	<1	0.23	20	0.33	729	1	0.01	2	590	14	0.01	5	8	18
K274502		<10	<1	0.15	20	0.09	1205	2	<0.01	3	650	12	0.01	3	10	13
K274503		<10	1	0.17	20	0.11	3090	7	<0.01	2	450	1975	0.22	77	7	19
K274504		<10	6	0.09	<10	0.89	26100	27	<0.01	<1	80	>10000	3.50	1020	2	110
K274505		<10	<1	0.23	20	0.05	2690	2	0.01	2	440	361	0.03	17	5	26
K274506		<10	<1	0.23	20	0.03	3930	2	<0.01	3	410	95	0.04	9	3	23
K274507		<10	<1	0.32	10	0.02	621	1	<0.01	<1	230	352	0.33	12	1	21
K274508		<10	<1	0.44	10	0.02	266	1	<0.01	<1	620	161	0.60	9	3	47
K274509		<10	<1	0.35	20	0.02	546	2	<0.01	2	660	65	0.28	10	5	62
K274510		<10	<1	0.29	20	0.03	1630	2	<0.01	3	690	54	0.18	13	6	25

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 30

CERTIFICATE OF ANALYSIS WH11131544

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K274475		<20	0.01	<10	<10	34	<10	249			
K274476		<20	0.01	<10	<10	35	<10	83			
K274477		<20	0.05	<10	<10	48	<10	66			
K274478		<20	0.03	<10	<10	51	<10	228			
K274479		<20	0.02	<10	<10	49	<10	101			
K274480		<20	0.06	<10	<10	321	<10	7890			
K274481		<20	0.03	<10	<10	46	<10	80			
K274482		<20	0.03	<10	<10	47	<10	56			
K274483		<20	0.03	<10	<10	42	<10	55			
K274484		<20	0.03	<10	<10	44	<10	52			
K274485		<20	0.06	<10	<10	48	<10	47			
K274486		<20	0.03	<10	<10	46	<10	58			
K274487		<20	0.09	<10	<10	50	<10	51			
K274488		<20	0.08	<10	<10	53	<10	62			
K274489		<20	0.03	<10	<10	47	<10	67			
K274490		<20	<0.01	<10	<10	22	<10	477			
K274491		<20	<0.01	<10	<10	31	<10	504			
K274492		<20	0.01	<10	<10	43	<10	80			
K274493		<20	0.01	<10	<10	40	<10	60			
K274494		<20	0.05	<10	<10	48	<10	48			
K274495		<20	0.02	<10	<10	43	<10	53			
K274496		<20	<0.01	<10	<10	2	<10	19			
K274497		<20	0.06	<10	<10	53	<10	47			
K274498		20	0.05	<10	<10	49	<10	49			
K274499		20	0.04	<10	<10	45	<10	60			
K274500		<20	0.02	<10	<10	48	<10	88			
K274501		20	0.05	<10	<10	47	<10	90			
K274502		<20	0.02	<10	<10	41	<10	201			
K274503		<20	<0.01	<10	<10	29	<10	2230			
K274504		<20	<0.01	<10	10	15	30	>10000	983	2.85	2.55
K274505		<20	<0.01	<10	<10	24	<10	1325			
K274506		<20	<0.01	<10	<10	16	<10	1490			
K274507		<20	<0.01	<10	<10	7	<10	848			
K274508		<20	<0.01	<10	<10	14	<10	1150			
K274509		<20	<0.01	<10	10	13	<10	789			
K274510		<20	<0.01	<10	<10	11	<10	555			

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11131545

Project: Klaza- TR- 26

P.O. No.: Batch 6

This report is for 24 Rock samples submitted to our lab in Whitehorse, YT, Canada on 11- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- 31	Pulverize split to 85% < 75 um
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 26

CERTIFICATE OF ANALYSIS WH11131545

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274457		4.72	0.018	0.2	0.99	41	<10	380	<0.5	2	0.29	3.6	9	9	18	2.45
K274458		4.40	0.084	0.2	1.14	33	<10	400	<0.5	<2	0.34	2.5	8	10	13	2.64
K274459		2.80	0.112	0.6	1.13	58	<10	310	<0.5	2	0.35	3.2	8	12	25	2.51
K274460		3.28	0.007	0.3	1.07	25	<10	350	<0.5	<2	0.38	2.3	7	9	14	2.60
K274461		3.64	0.006	0.3	1.12	36	<10	300	<0.5	<2	0.34	2.3	7	10	13	2.54
K274462		3.14	0.072	0.7	1.25	68	<10	360	0.5	3	0.38	3.5	8	13	31	2.74
K274463		4.74	0.081	0.7	1.11	77	<10	280	0.5	3	0.34	5.0	7	13	34	2.56
K274464		4.12	0.033	0.6	1.25	52	<10	270	0.5	<2	0.35	4.2	8	16	28	2.70
K274465		3.82	0.028	0.5	1.08	64	<10	280	<0.5	<2	0.27	3.8	7	11	28	2.50
K274466		4.78	0.051	0.7	1.23	61	<10	270	0.5	<2	0.36	4.5	8	15	31	2.56
K274467		0.22	1.565	31.7	4.75	145	<10	50	<0.5	12	4.47	31.3	82	56	6880	8.01
K274468		4.70	0.032	0.8	1.17	74	<10	240	0.5	<2	0.34	5.1	7	14	42	2.65
K274469		4.08	0.011	0.4	1.19	34	<10	250	<0.5	<2	0.38	2.9	7	10	17	2.41
K274470		5.72	0.040	0.3	1.09	37	<10	320	<0.5	3	0.35	3.3	7	10	15	2.50
K274471		4.46	0.057	0.5	1.16	41	<10	280	<0.5	<2	0.42	3.2	7	12	20	2.54
K274472		3.74	0.036	0.6	1.31	53	<10	300	<0.5	<2	0.40	4.3	8	12	29	2.59
K274473		2.20	<0.005	2.3	0.03	9	<10	30	<0.5	<2	19.6	1.1	1	<1	4	0.46
K274474		4.80	0.025	0.6	1.19	59	<10	360	<0.5	2	0.44	3.5	7	13	23	2.55
K273637		3.88	<0.005	0.5	0.79	17	<10	540	0.5	<2	0.53	6.9	5	6	6	2.64
K273638		4.40	0.021	1.0	0.72	24	<10	540	0.5	<2	0.52	9.4	8	6	9	3.02
K273639		5.88	0.157	1.8	0.70	55	<10	780	0.6	<2	0.25	10.9	13	8	16	4.14
K273640		3.88	0.032	1.0	0.83	32	<10	410	0.7	2	0.33	6.4	9	9	14	3.70
K273641		5.60	1.200	23.8	0.51	897	<10	550	<0.5	18	0.15	18.9	3	4	219	5.89
K274648		4.46	2.50	>100	0.15	7080	<10	70	<0.5	19	5.60	855	<1	<1	568	11.00

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 26

CERTIFICATE OF ANALYSIS WH11131545

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274457		<10	<1	0.19	20	0.41	1005	2	0.05	7	600	65	0.02	<2	5	22
K274458		<10	<1	0.22	20	0.46	766	2	0.08	6	590	43	0.02	<2	5	28
K274459		<10	<1	0.22	20	0.37	757	3	0.06	6	590	106	0.01	2	5	25
K274460		<10	<1	0.19	20	0.48	718	1	0.07	4	610	175	0.02	<2	5	27
K274461		<10	<1	0.18	20	0.48	688	1	0.07	5	620	51	0.01	2	5	26
K274462		<10	<1	0.23	20	0.42	669	3	0.06	6	650	127	0.02	3	6	27
K274463		<10	<1	0.21	20	0.34	598	2	0.05	7	600	139	0.02	5	5	25
K274464		<10	<1	0.21	20	0.36	669	2	0.05	7	620	118	0.01	<2	5	25
K274465		<10	<1	0.25	20	0.30	694	2	0.04	5	610	102	0.01	2	5	21
K274466		<10	<1	0.21	20	0.35	721	2	0.05	7	650	118	0.01	4	5	27
K274467		<10	1	0.23	<10	1.12	602	42	0.33	306	660	8070	7.16	25	4	79
K274468		<10	<1	0.21	20	0.34	614	2	0.05	6	650	121	0.01	3	5	25
K274469		<10	<1	0.19	20	0.50	535	1	0.08	5	570	51	0.01	2	5	27
K274470		<10	<1	0.17	20	0.47	770	3	0.06	5	590	60	0.02	2	5	28
K274471		<10	<1	0.17	20	0.47	598	1	0.07	6	590	65	0.01	<2	4	30
K274472		<10	<1	0.19	20	0.52	609	2	0.07	7	650	71	0.02	2	6	30
K274473		<10	<1	0.01	<10	12.15	219	<1	0.02	3	160	194	0.02	<2	<1	52
K274474		<10	<1	0.20	20	0.47	654	2	0.06	6	590	89	0.01	2	4	28
K273637		<10	<1	0.31	20	0.13	1140	3	0.03	4	570	133	0.09	2	5	22
K273638		<10	<1	0.33	30	0.17	1490	3	0.02	3	580	288	0.09	<2	4	28
K273639		<10	<1	0.28	30	0.10	1595	5	0.02	3	540	632	0.11	<2	5	23
K273640		<10	<1	0.29	20	0.15	1645	3	0.03	4	610	429	0.04	<2	5	22
K273641		<10	<1	0.36	20	0.04	669	7	0.01	<1	360	3290	0.40	34	3	18
K274648		<10	6	0.07	<10	1.83	6210	6	0.02	<1	30	>10000	9.93	593	1	125

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 26

CERTIFICATE OF ANALYSIS WH11131545

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K274457		<20	0.03	<10	<10	41	<10	282			
K274458		<20	0.04	<10	<10	46	<10	177			
K274459		<20	0.04	<10	<10	43	<10	273			
K274460		<20	0.05	<10	<10	46	<10	261			
K274461		<20	0.04	<10	<10	46	<10	187			
K274462		<20	0.04	<10	<10	47	<10	329			
K274463		<20	0.04	<10	<10	41	<10	388			
K274464		<20	0.05	<10	<10	49	<10	314			
K274465		<20	0.02	<10	<10	39	<10	335			
K274466		<20	0.05	<10	<10	45	<10	355			
K274467		<20	0.05	<10	<10	306	<10	7540			
K274468		<20	0.04	<10	<10	45	<10	383			
K274469		<20	0.06	<10	<10	46	<10	217			
K274470		<20	0.04	<10	<10	44	<10	233			
K274471		<20	0.08	<10	<10	48	<10	228			
K274472		<20	0.05	<10	<10	51	<10	296			
K274473		<20	<0.01	<10	10	2	<10	101			
K274474		<20	0.07	<10	<10	48	<10	251			
K273637		<20	0.01	<10	<10	32	<10	395			
K273638		<20	0.01	<10	<10	27	<10	650			
K273639		<20	0.01	<10	<10	27	<10	1050			
K273640		<20	0.01	<10	<10	32	<10	683			
K273641		<20	<0.01	<10	<10	12	<10	1455			
K274648		<20	<0.01	<10	10	5	40	>10000	1250	14.30	6.73

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VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11131546

Project: Klaza- DDH- 17

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11131546

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271456		7.74	<0.005	0.4	0.89	20	<10	180	0.5	<2	2.14	<0.5	6	11	7	2.87
K271457		5.86	<0.005	0.2	1.37	50	<10	120	0.7	<2	1.78	<0.5	7	9	7	3.13
K271458		6.30	0.019	0.8	0.52	25	<10	130	<0.5	2	2.37	2.3	23	4	11	2.75
K271459		9.32	0.005	0.4	1.24	12	<10	130	0.5	<2	2.88	<0.5	14	8	7	2.59
K271460		11.34	<0.005	0.3	1.19	12	<10	120	0.5	<2	2.27	<0.5	9	10	7	2.75
K271461		0.20	1.450	33.0	4.72	146	<10	40	<0.5	26	4.63	31.3	85	55	6910	8.26
K271462		10.54	<0.005	0.7	1.28	10	<10	150	<0.5	2	1.73	1.5	6	12	19	2.75
K271463		12.34	<0.005	0.2	1.22	16	<10	120	<0.5	<2	1.48	<0.5	7	11	8	2.81
K271464		11.38	<0.005	0.2	1.34	9	<10	210	<0.5	<2	1.60	<0.5	7	11	7	2.85
K271465		10.36	<0.005	0.3	1.11	11	<10	150	<0.5	5	1.87	<0.5	6	8	5	2.59
K271466		11.76	<0.005	0.3	1.16	5	<10	150	<0.5	<2	1.35	<0.5	7	9	10	2.65
K271467		5.18	0.006	0.5	1.20	29	<10	210	0.5	<2	2.51	0.7	7	9	12	2.71
K271468		0.20	1.545	32.6	4.80	153	<10	50	<0.5	18	4.72	31.4	86	58	7100	8.40
K271469		5.58	0.006	0.4	1.08	10	<10	310	0.5	<2	1.95	<0.5	6	7	18	2.56
K271470		7.58	<0.005	0.3	0.88	12	<10	220	<0.5	<2	1.65	<0.5	6	8	8	2.36
K271471		7.74	0.009	0.3	0.86	18	<10	220	<0.5	<2	1.65	<0.5	6	10	6	2.55
K271472		3.04	<0.005	0.3	0.94	3	<10	170	<0.5	<2	1.65	<0.5	4	8	5	2.56
K271473		10.34	0.012	0.9	0.61	42	<10	670	0.5	2	3.47	<0.5	4	5	2	2.56
K271474		2.30	<0.005	0.3	0.05	<2	<10	20	<0.5	<2	20.4	<0.5	2	1	2	0.46
K271475		7.24	0.009	0.5	0.83	26	<10	660	0.5	<2	2.60	<0.5	5	7	3	2.44
K271476		7.12	<0.005	0.3	0.90	5	<10	1180	<0.5	<2	1.77	<0.5	4	9	3	2.46
K271477		7.18	0.007	0.6	0.61	16	<10	60	0.5	2	3.56	<0.5	13	5	3	2.62
K271478		11.54	<0.005	0.4	0.94	<2	<10	200	<0.5	<2	1.51	<0.5	5	10	10	2.55
K271479		11.98	<0.005	0.2	1.17	4	<10	280	<0.5	<2	2.01	<0.5	6	11	10	2.75
K271480		5.50	<0.005	0.3	1.04	7	<10	210	<0.5	<2	1.68	<0.5	6	9	12	2.63
K271481		7.14	<0.005	<0.2	0.97	4	<10	120	<0.5	<2	1.28	<0.5	6	9	7	2.48
K271482		7.10	0.005	0.3	1.05	10	<10	230	0.5	<2	2.17	<0.5	6	8	6	2.60
K271483		6.80	0.435	39.1	0.43	413	<10	50	0.6	6	2.14	60.4	5	5	187	3.63
K271484		2.64	<0.005	0.2	0.05	<2	<10	20	<0.5	<2	20.6	<0.5	2	1	2	0.43
K271485		3.48	<0.005	0.2	1.09	7	<10	90	0.6	<2	1.76	<0.5	8	7	6	2.68
K271486		10.82	<0.005	0.2	1.24	13	<10	110	0.6	<2	2.42	<0.5	7	8	7	2.69
K271487		13.30	<0.005	0.2	1.28	8	<10	320	0.6	<2	1.89	<0.5	6	9	5	2.68
K271488		7.16	<0.005	<0.2	0.96	3	<10	180	<0.5	<2	1.73	<0.5	7	8	13	2.49
K271489		8.24	0.084	1.3	0.56	190	<10	110	0.7	3	2.81	3.7	6	5	14	2.63
K271490		8.90	0.083	1.5	0.36	30	<10	70	0.6	<2	1.93	<0.5	7	3	9	2.14
K271491		4.36	0.166	2.2	0.50	104	<10	50	0.7	<2	1.72	0.6	7	4	17	2.69

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11131546

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271456		<10	1	0.16	20	0.76	673	1	0.05	2	650	12	0.07	<2	7	78
K271457		10	<1	0.16	20	0.69	493	1	0.04	2	650	9	0.10	<2	8	71
K271458		<10	<1	0.25	20	0.55	949	5	<0.01	1	590	12	1.19	<2	4	60
K271459		<10	<1	0.26	20	0.61	673	1	0.01	1	610	8	0.67	<2	5	66
K271460		<10	<1	0.13	20	0.78	526	2	0.02	1	620	7	0.19	<2	6	63
K271461		10	1	0.23	<10	1.15	606	49	0.32	312	660	8210	7.55	24	4	78
K271462		10	<1	0.17	20	0.77	535	1	0.07	1	590	172	0.11	<2	6	62
K271463		10	<1	0.12	20	0.79	542	1	0.04	1	550	9	0.07	<2	6	54
K271464		10	<1	0.18	20	0.81	544	1	0.08	1	590	11	0.04	<2	6	59
K271465		<10	<1	0.11	20	0.76	514	1	0.04	1	590	16	0.06	<2	5	69
K271466		10	<1	0.14	20	0.67	434	1	0.07	1	560	11	0.02	<2	5	63
K271467		<10	<1	0.15	20	0.68	856	1	0.02	1	580	78	0.21	<2	5	95
K271468		10	1	0.24	10	1.18	619	48	0.32	323	680	8370	7.69	28	4	80
K271469		<10	<1	0.17	20	0.73	511	1	0.05	1	560	16	0.08	<2	6	72
K271470		<10	<1	0.12	20	0.69	490	1	0.04	1	540	9	0.06	<2	5	60
K271471		<10	<1	0.18	20	0.66	546	1	0.06	<1	550	11	0.12	<2	6	74
K271472		<10	<1	0.12	20	0.67	484	<1	0.04	1	570	6	0.01	<2	6	64
K271473		<10	<1	0.27	30	0.95	817	<1	0.03	1	580	7	0.53	<2	5	96
K271474		<10	<1	0.02	<10	12.40	204	<1	<0.01	<1	220	3	0.07	<2	<1	52
K271475		<10	<1	0.21	30	0.66	506	<1	0.05	<1	590	7	0.35	<2	6	84
K271476		<10	<1	0.13	20	0.70	471	<1	0.06	1	600	6	0.18	<2	6	108
K271477		<10	<1	0.27	20	0.99	1120	2	0.01	1	560	12	1.55	<2	5	88
K271478		<10	<1	0.13	20	0.67	499	<1	0.05	1	560	9	0.02	<2	6	57
K271479		10	<1	0.17	20	0.72	556	1	0.07	1	590	9	0.04	<2	6	73
K271480		10	<1	0.12	20	0.71	488	1	0.05	1	580	7	0.04	<2	6	62
K271481		<10	<1	0.11	10	0.65	388	1	0.05	1	560	7	0.02	<2	5	46
K271482		<10	<1	0.18	20	0.72	515	1	0.06	1	570	10	0.06	<2	7	82
K271483		<10	<1	0.23	10	0.58	1305	1	<0.01	1	460	6260	2.82	51	5	59
K271484		<10	<1	0.02	<10	12.35	186	<1	<0.01	<1	210	15	0.09	<2	<1	53
K271485		<10	<1	0.10	20	0.64	414	1	0.01	2	650	11	0.10	<2	7	65
K271486		10	<1	0.12	20	0.71	526	2	0.02	1	600	16	0.06	<2	7	97
K271487		<10	<1	0.16	20	0.73	485	1	0.02	1	600	8	0.35	<2	6	66
K271488		<10	<1	0.13	20	0.67	499	1	0.05	4	570	12	0.13	<2	6	56
K271489		<10	<1	0.27	20	0.65	1200	<1	0.02	2	510	204	1.12	6	6	102
K271490		<10	<1	0.20	20	0.54	354	1	0.01	2	540	24	1.44	7	3	74
K271491		<10	<1	0.29	20	0.52	727	<1	0.01	3	500	64	2.28	13	2	53

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11131546

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271456		<20	0.02	<10	<10	45	<10	51	1
K271457		<20	0.01	<10	<10	44	<10	42	<1
K271458		<20	<0.01	<10	<10	16	<10	169	1
K271459		20	<0.01	<10	<10	34	<10	34	1
K271460		<20	0.02	<10	<10	48	<10	36	2
K271461		<20	0.06	<10	<10	306	<10	7180	31
K271462		<20	0.04	<10	<10	51	<10	133	1
K271463		<20	0.03	<10	<10	52	<10	39	<1
K271464		20	0.05	<10	<10	54	<10	42	1
K271465		<20	0.03	<10	<10	47	<10	51	<1
K271466		<20	0.06	<10	<10	48	<10	32	<1
K271467		<20	0.01	<10	<10	39	<10	114	<1
K271468		<20	0.06	<10	<10	314	<10	7340	30
K271469		20	0.02	<10	<10	42	<10	45	1
K271470		<20	0.03	<10	<10	39	<10	33	2
K271471		<20	0.02	<10	<10	38	<10	31	<1
K271472		<20	0.03	<10	<10	43	<10	36	<1
K271473		<20	<0.01	<10	<10	20	<10	39	<1
K271474		<20	<0.01	<10	10	1	<10	17	<1
K271475		<20	<0.01	<10	<10	34	<10	36	<1
K271476		<20	0.04	<10	<10	45	<10	33	<1
K271477		<20	<0.01	<10	<10	18	<10	32	<1
K271478		20	0.04	<10	<10	44	<10	34	1
K271479		<20	0.04	<10	<10	50	<10	35	<1
K271480		<20	0.05	<10	<10	49	<10	33	<1
K271481		<20	0.07	<10	<10	49	<10	29	<1
K271482		<20	0.02	<10	<10	43	<10	35	<1
K271483		<20	<0.01	<10	<10	17	<10	4890	37
K271484		<20	<0.01	<10	10	1	<10	25	<1
K271485		20	0.01	<10	<10	40	<10	31	<1
K271486		<20	0.01	<10	<10	44	<10	38	<1
K271487		<20	<0.01	<10	<10	42	<10	34	<1
K271488		<20	0.02	<10	<10	41	<10	39	<1
K271489		<20	<0.01	<10	<10	24	<10	351	<1
K271490		<20	<0.01	<10	<10	12	<10	32	1
K271491		<20	<0.01	<10	<10	6	<10	116	1

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11131547

Project: Klaza DDH- 19

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11131547

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272085		10.92	<0.005	<0.2	1.08	9	<10	160	<0.5	<2	1.68	<0.5	6	9	16	2.71
K272086		4.68	<0.005	<0.2	1.30	5	<10	130	0.5	<2	1.12	<0.5	6	8	19	2.54
K272087		9.62	<0.005	<0.2	0.76	8	<10	160	0.5	<2	1.94	<0.5	7	6	13	2.60
K272088		4.86	0.006	0.7	0.71	17	<10	230	0.6	<2	2.03	7.6	6	5	23	2.58
K272089		10.34	<0.005	<0.2	0.76	9	<10	220	0.5	2	1.69	<0.5	10	6	18	2.59
K272090		6.00	<0.005	<0.2	0.85	6	<10	730	0.7	<2	1.56	<0.5	6	4	9	2.47
K272091		0.22	1.310	32.8	4.80	152	<10	40	<0.5	<2	4.60	31.9	85	54	7240	8.22
K272092		6.40	<0.005	<0.2	1.06	4	<10	350	0.6	<2	1.82	<0.5	6	5	24	2.78
K272093		5.76	<0.005	<0.2	1.06	5	<10	850	0.7	<2	1.57	<0.5	7	5	11	2.77
K272094		3.76	0.104	6.3	0.58	487	<10	50	0.7	<2	2.43	66.1	8	3	35	3.43
K272095		10.28	0.017	0.2	0.83	112	<10	1750	0.7	<2	2.19	<0.5	6	4	9	2.53
K272096		11.72	<0.005	0.2	0.69	20	<10	440	0.6	<2	2.15	2.0	5	4	7	2.52
K272097		5.86	<0.005	0.2	0.66	12	<10	620	0.6	<2	2.02	1.4	8	5	7	2.47
K272098		9.46	<0.005	<0.2	0.99	3	<10	260	<0.5	<2	1.35	<0.5	7	9	11	2.58
K272099		4.46	<0.005	<0.2	0.92	5	<10	300	<0.5	<2	1.55	<0.5	7	7	8	2.50
K272100		4.18	0.568	1.7	0.44	3360	<10	190	0.8	<2	2.51	4.3	7	3	7	3.11
K272101		2.94	<0.005	<0.2	0.03	7	<10	20	<0.5	<2	18.6	<0.5	2	<1	1	0.44
K272102		4.70	<0.005	<0.2	0.43	40	<10	1110	0.6	<2	3.39	<0.5	7	5	7	2.53
K272103		9.90	<0.005	<0.2	1.01	7	<10	200	<0.5	<2	1.26	<0.5	8	9	17	2.54
K272104		12.44	0.011	<0.2	1.09	4	<10	180	<0.5	<2	1.41	<0.5	7	9	11	2.63
K272105		4.28	0.073	6.7	0.59	235	<10	90	0.6	<2	2.12	15.5	7	5	65	3.42
K272106		7.16	<0.005	<0.2	1.00	4	<10	140	<0.5	<2	1.32	<0.5	7	9	3	2.68
K272107		8.18	<0.005	0.6	0.90	9	<10	470	<0.5	<2	1.76	1.2	7	8	3	2.54
K272108		0.20	1.640	32.1	4.69	142	<10	50	<0.5	12	4.55	32.5	84	55	6850	8.41
K272109		5.02	0.401	5.3	0.20	193	<10	50	<0.5	3	1.41	11.8	26	4	43	3.97
K272110		5.34	0.028	1.5	0.58	36	<10	140	<0.5	<2	2.07	8.9	9	5	12	2.70
K272111		7.30	0.513	8.6	0.86	893	<10	180	<0.5	2	1.64	4.0	9	7	412	3.17
K272112		2.00	<0.005	<0.2	0.03	2	<10	10	<0.5	<2	19.7	<0.5	2	<1	3	0.46
K272113		12.44	<0.005	<0.2	1.14	6	<10	200	<0.5	<2	1.33	<0.5	8	9	11	2.64
K272114		13.58	0.015	0.7	1.11	6	<10	160	<0.5	2	1.41	0.6	7	9	15	2.53
K272115		9.50	0.022	<0.2	1.31	8	<10	200	<0.5	<2	1.14	<0.5	7	10	15	2.65
K272116		5.66	0.013	2.0	1.13	7	<10	270	<0.5	<2	1.30	0.8	7	9	15	2.78
K272117		6.18	0.807	28.6	0.43	1275	<10	40	0.7	<2	2.21	87.2	17	4	143	4.76
K272118		4.92	<0.005	<0.2	1.19	9	<10	200	<0.5	<2	1.36	<0.5	6	10	8	2.93
K272119		13.50	<0.005	<0.2	0.95	14	<10	240	<0.5	<2	1.37	<0.5	7	9	9	2.58
K272120		13.52	0.005	<0.2	1.13	6	<10	180	<0.5	<2	1.43	<0.5	7	9	9	2.60

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CERTIFICATE OF ANALYSIS WH11131547

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272085		10	<1	0.16	20	0.66	586	1	0.08	2	610	10	0.05	<2	6	65
K272086		10	<1	0.14	20	0.66	344	1	0.08	2	620	12	0.01	<2	3	46
K272087		10	<1	0.15	20	0.68	584	1	0.06	1	600	8	0.06	<2	7	80
K272088		<10	<1	0.19	20	0.64	748	1	0.05	1	600	206	0.21	<2	7	77
K272089		<10	<1	0.15	20	0.60	525	1	0.06	2	600	9	0.08	<2	7	80
K272090		<10	1	0.19	20	0.50	691	<1	0.02	2	610	17	0.15	2	9	57
K272091		10	2	0.24	10	1.15	619	46	0.34	310	680	8310	7.40	30	4	77
K272092		10	<1	0.18	20	0.55	511	<1	0.05	2	620	19	0.03	2	7	84
K272093		<10	<1	0.18	20	0.52	573	<1	0.03	1	640	10	0.10	<2	9	76
K272094		<10	1	0.23	20	0.80	1525	1	0.01	2	560	941	1.46	7	7	66
K272095		<10	<1	0.23	20	0.69	764	1	0.03	2	540	19	0.21	6	7	88
K272096		<10	<1	0.23	20	0.67	1215	<1	0.03	1	530	46	0.21	2	6	70
K272097		<10	<1	0.22	20	0.61	1020	2	0.03	2	510	48	0.14	<2	6	72
K272098		<10	<1	0.17	20	0.67	601	2	0.06	<1	570	11	0.03	<2	6	57
K272099		<10	<1	0.20	20	0.55	627	2	0.05	1	570	11	0.02	<2	6	59
K272100		<10	<1	0.23	10	0.74	1725	15	0.01	<1	450	136	1.30	18	5	76
K272101		<10	<1	0.02	<10	12.00	200	1	0.01	1	180	<2	0.06	<2	<1	48
K272102		<10	<1	0.21	20	1.05	943	2	0.02	<1	490	28	0.23	2	7	111
K272103		<10	<1	0.16	10	0.61	457	2	0.07	1	570	10	0.07	<2	5	46
K272104		<10	<1	0.15	20	0.68	596	2	0.08	1	570	13	0.04	<2	6	46
K272105		<10	<1	0.22	10	0.75	1775	2	0.02	<1	570	1495	1.26	10	6	62
K272106		<10	<1	0.12	20	0.70	455	1	0.08	1	600	12	0.07	<2	6	50
K272107		<10	<1	0.16	20	0.63	653	1	0.05	1	600	292	0.24	<2	6	69
K272108		<10	<1	0.23	<10	1.12	615	44	0.32	298	640	8290	6.87	30	4	73
K272109		<10	<1	0.20	<10	0.37	2320	19	0.01	<1	330	616	3.62	5	1	17
K272110		<10	<1	0.23	10	0.65	1915	2	0.03	1	550	324	1.00	<2	5	69
K272111		<10	<1	0.18	20	0.61	1400	3	0.05	1	560	229	1.04	20	5	52
K272112		<10	<1	0.02	<10	11.90	211	1	0.01	<1	150	3	0.07	<2	<1	44
K272113		<10	<1	0.17	10	0.66	462	3	0.08	<1	620	12	0.03	<2	5	50
K272114		10	<1	0.15	20	0.65	627	2	0.06	1	580	60	0.07	<2	4	52
K272115		10	<1	0.15	10	0.70	405	2	0.08	<1	610	13	0.04	<2	3	55
K272116		10	<1	0.19	20	0.66	487	2	0.08	1	600	901	0.12	<2	5	56
K272117		<10	<1	0.27	10	0.52	2290	2	0.01	1	500	6650	4.27	24	4	65
K272118		10	<1	0.17	20	0.68	500	2	0.09	<1	590	19	0.08	<2	6	72
K272119		<10	<1	0.17	20	0.61	594	2	0.08	1	580	29	0.09	<2	5	60
K272120		<10	<1	0.17	20	0.67	722	2	0.08	<1	580	14	0.06	<2	5	54

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 19

CERTIFICATE OF ANALYSIS WH11131547

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272085		<20	0.05	<10	<10	48	<10	39	<1
K272086		20	0.14	<10	<10	56	<10	63	<1
K272087		<20	0.02	<10	<10	40	<10	37	1
K272088		<20	0.02	<10	<10	37	<10	440	1
K272089		<20	0.03	<10	<10	42	<10	37	1
K272090		<20	<0.01	<10	<10	35	<10	44	<1
K272091		<20	0.06	<10	<10	323	<10	7500	31
K272092		20	0.04	<10	<10	47	<10	54	2
K272093		20	0.02	<10	<10	46	<10	48	<1
K272094		<20	<0.01	<10	<10	28	<10	3860	6
K272095		<20	0.01	<10	<10	35	<10	50	<1
K272096		20	0.01	<10	<10	30	<10	174	<1
K272097		<20	0.01	<10	<10	30	<10	136	<1
K272098		<20	0.04	<10	<10	45	<10	40	<1
K272099		<20	0.06	<10	<10	44	<10	35	<1
K272100		<20	<0.01	<10	<10	17	<10	339	2
K272101		<20	<0.01	<10	20	1	<10	16	<1
K272102		<20	<0.01	<10	<10	32	<10	49	<1
K272103		<20	0.06	<10	<10	48	<10	32	<1
K272104		<20	0.07	<10	<10	52	<10	39	<1
K272105		<20	0.01	<10	<10	28	<10	1195	6
K272106		<20	0.04	<10	<10	53	<10	35	<1
K272107		<20	0.02	<10	<10	44	<10	121	1
K272108		<20	0.05	<10	<10	309	10	7280	30
K272109		<20	<0.01	<10	<10	6	<10	1180	6
K272110		<20	0.01	<10	<10	26	<10	703	1
K272111		<20	0.02	<10	<10	37	<10	376	8
K272112		<20	<0.01	<10	20	2	<10	19	<1
K272113		<20	0.08	<10	<10	53	<10	34	<1
K272114		<20	0.08	<10	<10	49	<10	80	1
K272115		<20	0.13	<10	<10	55	<10	33	<1
K272116		<20	0.09	<10	<10	56	<10	108	2
K272117		<20	<0.01	<10	<10	13	<10	8570	30
K272118		<20	0.05	<10	<10	52	<10	43	<1
K272119		<20	0.06	<10	<10	48	<10	57	<1
K272120		<20	0.08	<10	<10	50	<10	43	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11131580

Project: Klaza TR- 26

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11131580

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274421		2.86	0.188	1.9	0.93	86	<10	380	0.7	<2	0.31	16.7	8	9	62	3.48
K274422		3.04	0.104	1.2	1.08	103	<10	310	0.6	<2	0.34	9.3	9	12	49	2.93
K274423		3.94	0.094	1.6	1.04	80	<10	370	0.6	2	0.33	8.5	7	11	49	2.96
K274424		1.78	0.020	0.3	0.80	21	<10	300	0.5	<2	0.23	14.0	5	7	18	2.43
K274425		6.12	0.010	0.2	1.02	15	<10	300	<0.5	<2	0.41	1.1	8	8	9	2.37
K274426		0.22	1.495	31.4	4.76	142	<10	40	<0.5	18	4.28	31.3	85	55	6980	8.29
K274427		5.68	<0.005	0.2	1.13	13	<10	270	<0.5	<2	0.54	0.9	7	9	8	2.37
K274428		3.02	0.005	0.3	1.05	21	<10	520	<0.5	<2	0.37	2.4	7	9	8	2.65
K274429		2.94	0.030	0.4	1.14	23	<10	330	<0.5	<2	0.43	2.4	8	10	13	2.62
K274430		2.52	0.161	2.1	0.66	565	<10	220	0.8	<2	0.20	12.2	5	4	257	3.67
K274431		3.24	0.686	7.6	0.54	1735	<10	820	<0.5	4	0.14	30.2	3	5	460	4.77
K274432		3.16	0.242	4.5	0.63	1595	<10	710	<0.5	2	0.15	32.4	5	5	613	5.70
K274433		3.98	0.374	1.9	0.82	487	<10	380	0.7	<2	0.16	16.7	4	5	616	4.62
K274434		0.96	0.006	<0.2	0.08	20	<10	20	<0.5	<2	18.1	<0.5	2	1	12	0.48
K274435		4.08	0.159	1.0	1.17	175	<10	430	0.9	<2	0.30	11.6	6	6	490	3.49
K274436		5.62	0.172	2.5	0.68	269	<10	480	0.8	<2	0.21	11.2	6	5	160	3.49
K274437		5.00	0.631	6.2	0.48	474	<10	550	0.6	4	0.11	15.2	4	4	162	5.34
K274438		3.12	0.060	1.3	0.75	303	<10	570	0.8	<2	0.20	11.9	8	6	159	3.50
K274439		2.20	0.026	0.6	0.82	293	<10	340	0.7	<2	0.24	8.0	4	5	76	2.93
K274440		5.68	0.161	0.7	0.66	251	<10	1090	0.7	<2	0.18	14.2	6	5	88	3.36
K274441		2.28	0.057	1.3	0.64	328	<10	930	0.7	<2	0.15	22.4	7	4	163	5.08
K274442		2.76	0.051	1.1	1.19	209	<10	400	0.9	<2	0.26	12.7	8	6	173	4.75
K274443		4.34	0.047	0.9	1.43	192	<10	300	0.7	<2	0.30	8.2	8	8	100	3.46
K274444		3.42	0.445	4.6	0.73	420	<10	700	0.8	4	0.19	19.2	10	6	236	4.95
K274445		4.24	0.364	2.5	0.76	442	<10	300	0.6	3	0.18	13.4	5	7	138	4.04
K274446		2.16	0.829	3.3	0.96	867	<10	570	0.7	3	0.24	17.4	6	11	183	3.81
K274447		3.72	0.481	0.9	1.40	105	<10	330	0.5	<2	0.39	3.7	8	18	32	2.66
K274448		3.08	0.075	0.9	1.37	95	<10	310	0.5	2	0.36	3.8	8	16	24	2.58
K274449		4.84	0.038	0.8	1.37	62	<10	250	0.5	<2	0.39	2.8	7	17	26	2.53
K274450		4.68	0.071	1.0	1.35	67	<10	290	0.5	<2	0.39	2.8	8	18	29	2.58
K274451		5.12	0.054	0.8	1.37	59	<10	270	0.5	<2	0.39	3.3	8	17	28	2.65
K274452		3.42	0.052	0.9	1.36	59	<10	250	0.5	2	0.37	3.3	8	16	29	2.61
K274453		4.94	0.047	0.8	1.35	51	<10	280	0.5	<2	0.38	2.9	8	17	27	2.59
K274454		2.80	0.070	1.1	1.37	77	<10	260	0.5	<2	0.37	2.9	8	18	33	2.64
K274455		3.38	0.076	1.1	1.31	78	<10	320	0.5	2	0.38	3.2	8	15	30	2.77
K274456		3.34	0.124	1.1	1.23	89	<10	310	0.5	<2	0.33	4.3	7	14	32	2.64

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11131580

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274421		<10	<1	0.28	30	0.16	1190	3	0.03	4	650	360	0.03	5	6	19
K274422		<10	1	0.20	20	0.30	962	3	0.04	6	650	214	0.02	6	6	23
K274423		<10	1	0.21	20	0.20	823	2	0.03	10	630	233	0.02	4	6	23
K274424		<10	<1	0.19	20	0.07	1195	1	0.01	4	560	40	0.01	3	7	17
K274425		<10	<1	0.17	20	0.51	539	1	0.07	4	530	20	0.04	<2	5	25
K274426		10	1	0.24	10	1.12	617	49	0.33	298	650	8090	7.07	26	4	77
K274427		<10	<1	0.16	20	0.55	411	1	0.08	3	550	20	0.03	<2	5	28
K274428		<10	<1	0.20	20	0.46	664	1	0.07	4	570	33	0.04	<2	5	28
K274429		<10	1	0.16	20	0.52	703	1	0.06	4	610	91	0.01	<2	5	28
K274430		<10	<1	0.23	30	0.06	855	5	0.01	4	510	290	0.07	14	7	25
K274431		<10	1	0.34	20	0.05	2950	14	0.01	3	380	1720	0.33	51	2	44
K274432		<10	<1	0.33	30	0.06	1435	9	0.01	2	560	482	0.17	27	4	27
K274433		<10	<1	0.26	20	0.05	929	10	0.01	4	560	231	0.13	27	7	28
K274434		<10	<1	0.04	<10	11.00	210	<1	0.01	1	170	13	0.02	<2	<1	48
K274435		<10	<1	0.24	20	0.20	1020	5	0.02	6	600	106	0.03	15	7	18
K274436		<10	<1	0.24	20	0.06	1180	4	0.01	4	570	344	0.03	11	6	14
K274437		<10	<1	0.26	20	0.03	1710	6	0.01	1	420	1100	0.06	19	4	12
K274438		<10	<1	0.20	20	0.05	1380	4	0.01	4	590	263	0.03	9	8	15
K274439		<10	<1	0.17	20	0.08	440	2	0.01	2	600	98	0.02	5	8	12
K274440		<10	1	0.21	30	0.03	1245	4	0.01	2	580	125	0.04	9	7	19
K274441		<10	<1	0.26	20	0.04	3440	6	0.01	2	530	506	0.03	9	6	16
K274442		<10	1	0.23	20	0.24	1240	10	0.01	3	640	252	0.02	6	8	15
K274443		<10	<1	0.21	20	0.46	737	3	0.03	5	610	141	0.03	6	7	21
K274444		<10	<1	0.28	20	0.10	1920	4	0.02	2	540	486	0.05	10	5	19
K274445		<10	1	0.29	20	0.11	597	3	0.02	2	490	389	0.06	7	5	19
K274446		<10	1	0.30	30	0.16	661	3	0.02	5	560	346	0.05	16	5	25
K274447		<10	<1	0.22	20	0.38	693	2	0.05	7	640	150	0.02	3	5	28
K274448		<10	<1	0.22	20	0.37	715	5	0.05	7	620	143	0.02	4	5	26
K274449		<10	<1	0.21	20	0.37	580	3	0.05	7	630	140	0.01	2	5	26
K274450		<10	<1	0.20	20	0.35	670	2	0.04	8	620	158	0.01	<2	5	27
K274451		<10	1	0.22	20	0.37	644	2	0.05	7	650	146	0.01	3	6	27
K274452		<10	<1	0.21	20	0.37	501	2	0.05	7	620	153	0.01	2	5	27
K274453		<10	<1	0.22	20	0.34	532	2	0.04	8	620	145	0.02	<2	5	26
K274454		<10	<1	0.21	20	0.33	561	2	0.04	8	640	170	0.01	3	6	26
K274455		<10	<1	0.21	20	0.38	565	2	0.06	7	630	139	0.02	4	6	28
K274456		<10	<1	0.22	20	0.35	716	2	0.05	7	620	150	0.02	4	5	24

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Finalized Date: 15- AUG- 2011
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Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11131580

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274421		<20	0.01	<10	<10	34	<10	1275
K274422		<20	0.03	<10	<10	40	<10	756
K274423		<20	0.02	<10	<10	40	<10	912
K274424		<20	0.01	<10	<10	39	<10	723
K274425		<20	0.05	<10	<10	46	<10	93
K274426		<20	0.06	<10	<10	310	10	7230
K274427		<20	0.05	<10	<10	47	<10	77
K274428		<20	0.05	<10	<10	43	<10	154
K274429		<20	0.06	<10	<10	49	<10	231
K274430		<20	<0.01	<10	10	23	<10	1565
K274431		<20	<0.01	<10	<10	11	<10	1080
K274432		<20	<0.01	<10	<10	17	<10	1390
K274433		<20	<0.01	<10	10	28	<10	1925
K274434		<20	<0.01	<10	<10	1	<10	43
K274435		<20	<0.01	<10	<10	32	<10	1485
K274436		<20	<0.01	<10	<10	28	<10	1740
K274437		<20	<0.01	<10	<10	15	<10	1695
K274438		<20	<0.01	<10	<10	35	<10	1605
K274439		<20	<0.01	<10	<10	36	<10	1290
K274440		<20	<0.01	<10	<10	29	<10	1440
K274441		<20	<0.01	<10	<10	26	<10	1735
K274442		<20	<0.01	<10	<10	38	<10	1865
K274443		<20	0.01	<10	<10	43	<10	973
K274444		<20	<0.01	<10	<10	24	<10	1580
K274445		<20	0.01	<10	<10	26	<10	1060
K274446		<20	0.02	<10	<10	30	<10	1160
K274447		<20	0.06	<10	<10	47	<10	337
K274448		<20	0.05	<10	<10	45	<10	298
K274449		<20	0.06	<10	<10	46	<10	255
K274450		<20	0.06	<10	<10	45	<10	275
K274451		<20	0.06	<10	<10	47	<10	309
K274452		<20	0.05	<10	<10	46	<10	322
K274453		<20	0.05	<10	<10	44	<10	311
K274454		<20	0.05	<10	<10	46	<10	337
K274455		<20	0.05	<10	<10	47	<10	348
K274456		<20	0.04	<10	<10	43	<10	349

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
This copy reported on 18- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11131581

Project: Klaza- TR- 30

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 30

CERTIFICATE OF ANALYSIS WH11131581

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274511		4.92	0.083	1.1	0.71	428	<10	330	<0.5	<2	0.22	0.9	5	2	10	4.99
K274512		3.42	0.280	2.2	0.74	1620	<10	500	0.6	<2	0.16	6.7	4	2	15	5.07
K274513		3.08	0.024	1.1	0.81	154	<10	320	0.7	2	0.22	6.3	9	6	12	3.33
K274514		4.18	0.016	0.6	0.65	99	<10	990	0.6	<2	7.9	2.9	4	4	7	2.62
K274515		4.56	0.027	0.5	0.77	185	<10	440	1.0	<2	0.85	2.3	8	4	13	3.11
K274516		4.16	<0.005	0.2	0.91	23	<10	410	0.6	<2	0.74	1.3	8	6	15	3.01
K274517		3.84	0.005	0.2	0.90	25	<10	380	0.7	<2	0.76	1.5	7	6	11	2.87
K274518		4.30	0.005	0.2	1.14	18	<10	520	<0.5	<2	0.59	1.0	7	8	9	2.94
K274519		0.22	1.555	33.5	5.02	152	<10	60	<0.5	<2	4.76	33.2	86	60	7290	8.50
K274520		4.38	<0.005	0.3	1.07	14	<10	460	0.7	<2	0.30	0.5	7	7	37	3.18
K274521		4.62	0.005	0.2	0.89	12	<10	230	0.7	<2	0.42	0.6	6	7	23	2.93
K274522		4.54	<0.005	<0.2	1.14	7	<10	490	0.5	<2	0.68	0.5	6	8	20	3.04
K274523		5.12	<0.005	0.3	1.12	9	<10	370	0.5	<2	0.83	<0.5	7	8	49	3.17
K274524		4.76	<0.005	0.2	1.04	6	<10	290	0.5	<2	0.51	<0.5	6	7	29	2.98
K274525		5.44	0.005	0.2	0.88	16	<10	350	0.8	<2	0.50	<0.5	7	6	64	3.20
K274526		4.72	0.006	0.3	1.13	8	<10	470	0.8	<2	0.29	<0.5	9	7	35	2.91
K274527		3.58	<0.005	0.2	0.87	7	<10	590	0.7	<2	0.39	<0.5	8	7	33	3.42
K274528		4.42	0.006	0.2	1.12	6	<10	640	0.7	<2	0.52	<0.5	8	6	50	3.05
K274529		5.24	<0.005	<0.2	0.56	3	<10	460	0.6	<2	1.29	<0.5	7	5	16	2.79
K274530		5.08	<0.005	<0.2	0.84	<2	<10	560	0.7	<2	1.05	<0.5	6	5	13	2.82
K274531		3.48	<0.005	<0.2	0.78	4	<10	470	0.5	<2	0.68	<0.5	8	7	18	2.96
K274532		4.98	<0.005	<0.2	0.84	3	<10	1410	0.6	<2	0.81	<0.5	8	6	18	3.03
K274533		3.94	<0.005	0.3	1.14	6	<10	530	0.6	<2	0.47	<0.5	8	7	18	3.16
K274534		4.92	<0.005	0.3	0.57	6	<10	810	0.6	<2	0.67	<0.5	6	5	21	2.78
K274535		0.72	<0.005	<0.2	0.05	4	<10	20	<0.5	<2	20.1	<0.5	<1	1	2	0.49
K274536		4.78	<0.005	0.3	0.75	6	<10	320	0.6	<2	0.60	<0.5	5	6	21	2.55
K274537		4.80	<0.005	0.3	0.54	9	<10	1270	0.5	<2	1.14	<0.5	6	5	18	2.75
K274538		2.72	<0.005	0.2	0.80	4	<10	1210	<0.5	<2	0.57	<0.5	5	6	18	2.54
K274539		3.68	0.009	<0.2	1.32	5	<10	150	0.5	<2	0.56	<0.5	5	6	14	2.90
K274540		5.82	<0.005	0.2	1.04	4	<10	260	<0.5	<2	0.36	<0.5	6	7	15	2.41
K274541		7.14	0.017	0.2	1.17	4	<10	210	<0.5	2	0.51	<0.5	6	7	38	2.73
K274542		4.68	0.010	0.4	0.70	12	<10	260	0.5	2	0.24	<0.5	8	6	36	2.42
K274543		3.94	<0.005	0.2	1.06	3	<10	220	<0.5	<2	0.60	<0.5	6	8	22	2.51
K274544		4.00	0.006	0.4	0.72	11	<10	240	0.7	<2	0.28	<0.5	6	5	36	2.59
K274545		3.30	<0.005	0.3	1.08	4	<10	350	<0.5	<2	0.46	<0.5	6	7	19	2.60
K274546		4.68	0.014	0.7	0.97	79	<10	530	0.6	<2	0.44	<0.5	8	7	46	3.05

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 30

CERTIFICATE OF ANALYSIS WH11131581

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274511		<10	<1	0.65	10	0.04	933	3	<0.01	1	640	69	0.82	8	3	59
K274512		<10	<1	0.52	10	0.03	536	2	<0.01	1	560	146	0.61	23	5	95
K274513		<10	<1	0.24	20	0.05	2220	3	<0.01	3	600	43	0.07	7	7	21
K274514		<10	<1	0.29	10	0.09	2260	2	<0.01	1	360	29	0.10	8	4	284
K274515		<10	<1	0.28	20	0.07	1635	3	<0.01	2	610	32	0.08	7	8	26
K274516		<10	<1	0.23	20	0.25	862	2	0.02	2	620	15	0.01	4	8	31
K274517		<10	<1	0.21	20	0.19	746	2	0.01	2	540	13	0.01	3	8	23
K274518		10	<1	0.29	20	0.46	692	1	0.08	2	610	10	0.01	<2	8	39
K274519		10	1	0.25	10	1.19	636	52	0.33	319	690	8400	7.54	30	5	82
K274520		<10	<1	0.24	30	0.22	733	2	<0.01	3	650	24	0.01	2	11	12
K274521		<10	<1	0.20	30	0.14	752	2	0.01	4	620	17	<0.01	3	8	17
K274522		10	<1	0.28	20	0.43	681	2	0.08	2	610	10	0.01	<2	8	38
K274523		10	<1	0.23	20	0.41	962	1	0.04	3	630	12	0.03	3	7	28
K274524		<10	<1	0.20	20	0.36	780	1	0.03	2	600	9	0.01	2	7	25
K274525		<10	<1	0.23	30	0.11	1105	2	<0.01	2	590	12	0.03	7	8	16
K274526		<10	<1	0.24	30	0.16	643	2	<0.01	3	590	12	0.01	2	9	15
K274527		<10	<1	0.26	30	0.24	787	1	0.02	3	730	9	0.01	<2	9	21
K274528		<10	<1	0.23	30	0.23	659	1	<0.01	2	640	12	0.01	4	9	20
K274529		<10	<1	0.19	30	0.19	675	1	<0.01	2	590	8	0.01	2	9	36
K274530		<10	<1	0.23	30	0.19	680	2	<0.01	2	550	11	0.01	<2	8	28
K274531		<10	<1	0.21	20	0.32	710	1	0.02	2	610	9	0.01	<2	9	33
K274532		<10	<1	0.26	30	0.29	686	1	<0.01	3	610	12	0.02	<2	10	32
K274533		10	<1	0.22	20	0.43	707	1	0.01	2	650	11	<0.01	<2	10	32
K274534		<10	<1	0.16	30	0.14	742	2	0.02	6	530	15	0.02	2	8	17
K274535		<10	<1	0.01	<10	12.05	223	<1	0.02	1	190	4	0.02	<2	<1	58
K274536		<10	<1	0.15	30	0.25	587	1	0.02	3	610	16	0.01	4	9	22
K274537		<10	<1	0.14	30	0.20	944	1	0.03	1	460	12	0.05	4	7	27
K274538		<10	<1	0.14	20	0.34	624	1	0.05	2	550	9	0.04	<2	7	32
K274539		10	<1	0.14	20	0.67	756	<1	0.03	2	550	9	0.01	2	6	18
K274540		<10	<1	0.13	30	0.46	513	1	0.04	2	460	10	0.01	<2	6	24
K274541		<10	<1	0.14	20	0.58	629	1	0.04	2	530	8	0.01	<2	5	24
K274542		<10	<1	0.12	20	0.20	593	1	0.02	2	560	12	0.02	5	7	11
K274543		<10	<1	0.12	20	0.60	548	<1	0.06	2	550	11	0.01	<2	5	26
K274544		<10	<1	0.11	30	0.11	611	1	0.01	2	630	14	0.01	3	9	9
K274545		<10	<1	0.14	20	0.53	642	<1	0.05	2	550	11	0.02	<2	6	23
K274546		<10	<1	0.16	30	0.42	1280	1	0.03	3	600	25	0.03	5	8	18

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- TR- 30

CERTIFICATE OF ANALYSIS WH11131581

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274511		<20	<0.01	<10	<10	13	<10	279
K274512		<20	<0.01	<10	<10	10	<10	371
K274513		<20	<0.01	<10	<10	38	<10	529
K274514		<20	<0.01	<10	10	21	<10	267
K274515		<20	<0.01	<10	<10	30	<10	242
K274516		20	0.03	<10	<10	49	<10	163
K274517		<20	0.02	<10	<10	45	<10	176
K274518		<20	0.08	<10	<10	56	<10	122
K274519		<20	0.06	<10	<10	327	<10	7900
K274520		20	0.04	<10	<10	54	<10	116
K274521		<20	0.01	<10	<10	47	<10	122
K274522		20	0.06	<10	<10	52	<10	89
K274523		<20	0.02	<10	<10	47	<10	98
K274524		20	0.02	<10	<10	46	<10	66
K274525		20	0.01	<10	<10	40	<10	55
K274526		20	0.02	<10	<10	49	<10	50
K274527		20	0.05	<10	<10	53	<10	56
K274528		20	0.03	<10	<10	53	<10	54
K274529		20	0.04	<10	<10	44	<10	48
K274530		<20	0.03	<10	<10	46	<10	47
K274531		20	0.05	<10	<10	51	<10	59
K274532		20	0.06	<10	<10	52	<10	57
K274533		20	0.05	<10	<10	55	<10	56
K274534		20	0.02	<10	<10	36	<10	52
K274535		<20	<0.01	<10	10	2	<10	23
K274536		<20	0.03	<10	<10	43	<10	47
K274537		<20	0.01	<10	<10	32	<10	55
K274538		<20	0.02	<10	<10	40	<10	51
K274539		<20	0.01	<10	<10	44	<10	81
K274540		20	0.02	<10	<10	41	<10	45
K274541		<20	0.03	<10	<10	45	<10	43
K274542		<20	0.01	<10	<10	40	<10	43
K274543		<20	0.09	<10	<10	49	<10	43
K274544		20	0.01	<10	<10	41	<10	49
K274545		<20	0.03	<10	<10	46	<10	44
K274546		<20	0.01	<10	<10	40	<10	72

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Finalized Date: 7- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132623

Project: Klaza - DDH - 13

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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Finalized Date: 7- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 13

CERTIFICATE OF ANALYSIS WH11132623

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K271301		2
K271302		16
K271303		1
K271304		1
K271305		1
K271306		<1
K271307		<1
K271308		<1
K271309		29
K271310		<1
K271311		<1
K271312		<1
K271313		<1
K271314		<1
K271315		<1
K271316		<1
K271317		<1
K271318		1
K271319		1
K271320		1
K271321		<1
K271322		1
K271323		<1
K271324		<1
K271325		<1
K271326		1
K271327		1
K271328		1
K271329		1
K271330		<1
K271331		<1
K271332		31
K271333		<1
K271334		<1
K271335		<1
K271336		<1

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132646

Project: Klaza TR- 30

P.O. No.: Batch 5

This report is for 29 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132646

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274619		4.80	<0.005	0.3	0.68	15	<10	510	0.8	3	0.27	<0.5	6	4	30	2.82
K274620		5.98	<0.005	0.3	1.21	11	<10	210	<0.5	2	0.66	<0.5	6	10	15	2.67
K274621		0.22	1.565	31.7	4.79	152	<10	40	<0.5	7	4.60	32.0	85	56	7060	8.19
K274622		3.82	<0.005	0.4	1.17	17	<10	180	<0.5	2	0.53	<0.5	7	9	19	2.55
K274623		4.26	0.007	0.7	1.24	24	<10	380	<0.5	2	0.57	<0.5	14	7	39	2.87
K274624		3.30	<0.005	0.3	1.05	6	<10	230	0.5	<2	0.65	<0.5	8	7	24	3.00
K274625		3.62	<0.005	0.2	0.94	17	<10	490	0.7	<2	0.35	<0.5	8	7	20	3.01
K274626		3.90	<0.005	0.2	0.73	6	<10	240	0.6	2	0.58	<0.5	6	6	16	2.77
K274627		4.12	<0.005	0.2	1.23	7	<10	140	0.6	2	0.49	<0.5	7	7	12	2.74
K274628		3.92	0.010	0.8	0.55	21	<10	960	0.7	5	1.61	<0.5	8	4	17	2.87
K274629		4.02	<0.005	0.2	0.75	7	<10	480	1.3	2	4.12	<0.5	7	7	5	2.79
K274630		2.06	<0.005	0.2	0.03	<2	<10	20	<0.5	<2	20.3	<0.5	2	<1	14	0.44
K274631		4.10	<0.005	0.3	0.67	9	<10	310	0.8	2	1.59	<0.5	7	5	10	2.44
K274632		5.66	<0.005	0.3	1.02	4	<10	190	0.6	3	1.84	<0.5	6	5	9	2.76
K274633		5.98	<0.005	0.2	1.16	8	<10	260	0.6	2	1.82	<0.5	7	5	10	2.69
K274634		4.82	<0.005	0.2	0.89	9	<10	170	0.7	2	1.25	<0.5	6	6	19	2.71
K274635		3.14	<0.005	0.3	0.62	9	<10	550	0.7	3	0.48	<0.5	5	4	5	2.55
K274636		3.38	<0.005	<0.2	0.75	11	<10	950	0.8	3	0.78	<0.5	3	4	3	2.71
K274637		3.10	<0.005	0.2	0.98	10	<10	530	0.5	3	0.67	<0.5	7	6	3	2.68
K274638		2.80	0.017	0.5	0.55	18	<10	590	<0.5	4	0.79	<0.5	36	3	5	3.71
K274639		4.18	<0.005	0.5	0.73	22	<10	2840	1.3	5	3.27	<0.5	3	1	4	4.96
K274640		2.80	<0.005	0.3	0.47	7	<10	840	<0.5	3	1.56	<0.5	5	5	2	2.48
K274641		2.76	<0.005	0.3	0.48	14	<10	1550	<0.5	3	1.07	<0.5	10	3	3	4.18
K274642		2.76	0.017	0.6	0.58	43	<10	1170	1.2	7	6.32	<0.5	7	1	16	5.26
K274643		3.04	0.006	0.2	0.98	10	<10	1030	0.5	2	1.48	<0.5	6	6	3	2.48
K274644		3.04	<0.005	0.6	0.48	31	<10	1930	0.8	2	7.3	<0.5	5	2	7	3.83
K274645		3.86	<0.005	0.3	1.04	7	<10	550	<0.5	2	0.97	<0.5	6	7	4	2.52
K274646		3.76	<0.005	0.2	1.30	11	<10	260	0.6	3	0.34	<0.5	7	7	12	3.13
K274647		4.12	<0.005	0.2	0.91	11	<10	370	0.5	2	0.39	<0.5	8	6	17	2.72

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132646

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274619		<10	<1	0.19	20	0.07	974	2	0.01	8	540	14	0.03	5	8	18
K274620		10	<1	0.15	10	0.65	707	2	0.07	3	600	16	0.03	<2	5	29
K274621		10	<1	0.23	<10	1.14	614	43	0.33	307	660	8280	6.99	26	4	74
K274622		10	<1	0.13	10	0.65	577	1	0.07	2	590	22	0.03	<2	4	27
K274623		10	<1	0.16	20	0.64	885	1	0.04	2	580	16	0.14	<2	6	20
K274624		<10	<1	0.12	20	0.45	774	1	0.05	2	600	11	0.01	<2	7	26
K274625		<10	<1	0.14	20	0.19	856	1	0.02	2	650	17	0.01	<2	10	17
K274626		<10	<1	0.13	30	0.10	706	1	0.02	1	610	10	0.02	<2	9	15
K274627		<10	<1	0.11	30	0.42	624	1	0.02	1	680	10	0.01	3	8	14
K274628		<10	1	0.16	20	0.10	958	1	0.02	2	610	10	0.24	4	7	42
K274629		<10	<1	0.21	20	0.17	842	<1	0.01	3	1060	10	0.02	2	6	44
K274630		<10	<1	0.01	<10	12.10	207	<1	0.01	<1	180	3	0.02	<2	<1	51
K274631		<10	<1	0.15	20	0.16	658	1	0.02	1	670	8	0.03	2	8	33
K274632		<10	<1	0.12	20	0.35	708	1	0.03	1	590	7	0.02	<2	8	63
K274633		<10	<1	0.12	20	0.38	611	<1	0.03	1	550	7	0.01	2	8	72
K274634		<10	<1	0.14	20	0.20	611	<1	0.03	1	610	9	0.01	3	8	44
K274635		<10	1	0.12	20	0.04	831	1	0.01	2	500	6	0.03	<2	9	30
K274636		<10	<1	0.20	20	0.19	966	<1	0.03	1	480	8	0.03	7	5	29
K274637		<10	<1	0.19	30	0.44	924	<1	0.04	2	590	7	0.06	3	5	30
K274638		<10	<1	0.23	20	0.10	1215	<1	0.04	<1	550	7	0.29	<2	3	33
K274639		<10	<1	0.30	40	0.09	1815	1	0.05	1	200	22	0.09	31	3	106
K274640		<10	<1	0.27	20	0.06	1000	<1	0.03	1	550	5	0.06	<2	3	41
K274641		<10	<1	0.25	20	0.05	1080	<1	0.04	2	430	5	0.15	<2	2	41
K274642		<10	1	0.25	20	0.22	2120	1	0.03	2	330	14	0.26	5	4	93
K274643		<10	<1	0.25	20	0.42	841	1	0.05	1	600	9	0.04	2	4	60
K274644		<10	<1	0.21	20	1.65	2360	2	0.04	2	420	15	0.11	2	4	139
K274645		<10	<1	0.18	20	0.60	680	1	0.06	1	570	11	0.05	2	5	44
K274646		10	<1	0.17	20	0.60	807	1	0.04	1	560	27	0.01	4	6	18
K274647		<10	<1	0.17	20	0.36	789	1	0.05	2	590	12	0.03	<2	6	19

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132646

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274619		<20	<0.01	<10	<10	32	<10	56
K274620		<20	0.07	<10	<10	50	<10	63
K274621		<20	0.05	<10	<10	315	<10	7570
K274622		<20	0.07	<10	<10	51	<10	57
K274623		<20	0.01	<10	<10	44	<10	64
K274624		<20	0.03	<10	<10	53	<10	55
K274625		20	0.01	<10	<10	51	<10	63
K274626		<20	<0.01	<10	<10	46	<10	46
K274627		20	0.01	<10	<10	50	<10	48
K274628		<20	<0.01	<10	<10	36	<10	58
K274629		<20	0.01	<10	<10	49	<10	70
K274630		<20	<0.01	<10	<10	1	<10	17
K274631		<20	0.01	<10	<10	41	<10	44
K274632		<20	0.01	<10	<10	45	<10	44
K274633		<20	0.01	<10	<10	45	<10	39
K274634		20	0.01	<10	<10	44	<10	36
K274635		<20	<0.01	<10	<10	39	<10	46
K274636		<20	<0.01	<10	<10	30	<10	46
K274637		<20	0.01	<10	<10	31	<10	48
K274638		<20	<0.01	<10	<10	20	<10	40
K274639		20	0.01	<10	<10	71	10	27
K274640		<20	<0.01	<10	<10	15	<10	35
K274641		<20	<0.01	<10	<10	22	20	52
K274642		<20	<0.01	<10	<10	39	<10	83
K274643		<20	0.01	<10	<10	30	<10	49
K274644		<20	<0.01	<10	<10	19	<10	67
K274645		<20	0.01	<10	<10	39	<10	52
K274646		<20	0.01	<10	<10	45	<10	72
K274647		<20	0.02	<10	<10	41	<10	50

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Finalized Date: 17- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132647

Project: Klaza TR- 31

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11132647

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274649		6.02	0.027	1.7	0.90	78	<10	230	0.9	<2	0.19	7.1	4	5	11	1.34
K274650		3.58	0.082	4.4	0.93	73	<10	190	0.8	<2	0.16	7.5	3	3	21	1.70
K274651		4.04	0.092	8.7	0.60	196	<10	380	0.7	3	0.13	22.1	2	4	81	4.27
K274652		3.14	0.021	3.4	0.82	77	<10	450	0.8	<2	0.22	25.8	7	6	20	3.04
K274653		2.88	0.022	1.6	0.62	141	<10	810	0.7	2	0.24	23.3	15	5	15	3.07
K274654		3.58	0.033	5.4	0.66	65	<10	1210	0.8	<2	0.25	14.2	9	5	34	3.38
K274655		3.58	0.042	3.7	0.65	101	<10	760	0.7	2	0.21	15.7	16	6	15	3.34
K274656		4.50	0.010	0.5	0.68	26	<10	320	0.7	<2	0.29	7.9	5	5	9	2.63
K274657		5.18	0.047	2.9	0.49	160	<10	360	0.8	<2	0.24	11.0	5	3	19	2.57
K274658		3.36	0.011	1.0	0.56	50	<10	400	1.0	<2	0.26	7.2	6	3	7	2.77
K274659		4.24	0.007	0.9	0.48	31	<10	620	0.7	<2	0.37	7.7	6	4	6	2.54
K274660		2.94	0.012	0.7	0.61	60	<10	390	0.6	<2	0.29	8.8	6	5	13	2.69
K274661		4.00	0.016	0.6	0.74	51	<10	440	0.5	<2	0.40	6.8	13	6	56	2.81
K274662		4.32	0.022	1.7	0.55	156	<10	540	0.8	<2	0.25	9.6	6	4	10	2.77
K274663		4.70	0.180	8.1	0.49	1565	<10	950	0.9	<2	0.24	60.7	7	3	27	3.73
K274664		3.72	0.031	2.4	0.63	257	<10	450	0.7	<2	0.26	18.5	12	4	15	3.33
K274665		2.94	0.059	8.5	0.53	329	<10	1440	0.8	<2	0.28	25.3	16	4	14	3.26
K274666		3.68	0.406	14.6	0.38	1600	<10	430	0.5	2	0.17	58.5	14	3	34	4.08
K274667		5.54	0.236	5.7	0.46	134	<10	1000	0.7	<2	0.24	14.5	13	4	23	2.83
K274668		3.62	0.416	41.2	0.42	465	<10	980	0.6	<2	0.20	76.7	4	3	59	4.40
K274669		4.88	0.016	2.4	0.86	38	<10	340	0.5	<2	0.35	5.3	6	7	11	2.78
K274670		2.92	0.012	0.9	1.06	18	<10	320	<0.5	<2	0.39	2.0	6	8	10	2.53
K274671		3.50	0.020	3.4	0.74	66	<10	300	0.5	<2	0.32	2.2	6	5	13	2.68
K274672		0.22	1.515	32.3	4.93	154	<10	40	<0.5	18	4.39	32.5	84	57	7420	8.25
K274673		2.38	0.006	0.3	0.82	20	<10	300	<0.5	<2	0.35	1.3	4	7	11	2.63
K274674		4.40	0.022	1.9	0.47	102	<10	630	0.6	<2	0.22	4.0	10	5	12	3.12
K274675		5.70	0.015	4.4	0.70	40	<10	480	0.8	<2	0.78	3.1	5	5	16	3.06
K274676		2.28	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	19.6	<0.5	<1	<1	3	0.46
K274677		3.60	0.005	0.8	1.06	16	<10	350	<0.5	<2	0.43	1.6	6	7	9	2.67
K274678		3.00	0.037	2.0	0.71	66	<10	260	0.7	<2	0.32	1.7	7	5	19	2.74
K274679		3.16	0.014	0.5	1.14	14	<10	250	<0.5	<2	0.48	0.8	6	9	13	2.62
K274680		4.98	0.011	0.5	1.14	19	<10	290	0.5	<2	0.29	0.9	5	7	9	2.48
K274681		3.18	0.005	0.9	1.15	17	<10	320	<0.5	<2	0.31	1.5	11	7	11	2.80
K274682		2.72	0.050	47.9	0.51	69	<10	980	0.8	<2	0.26	10.4	8	4	54	3.99
K274683		2.96	0.017	0.8	0.93	40	<10	480	0.5	<2	0.26	1.5	11	7	13	2.75
K274684		2.92	0.100	5.5	0.34	116	<10	560	<0.5	3	0.14	3.3	18	7	25	3.23

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CERTIFICATE OF ANALYSIS WH11132647

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274649		<10	1	0.27	10	0.07	909	2	0.01	1	160	458	0.02	3	3	21
K274650		<10	<1	0.33	10	0.05	765	2	0.01	<1	170	635	0.02	5	3	42
K274651		<10	2	0.34	20	0.05	565	14	0.01	7	520	1545	0.12	12	4	19
K274652		<10	<1	0.30	30	0.08	2830	7	0.01	4	600	1005	0.01	8	8	18
K274653		<10	<1	0.29	30	0.05	2480	4	0.01	4	540	917	0.09	6	5	19
K274654		<10	1	0.25	30	0.05	1550	2	0.01	3	620	1875	0.09	4	8	22
K274655		<10	<1	0.27	30	0.05	2850	3	0.01	3	590	448	0.07	4	5	21
K274656		<10	<1	0.19	20	0.10	1050	1	0.01	2	580	49	<0.01	2	9	16
K274657		<10	<1	0.18	20	0.04	1490	1	0.01	2	560	448	<0.01	3	7	15
K274658		<10	1	0.17	20	0.04	1015	1	0.01	1	570	131	<0.01	3	9	16
K274659		<10	<1	0.16	20	0.05	1100	1	0.02	2	570	47	0.01	<2	8	20
K274660		<10	<1	0.16	20	0.10	941	1	0.02	2	590	41	<0.01	2	8	18
K274661		<10	<1	0.18	20	0.25	993	1	0.04	3	590	54	0.12	2	6	21
K274662		<10	1	0.21	30	0.04	1680	1	0.01	3	610	148	0.01	3	8	18
K274663		<10	<1	0.23	30	0.04	3930	3	0.01	3	540	1210	0.05	14	6	23
K274664		<10	<1	0.28	20	0.10	2860	2	0.02	2	640	257	0.01	3	7	19
K274665		<10	<1	0.24	20	0.03	3320	2	0.01	2	580	1100	0.04	4	7	33
K274666		<10	<1	0.24	30	0.02	1085	4	<0.01	<1	470	2370	0.08	13	4	33
K274667		<10	<1	0.23	20	0.03	1775	2	<0.01	1	530	1035	0.15	3	5	23
K274668		<10	<1	0.28	30	0.03	9990	2	<0.01	1	520	5930	0.34	22	4	45
K274669		<10	<1	0.16	20	0.32	1085	1	0.04	3	580	173	<0.01	2	7	22
K274670		<10	<1	0.14	20	0.53	1270	1	0.05	5	590	107	0.01	<2	5	22
K274671		<10	<1	0.18	30	0.22	1055	1	0.02	3	620	120	0.01	3	7	16
K274672		10	1	0.23	10	1.15	635	51	0.33	328	690	8400	7.35	26	4	82
K274673		<10	<1	0.17	20	0.32	804	1	0.04	3	610	37	0.01	<2	6	20
K274674		<10	<1	0.22	40	0.04	2640	3	0.01	3	610	242	<0.01	2	6	17
K274675		<10	<1	0.21	30	0.08	2030	1	0.01	3	600	166	<0.01	2	8	26
K274676		<10	<1	0.03	10	11.95	217	<1	0.01	5	180	2	0.01	2	<1	52
K274677		<10	<1	0.16	20	0.50	1310	1	0.05	3	570	81	<0.01	<2	5	28
K274678		<10	<1	0.20	30	0.16	972	1	0.01	4	630	46	<0.01	3	5	15
K274679		10	<1	0.14	20	0.60	973	1	0.04	3	570	32	<0.01	2	5	24
K274680		<10	<1	0.14	20	0.38	839	1	0.02	2	580	22	<0.01	3	7	14
K274681		<10	<1	0.21	20	0.49	1250	1	0.03	4	580	66	0.02	<2	5	17
K274682		<10	<1	0.26	30	0.05	6920	2	0.01	1	620	4970	0.12	15	5	31
K274683		<10	<1	0.23	20	0.34	1440	2	0.02	3	580	62	0.04	<2	4	18
K274684		<10	<1	0.16	20	0.04	3340	4	0.01	2	260	432	0.10	4	3	18

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132647

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274649		<20	<0.01	<10	<10	9	<10	573
K274650		<20	<0.01	<10	<10	8	<10	617
K274651		<20	<0.01	<10	10	21	<10	1710
K274652		<20	<0.01	<10	<10	33	<10	1865
K274653		<20	<0.01	<10	<10	26	<10	1485
K274654		<20	<0.01	<10	<10	32	<10	1440
K274655		<20	<0.01	<10	<10	26	<10	1575
K274656		<20	<0.01	<10	<10	36	<10	593
K274657		<20	<0.01	<10	<10	28	<10	1270
K274658		<20	<0.01	<10	<10	32	<10	767
K274659		<20	<0.01	<10	<10	34	<10	470
K274660		<20	0.01	<10	<10	39	<10	326
K274661		<20	0.01	<10	<10	36	<10	504
K274662		<20	<0.01	<10	<10	26	<10	684
K274663		<20	<0.01	<10	<10	17	<10	1865
K274664		<20	<0.01	<10	<10	33	<10	1490
K274665		<20	<0.01	<10	<10	28	<10	1895
K274666		<20	<0.01	<10	<10	13	<10	1535
K274667		<20	<0.01	<10	<10	24	<10	1485
K274668		<20	<0.01	<10	<10	14	<10	3900
K274669		<20	0.03	<10	<10	43	<10	316
K274670		<20	0.05	<10	<10	47	<10	168
K274671		<20	0.01	<10	<10	34	<10	225
K274672		<20	0.06	<10	10	316	10	7600
K274673		<20	0.01	<10	<10	40	<10	101
K274674		<20	<0.01	<10	<10	25	<10	466
K274675		<20	<0.01	<10	<10	35	<10	260
K274676		<20	<0.01	<10	<10	2	<10	19
K274677		<20	0.05	<10	<10	45	<10	174
K274678		<20	<0.01	<10	<10	24	<10	97
K274679		<20	0.03	<10	<10	48	<10	103
K274680		<20	<0.01	<10	<10	42	<10	113
K274681		<20	0.01	<10	<10	39	<10	135
K274682		<20	<0.01	<10	<10	22	<10	960
K274683		<20	0.01	<10	<10	33	<10	189
K274684		<20	<0.01	<10	<10	14	<10	326

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132648

Project: Klaza TR- 30

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132648

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274583		4.70	<0.005	<0.2	1.04	3	10	330	1.0	<2	2.12	<0.5	3	4	2	1.63
K274584		5.00	<0.005	<0.2	1.08	3	10	1330	1.1	<2	1.90	<0.5	2	4	1	1.47
K274585		3.20	<0.005	<0.2	0.53	5	<10	3270	1.0	<2	2.28	<0.5	3	2	1	1.40
K274586		3.48	<0.005	<0.2	0.50	2	<10	410	0.9	<2	1.60	<0.5	2	2	1	1.33
K274587		3.52	<0.005	<0.2	0.47	3	<10	1770	0.8	<2	1.41	<0.5	2	2	1	1.12
K274588		3.98	<0.005	<0.2	0.74	2	<10	1070	1.0	<2	1.07	<0.5	2	2	2	0.92
K274589		3.56	<0.005	<0.2	0.57	3	<10	1120	0.8	<2	1.58	<0.5	2	2	1	1.02
K274590		4.34	<0.005	<0.2	0.77	6	<10	1830	1.2	<2	1.80	<0.5	4	5	3	1.67
K274591		2.52	<0.005	<0.2	0.07	<2	<10	40	<0.5	<2	19.3	<0.5	<1	<1	1	0.46
K274592		4.50	<0.005	<0.2	0.54	2	<10	2280	0.8	<2	2.09	<0.5	6	6	2	2.19
K274593		3.20	<0.005	<0.2	0.78	12	<10	3230	1.3	<2	1.50	<0.5	5	5	3	1.77
K274594		3.88	<0.005	<0.2	0.61	7	<10	1990	1.1	<2	1.53	<0.5	3	2	1	1.42
K274595		4.44	0.007	0.2	0.81	14	<10	1080	1.2	<2	2.31	<0.5	6	3	25	2.92
K274596		4.10	0.093	1.0	0.78	13	<10	350	0.9	2	1.54	<0.5	6	5	117	2.77
K274597		3.88	0.013	0.3	0.88	18	<10	1320	1.0	<2	2.46	<0.5	6	3	17	3.27
K274598		3.50	0.055	18.9	0.78	145	<10	460	0.8	<2	0.61	2.2	6	5	26	2.77
K274599		3.98	0.032	10.3	0.69	93	<10	680	0.9	<2	1.34	7.0	8	4	33	2.91
K274600		3.60	<0.005	0.5	0.76	22	<10	230	0.7	<2	0.56	<0.5	6	5	35	2.96
K274601		3.18	<0.005	0.3	0.93	13	<10	540	<0.5	<2	1.52	<0.5	8	7	14	2.88
K274602		0.22	1.480	27.4	4.09	145	<10	40	<0.5	16	4.14	29.2	84	55	6970	7.26
K274603		3.82	0.551	11.6	0.63	1435	<10	730	0.8	<2	0.64	2.2	7	5	47	3.18
K274604		3.58	0.022	1.4	1.32	70	<10	260	0.6	<2	0.39	<0.5	6	7	32	2.91
K274605		3.74	0.239	5.3	0.46	677	<10	660	0.6	<2	0.88	9.0	9	4	44	3.80
K274606		3.24	0.008	0.3	0.88	24	<10	580	<0.5	<2	0.79	<0.5	7	9	22	2.44
K274607		5.38	0.008	0.7	0.85	54	<10	680	0.6	<2	1.47	0.7	6	6	43	3.02
K274608		6.46	0.011	1.9	0.76	29	<10	560	0.6	2	0.62	1.7	7	7	22	3.19
K274609		3.98	<0.005	<0.2	1.19	9	<10	340	<0.5	<2	0.84	<0.5	6	9	14	2.70
K274610		5.02	<0.005	0.3	1.05	22	<10	440	1.0	<2	0.68	<0.5	6	6	24	2.96
K274611		5.14	<0.005	0.3	0.94	17	<10	420	0.5	<2	0.80	<0.5	11	6	15	2.83
K274612		4.52	0.073	0.5	0.54	105	<10	990	0.8	<2	1.15	0.9	8	2	12	3.01
K274613		5.10	0.008	0.2	0.93	21	<10	580	0.6	<2	0.82	<0.5	7	7	36	3.15
K274614		3.08	0.346	0.3	1.36	20	<10	590	0.5	<2	0.79	<0.5	17	6	68	4.01
K274615		4.08	0.111	0.3	1.39	19	<10	430	<0.5	<2	0.77	<0.5	12	8	87	3.32
K274616		3.92	0.039	0.3	0.46	18	<10	390	0.6	<2	1.31	<0.5	8	6	44	2.99
K274617		3.08	0.010	0.2	0.63	16	<10	340	0.6	<2	1.86	<0.5	9	5	30	2.75
K274618		6.38	<0.005	0.3	0.88	9	<10	180	0.6	<2	1.03	<0.5	7	5	21	2.64

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132648

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274583		<10	<1	0.40	20	0.15	512	<1	0.01	2	490	13	0.03	<2	4	83
K274584		<10	<1	0.41	20	0.17	416	<1	0.01	1	470	12	0.05	<2	4	97
K274585		<10	<1	0.25	20	0.18	439	<1	0.02	1	410	19	0.11	<2	4	124
K274586		<10	<1	0.25	10	0.11	496	<1	0.01	<1	320	9	0.03	<2	4	75
K274587		<10	<1	0.22	10	0.14	412	<1	0.01	<1	160	21	0.06	2	3	63
K274588		<10	<1	0.25	20	0.14	300	<1	0.01	1	240	15	0.05	<2	2	66
K274589		<10	<1	0.23	20	0.12	449	<1	0.01	<1	240	14	0.05	<2	2	60
K274590		<10	<1	0.26	10	0.28	499	<1	0.01	1	420	18	0.07	<2	4	120
K274591		<10	<1	0.03	<10	11.40	223	<1	0.01	1	190	2	0.03	<2	<1	51
K274592		<10	<1	0.22	<10	0.29	636	<1	0.01	3	460	6	0.08	<2	5	107
K274593		<10	<1	0.29	10	0.16	556	<1	0.02	3	430	18	0.10	<2	5	136
K274594		<10	<1	0.26	10	0.20	599	<1	0.02	1	270	9	0.09	<2	3	59
K274595		<10	<1	0.37	20	0.20	970	1	0.02	2	530	21	0.08	7	8	129
K274596		<10	<1	0.28	30	0.26	1035	<1	0.01	1	570	13	0.03	23	7	57
K274597		<10	1	0.43	30	0.17	1825	<1	0.02	2	580	15	0.11	4	6	67
K274598		<10	1	0.15	20	0.22	1655	1	0.01	3	590	188	0.12	65	7	26
K274599		<10	1	0.26	20	0.08	2450	1	0.01	3	600	134	0.10	25	7	36
K274600		<10	<1	0.15	30	0.24	1120	1	0.01	2	640	13	0.05	5	8	17
K274601		<10	<1	0.17	20	0.49	828	1	0.05	2	600	10	0.08	3	7	50
K274602		<10	1	0.23	10	1.00	545	38	0.25	313	610	7150	6.39	26	4	65
K274603		<10	<1	0.18	40	0.11	2230	<1	0.02	2	600	271	0.16	34	8	28
K274604		<10	<1	0.15	30	0.50	772	<1	0.02	2	630	14	0.05	5	7	22
K274605		<10	<1	0.23	30	0.10	5300	2	0.02	4	560	70	0.51	14	5	45
K274606		<10	<1	0.21	20	0.37	775	<1	0.05	3	600	12	0.05	<2	6	50
K274607		<10	<1	0.19	20	0.37	1910	<1	0.03	2	590	25	0.09	8	6	36
K274608		<10	<1	0.19	30	0.27	1745	<1	0.03	2	640	94	0.09	3	7	21
K274609		<10	<1	0.19	20	0.61	568	<1	0.08	2	590	9	0.03	<2	6	37
K274610		<10	<1	0.21	30	0.27	791	<1	0.01	2	740	9	0.03	3	8	31
K274611		<10	<1	0.23	30	0.30	843	<1	0.04	2	590	8	0.12	<2	7	31
K274612		<10	<1	0.20	30	0.07	2210	1	0.01	2	600	14	0.16	7	4	37
K274613		<10	<1	0.29	30	0.29	1145	<1	0.02	2	620	8	0.10	2	6	27
K274614		<10	<1	0.22	20	0.65	1375	<1	0.03	2	620	6	0.18	<2	5	28
K274615		<10	<1	0.25	20	0.66	1045	<1	0.05	2	600	8	0.17	<2	5	29
K274616		<10	<1	0.19	30	0.10	1055	<1	0.02	2	600	8	0.11	<2	6	20
K274617		<10	<1	0.21	30	0.15	907	<1	0.03	2	570	10	0.09	<2	6	44
K274618		<10	<1	0.13	30	0.27	674	<1	0.01	2	600	9	0.03	4	7	28

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CERTIFICATE OF ANALYSIS WH11132648

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274583		<20	<0.01	<10	<10	20	<10	38
K274584		<20	<0.01	<10	<10	19	<10	32
K274585		<20	<0.01	<10	<10	21	<10	36
K274586		<20	<0.01	<10	<10	14	<10	33
K274587		<20	<0.01	<10	<10	8	<10	25
K274588		<20	<0.01	<10	<10	9	<10	24
K274589		<20	<0.01	<10	<10	8	<10	24
K274590		<20	<0.01	<10	<10	23	<10	39
K274591		<20	<0.01	<10	<10	2	<10	17
K274592		<20	<0.01	<10	<10	29	<10	54
K274593		<20	<0.01	<10	<10	25	<10	42
K274594		<20	<0.01	<10	<10	8	<10	29
K274595		<20	<0.01	<10	<10	27	<10	59
K274596		<20	<0.01	<10	<10	36	<10	56
K274597		<20	<0.01	<10	<10	26	<10	79
K274598		<20	<0.01	<10	<10	32	<10	358
K274599		<20	<0.01	<10	<10	27	<10	418
K274600		<20	<0.01	<10	<10	38	<10	64
K274601		<20	0.02	<10	<10	45	<10	53
K274602		<20	0.05	<10	<10	311	<10	7210
K274603		<20	<0.01	<10	<10	33	<10	302
K274604		<20	0.01	<10	<10	45	<10	79
K274605		<20	<0.01	<10	<10	21	<10	621
K274606		<20	0.03	<10	<10	50	<10	64
K274607		<20	0.02	<10	<10	37	<10	107
K274608		<20	0.02	<10	<10	41	<10	189
K274609		<20	0.06	<10	<10	54	<10	43
K274610		<20	0.01	<10	<10	38	<10	51
K274611		<20	0.01	<10	<10	41	<10	44
K274612		<20	<0.01	<10	<10	17	<10	129
K274613		<20	0.01	<10	<10	40	<10	53
K274614		<20	0.01	<10	<10	42	<10	69
K274615		<20	0.02	<10	<10	44	<10	57
K274616		<20	<0.01	<10	<10	30	<10	45
K274617		<20	<0.01	<10	<10	33	<10	48
K274618		<20	0.01	<10	<10	40	<10	40

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132649

Project: Klaza TR- 30

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132649

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274547		4.66	0.005	0.4	0.62	24	<10	510	0.7	<2	0.27	<0.5	7	5	28	2.85
K274548		3.26	<0.005	<0.2	1.02	7	<10	650	<0.5	<2	0.41	<0.5	7	7	19	2.87
K274549		2.06	<0.005	<0.2	1.02	15	<10	410	<0.5	<2	0.46	<0.5	9	6	36	2.96
K274550		3.02	<0.005	<0.2	1.08	8	<10	470	<0.5	2	0.88	<0.5	7	8	38	2.91
K274551		2.58	0.009	0.7	0.66	18	<10	470	<0.5	3	0.48	0.5	9	6	75	3.00
K274552		4.74	<0.005	0.3	0.53	14	<10	1330	0.7	2	0.76	<0.5	7	3	35	2.95
K274553		2.08	<0.005	0.4	0.58	18	<10	1250	1.0	3	1.88	<0.5	5	2	10	2.25
K274554		4.24	<0.005	0.2	0.56	7	<10	1460	0.8	2	0.70	<0.5	6	3	32	2.76
K274555		4.50	0.005	<0.2	0.61	10	<10	1200	1.0	2	2.22	1.0	7	3	22	2.86
K274556		3.18	<0.005	0.2	0.48	6	<10	2660	0.8	2	0.77	<0.5	1	1	2	0.98
K274557		5.32	<0.005	<0.2	0.46	<2	<10	740	0.8	<2	0.49	<0.5	1	1	1	0.74
K274558		4.20	<0.005	<0.2	0.47	2	<10	180	0.9	<2	0.24	<0.5	1	1	1	0.79
K274559		1.08	<0.005	<0.2	0.03	<2	<10	20	<0.5	2	19.3	<0.5	<1	<1	1	0.47
K274560		5.08	<0.005	<0.2	0.48	5	<10	310	0.9	2	0.48	<0.5	1	1	<1	0.77
K274561		2.88	0.005	0.7	0.62	17	<10	490	1.1	3	0.62	<0.5	4	2	7	2.18
K274562		4.12	<0.005	0.2	0.44	21	<10	820	0.7	3	1.69	<0.5	7	3	21	2.84
K274563		4.12	<0.005	<0.2	0.52	9	<10	750	0.6	2	0.38	<0.5	8	4	18	2.98
K274564		0.22	1.495	32.2	4.87	142	<10	40	<0.5	<2	4.44	31.0	81	55	7070	8.00
K274565		4.10	<0.005	<0.2	0.43	12	<10	1030	0.5	3	1.37	<0.5	6	3	31	2.73
K274566		3.08	<0.005	<0.2	0.44	7	<10	470	0.5	2	0.54	<0.5	6	5	27	2.86
K274567		4.46	0.264	25.4	0.41	730	<10	60	0.6	5	1.36	2.2	23	2	3340	5.52
K274568		2.40	0.006	0.6	0.60	129	<10	330	1.0	2	1.04	<0.5	5	2	60	2.83
K274569		3.78	<0.005	<0.2	0.89	3	<10	490	1.0	<2	2.41	0.5	7	12	11	2.79
K274570		3.80	<0.005	<0.2	0.74	3	<10	350	1.1	<2	3.36	<0.5	4	7	6	1.79
K274571		3.04	<0.005	<0.2	0.81	6	<10	530	1.1	2	3.04	<0.5	5	10	6	2.11
K274572		5.48	<0.005	<0.2	0.67	2	<10	430	1.0	2	2.47	<0.5	4	10	3	1.89
K274573		6.18	<0.005	<0.2	0.56	<2	<10	340	1.1	<2	2.96	<0.5	4	7	3	1.68
K274574		4.86	<0.005	<0.2	0.86	2	<10	460	1.0	3	2.42	<0.5	5	9	3	2.05
K274575		2.40	<0.005	<0.2	0.71	3	<10	280	0.9	<2	2.61	<0.5	5	9	5	2.14
K274576		3.78	<0.005	<0.2	0.78	4	<10	460	0.9	2	3.38	<0.5	7	6	2	2.12
K274577		2.98	<0.005	<0.2	0.52	7	<10	1270	0.8	3	0.39	<0.5	4	3	10	1.32
K274578		3.06	<0.005	<0.2	0.62	2	<10	190	1.2	3	2.13	<0.5	1	1	2	1.04
K274579		3.46	<0.005	<0.2	0.57	10	<10	240	1.0	3	3.24	<0.5	3	2	1	1.55
K274580		5.20	<0.005	<0.2	0.55	<2	<10	240	1.1	2	3.33	<0.5	2	2	<1	1.44
K274581		5.22	<0.005	<0.2	0.55	<2	<10	510	1.1	<2	2.99	<0.5	2	2	<1	1.31
K274582		5.02	<0.005	<0.2	0.49	<2	<10	1100	1.0	<2	1.85	<0.5	3	2	<1	1.70

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132649

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274547		<10	<1	0.17	30	0.09	1170	1	0.02	1	610	17	0.01	10	8	13
K274548		<10	<1	0.22	20	0.47	798	<1	0.06	3	610	10	<0.01	2	7	31
K274549		<10	<1	0.20	20	0.47	889	<1	0.06	2	630	7	0.06	2	7	22
K274550		10	<1	0.17	20	0.58	777	<1	0.08	2	630	15	0.02	3	8	45
K274551		<10	<1	0.18	30	0.21	937	<1	0.06	2	610	38	0.07	3	8	26
K274552		<10	<1	0.17	30	0.08	968	<1	0.03	2	590	14	0.05	4	7	34
K274553		<10	<1	0.21	20	0.08	675	1	0.03	<1	410	13	0.05	4	6	81
K274554		<10	<1	0.18	20	0.07	779	1	0.03	1	580	11	0.04	9	9	48
K274555		<10	1	0.21	20	0.19	1055	1	0.03	1	530	18	0.05	5	8	61
K274556		<10	<1	0.20	10	0.05	454	<1	0.03	<1	70	18	0.06	2	2	46
K274557		<10	<1	0.22	10	0.04	374	<1	0.02	1	170	22	0.02	2	3	29
K274558		<10	<1	0.22	10	0.04	499	<1	0.02	1	230	10	<0.01	2	3	24
K274559		<10	<1	0.01	<10	12.10	219	<1	0.03	1	160	<2	0.02	<2	<1	50
K274560		<10	<1	0.23	10	0.05	393	<1	0.02	<1	170	20	0.01	<2	2	28
K274561		<10	<1	0.25	20	0.06	918	1	0.03	1	450	19	0.06	4	6	25
K274562		<10	<1	0.15	20	0.09	734	2	0.05	1	570	20	0.02	4	8	73
K274563		<10	<1	0.18	30	0.12	759	<1	0.06	2	610	12	0.03	2	8	26
K274564		10	1	0.23	10	1.11	596	48	0.34	307	670	8080	7.22	31	4	80
K274565		<10	<1	0.17	30	0.11	794	1	0.06	2	560	19	0.05	2	7	59
K274566		<10	<1	0.14	20	0.08	879	1	0.06	2	660	14	0.01	3	8	25
K274567		<10	<1	0.32	10	0.05	4700	3	0.03	<1	480	56	2.76	43	3	29
K274568		<10	<1	0.23	20	0.07	2040	6	0.03	2	580	20	0.05	9	6	44
K274569		<10	<1	0.20	20	0.24	744	<1	0.03	4	1070	25	0.01	4	6	155
K274570		<10	1	0.26	20	0.27	431	<1	0.04	2	770	15	0.01	<2	5	361
K274571		<10	1	0.29	20	0.33	629	<1	0.05	3	870	14	0.01	2	6	350
K274572		<10	<1	0.33	20	0.44	514	<1	0.06	3	720	13	0.01	<2	5	415
K274573		<10	<1	0.24	20	0.42	504	<1	0.04	3	650	15	0.01	3	4	308
K274574		<10	<1	0.36	20	0.56	530	<1	0.05	3	750	14	0.01	2	5	320
K274575		<10	<1	0.28	20	0.42	582	<1	0.04	3	890	13	<0.01	2	6	342
K274576		<10	<1	0.34	10	0.25	642	<1	0.03	2	1200	9	0.01	<2	7	140
K274577		<10	<1	0.23	20	0.09	357	3	0.03	2	310	15	0.03	3	4	41
K274578		<10	<1	0.29	20	0.09	353	2	0.03	1	280	18	<0.01	<2	2	155
K274579		<10	<1	0.23	30	0.14	499	2	0.04	<1	500	20	0.01	3	4	246
K274580		<10	<1	0.25	30	0.11	410	<1	0.03	1	540	13	0.01	2	3	223
K274581		<10	<1	0.24	20	0.11	351	<1	0.03	<1	520	17	0.01	2	4	240
K274582		<10	<1	0.23	20	0.09	465	<1	0.02	1	450	23	0.04	2	4	87

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 30

CERTIFICATE OF ANALYSIS WH11132649

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274547		<20	0.01	<10	<10	40	<10	55
K274548		<20	0.05	<10	<10	51	<10	50
K274549		<20	0.02	<10	<10	42	<10	51
K274550		<20	0.03	<10	<10	50	<10	58
K274551		<20	0.02	<10	<10	42	<10	87
K274552		<20	<0.01	<10	<10	34	<10	60
K274553		<20	<0.01	<10	<10	21	<10	33
K274554		<20	<0.01	<10	<10	34	<10	52
K274555		<20	<0.01	<10	<10	34	<10	87
K274556		<20	<0.01	<10	<10	6	<10	22
K274557		<20	<0.01	<10	<10	6	<10	17
K274558		<20	<0.01	<10	<10	8	<10	20
K274559		<20	<0.01	<10	<10	1	<10	19
K274560		<20	<0.01	<10	<10	7	<10	19
K274561		<20	<0.01	<10	<10	21	<10	49
K274562		<20	<0.01	<10	<10	32	<10	57
K274563		<20	0.02	<10	<10	41	<10	53
K274564		<20	0.05	<10	<10	308	<10	7310
K274565		<20	0.01	<10	<10	33	<10	61
K274566		<20	0.01	<10	<10	40	<10	54
K274567		<20	<0.01	<10	<10	9	<10	237
K274568		<20	<0.01	<10	<10	15	<10	40
K274569		<20	0.01	<10	<10	49	<10	84
K274570		<20	0.02	<10	<10	32	<10	42
K274571		<20	0.03	<10	<10	39	<10	50
K274572		<20	0.05	<10	<10	36	<10	47
K274573		<20	0.01	<10	<10	29	<10	40
K274574		<20	0.05	<10	<10	35	<10	47
K274575		<20	0.01	<10	<10	38	<10	41
K274576		<20	<0.01	<10	<10	40	<10	40
K274577		<20	<0.01	<10	<10	15	<10	29
K274578		<20	<0.01	<10	<10	6	<10	26
K274579		<20	<0.01	<10	<10	12	<10	39
K274580		<20	<0.01	<10	<10	13	<10	31
K274581		<20	<0.01	<10	<10	13	<10	36
K274582		<20	<0.01	<10	<10	13	<10	34

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132840

Project: Klaza TR- 31

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132840

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274907		3.58	<0.005	0.3	0.94	10	<10	320	<0.5	<2	0.58	1.2	5	7	4	2.27
K274908		3.68	0.005	0.3	0.87	13	<10	310	<0.5	<2	0.43	1.6	7	7	7	2.28
K274909		2.98	0.007	0.4	0.81	24	<10	580	0.6	<2	0.28	1.5	5	8	15	2.70
K274910		4.18	0.010	0.3	0.86	12	<10	230	<0.5	<2	0.46	2.0	5	8	6	2.39
K274911		3.16	0.005	0.3	0.85	28	<10	240	<0.5	<2	0.26	2.0	6	7	7	2.25
K274912		2.94	0.011	0.4	0.78	59	<10	270	<0.5	<2	0.26	1.6	9	7	6	2.31
K274913		3.78	0.010	0.4	0.73	46	<10	330	<0.5	<2	0.23	3.0	7	7	8	2.20
K274914		4.30	0.011	0.6	0.67	50	<10	460	<0.5	<2	0.20	3.0	7	7	7	2.32
K274915		3.34	0.013	0.4	0.43	35	<10	510	<0.5	<2	0.60	2.7	4	7	5	1.73
K274916		3.38	0.023	0.4	0.49	23	<10	370	<0.5	<2	0.51	2.7	4	5	4	1.51
K274917		3.08	0.035	0.7	0.39	25	<10	1070	<0.5	<2	0.53	2.3	8	5	4	1.48
K274918		3.52	0.011	0.5	0.68	55	<10	680	0.5	<2	0.86	2.1	10	6	9	2.33
K274919		2.92	0.017	0.9	0.81	105	<10	360	<0.5	<2	0.28	2.6	8	8	14	2.34
K274920		3.76	0.016	0.8	0.80	145	<10	330	0.5	<2	0.21	3.7	17	6	22	2.39
K274921		2.84	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	19.7	<0.5	<1	1	<1	0.39
K274922		5.00	0.018	0.7	1.44	61	<10	170	0.5	<2	0.39	1.3	5	7	9	2.68
K274923		3.82	0.017	0.6	1.26	65	<10	190	0.6	2	0.32	2.5	5	6	15	2.66
K274924		5.10	0.109	3.2	0.49	835	<10	540	<0.5	3	0.14	8.1	4	5	62	3.42
K274925		4.42	0.702	44.8	0.34	1410	<10	880	<0.5	79	0.11	9.5	3	4	69	3.43
K274926		4.28	0.395	4.0	0.35	2590	<10	1260	<0.5	2	0.13	26.3	4	4	54	5.13
K274927		3.44	0.030	1.4	0.39	153	<10	360	<0.5	2	0.21	4.0	7	5	9	2.86
K274928		4.52	0.066	1.7	0.42	202	<10	470	0.5	2	0.15	8.7	10	4	11	3.93
K274929		4.88	0.012	0.7	0.62	56	<10	560	0.8	<2	0.22	5.4	6	5	10	2.95
K274930		4.08	0.048	1.7	0.43	408	<10	860	0.8	<2	0.22	12.9	6	<1	13	4.14
K274931		4.32	0.014	1.3	0.47	84	<10	890	1.0	<2	0.26	6.9	7	1	19	3.64
K274932		6.16	0.013	0.5	0.44	37	<10	560	1.0	<2	0.29	2.7	6	1	15	2.64
K274933		4.24	0.027	1.6	0.40	79	<10	1100	0.6	<2	0.21	7.7	7	2	8	2.20
K274934		4.50	0.084	3.2	0.42	386	<10	2090	0.5	<2	0.12	12.9	8	1	17	4.71
K274935		4.36	0.077	6.0	0.35	233	<10	1130	0.6	<2	0.16	10.5	7	2	15	2.95
K274936		3.66	0.010	0.4	0.54	56	<10	330	0.7	<2	0.23	1.3	6	2	13	2.53
K274937		4.46	0.227	2.4	0.34	848	<10	320	0.6	<2	0.94	10.9	6	1	14	4.25
K274938		4.14	0.006	0.3	0.73	20	<10	270	0.7	<2	0.30	0.9	8	3	9	2.73
K274939		3.82	0.024	0.6	0.29	104	<10	560	<0.5	<2	0.15	3.1	5	4	3	1.82
K274940		4.24	0.032	2.7	0.33	154	<10	520	<0.5	<2	0.26	4.3	8	4	23	2.44
K274941		0.20	1.535	34.2	4.92	160	<10	50	<0.5	13	4.81	33.5	91	56	7220	8.62
K274942		5.22	0.005	0.2	1.13	13	<10	190	0.8	<2	0.36	<0.5	7	4	22	3.09

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132840

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274907		<10	<1	0.19	20	0.44	820	1	0.03	2	490	19	0.10	<2	3	26
K274908		<10	<1	0.20	20	0.35	1030	2	0.03	3	550	24	0.03	<2	4	17
K274909		<10	<1	0.12	20	0.21	685	1	0.02	3	570	29	0.02	2	7	14
K274910		<10	<1	0.18	20	0.37	883	1	0.03	4	540	33	0.02	<2	5	17
K274911		<10	<1	0.15	10	0.39	881	1	0.03	3	520	62	0.04	<2	3	14
K274912		<10	<1	0.17	20	0.30	565	1	0.03	2	490	52	0.11	<2	3	15
K274913		<10	<1	0.17	20	0.25	792	1	0.03	4	500	81	0.06	<2	3	13
K274914		<10	<1	0.21	20	0.18	1155	1	0.03	4	470	71	0.05	<2	3	13
K274915		<10	<1	0.21	20	0.06	1320	1	0.02	3	430	38	0.06	<2	2	13
K274916		<10	<1	0.22	20	0.05	727	1	0.02	2	470	24	0.07	<2	2	12
K274917		<10	<1	0.19	10	0.08	1385	2	0.02	2	370	35	0.24	<2	1	18
K274918		<10	<1	0.22	20	0.14	1020	1	0.02	2	570	39	0.08	<2	3	29
K274919		<10	<1	0.17	20	0.23	971	1	0.02	4	500	78	0.04	<2	3	14
K274920		<10	<1	0.20	30	0.22	997	1	0.01	2	500	42	0.05	<2	3	12
K274921		<10	<1	0.02	<10	11.65	178	<1	0.02	<1	240	3	0.03	<2	<1	59
K274922		10	<1	0.10	20	0.63	502	1	0.02	2	550	40	0.02	2	6	16
K274923		<10	1	0.09	20	0.57	659	<1	0.01	2	500	46	0.02	<2	5	13
K274924		<10	<1	0.25	20	0.09	1570	2	0.01	1	380	417	0.08	7	3	16
K274925		<10	1	0.27	10	0.04	1850	2	0.02	1	340	1025	0.20	17	2	32
K274926		<10	<1	0.22	10	0.03	10350	5	0.02	1	330	776	0.09	23	2	39
K274927		<10	<1	0.26	10	0.04	2770	2	0.01	2	510	125	0.18	2	2	13
K274928		<10	<1	0.27	20	0.03	4030	4	0.01	2	490	329	0.12	2	3	19
K274929		<10	<1	0.23	20	0.10	2310	2	0.01	2	520	91	0.04	2	5	17
K274930		<10	1	0.27	20	0.04	5590	2	0.01	2	550	425	0.07	9	5	26
K274931		<10	<1	0.24	20	0.04	2810	2	0.01	2	580	265	0.04	7	7	25
K274932		<10	1	0.19	20	0.04	1025	1	0.01	1	560	28	0.03	6	7	18
K274933		<10	1	0.24	20	0.04	2470	3	0.01	3	540	172	0.06	6	3	22
K274934		<10	1	0.27	20	0.04	5060	8	0.01	1	400	639	0.05	8	4	17
K274935		<10	1	0.20	20	0.04	3090	3	0.01	1	360	1445	0.21	9	3	25
K274936		<10	1	0.18	20	0.07	1635	1	0.01	1	610	28	0.01	5	7	18
K274937		<10	<1	0.21	20	0.13	8040	2	0.01	1	490	525	0.54	12	3	31
K274938		<10	1	0.18	20	0.17	1165	1	0.01	2	660	28	0.04	4	6	14
K274939		<10	<1	0.18	10	0.04	2470	3	0.01	1	340	70	0.48	3	2	15
K274940		<10	<1	0.21	10	0.04	4450	7	0.01	2	380	106	0.34	6	2	19
K274941		<10	2	0.24	<10	1.20	641	50	0.36	335	690	8480	7.63	32	4	83
K274942		<10	1	0.12	20	0.37	479	<1	0.01	1	680	22	0.01	4	7	14

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132840

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274907		<20	0.01	<10	<10	28	<10	121
K274908		<20	0.01	<10	<10	32	<10	153
K274909		<20	0.01	<10	<10	40	<10	153
K274910		<20	0.01	<10	<10	35	<10	148
K274911		<20	0.02	<10	<10	33	<10	205
K274912		<20	0.03	<10	<10	31	<10	157
K274913		<20	0.02	<10	<10	28	<10	281
K274914		<20	0.01	<10	<10	25	<10	250
K274915		<20	<0.01	<10	<10	14	<10	201
K274916		<20	<0.01	<10	<10	13	<10	236
K274917		<20	<0.01	<10	<10	10	<10	180
K274918		<20	<0.01	<10	<10	25	<10	213
K274919		<20	0.01	<10	<10	25	<10	280
K274920		<20	<0.01	<10	<10	23	<10	390
K274921		<20	<0.01	<10	10	2	<10	16
K274922		<20	<0.01	<10	<10	46	<10	218
K274923		<20	<0.01	<10	<10	40	<10	536
K274924		<20	<0.01	<10	<10	17	<10	1175
K274925		<20	<0.01	<10	<10	9	<10	1390
K274926		<20	<0.01	<10	<10	10	<10	2160
K274927		<20	<0.01	<10	<10	13	<10	370
K274928		<20	<0.01	<10	<10	16	<10	674
K274929		20	<0.01	<10	<10	23	<10	328
K274930		<20	<0.01	<10	<10	14	<10	898
K274931		<20	<0.01	<10	<10	24	<10	503
K274932		<20	<0.01	<10	<10	30	<10	175
K274933		<20	<0.01	<10	<10	12	<10	587
K274934		<20	<0.01	<10	<10	15	<10	1360
K274935		<20	<0.01	<10	<10	11	<10	913
K274936		<20	<0.01	<10	<10	29	<10	204
K274937		<20	<0.01	<10	<10	7	<10	833
K274938		<20	<0.01	<10	<10	35	<10	112
K274939		<20	<0.01	<10	<10	9	<10	198
K274940		<20	<0.01	<10	<10	11	<10	327
K274941		<20	0.06	<10	<10	328	<10	8070
K274942		<20	<0.01	<10	<10	42	<10	85

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11132841

Project: Klaza TR- 31

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132841

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274871		4.18	0.060	9.8	0.69	50	<10	560	0.8	<2	0.40	12.0	8	7	19	2.98
K274872		4.78	0.005	0.4	0.62	21	<10	700	0.6	<2	0.27	1.3	9	6	11	2.42
K274873		2.98	0.006	0.3	1.45	16	<10	310	0.7	<2	0.33	0.6	9	7	6	3.47
K274874		2.62	0.020	1.6	0.35	16	<10	470	<0.5	2	0.58	1.3	10	7	3	1.26
K274875		2.62	<0.005	0.3	1.17	17	<10	370	0.7	<2	0.31	0.8	5	7	6	2.79
K274876		3.12	<0.005	<0.2	1.16	12	<10	270	0.7	<2	0.30	0.6	6	6	4	2.93
K274877		2.92	<0.005	0.4	0.77	27	<10	440	0.5	<2	0.41	1.2	6	9	7	2.34
K274878		3.54	<0.005	0.3	0.91	19	<10	390	0.5	<2	0.45	1.1	7	9	5	2.64
K274879		2.64	0.006	1.3	0.55	27	<10	610	0.5	<2	0.48	4.1	12	5	9	2.10
K274880		3.60	0.010	0.9	0.65	46	<10	660	0.6	<2	0.32	1.2	8	6	11	2.48
K274881		3.28	0.005	0.2	0.71	17	<10	270	0.5	<2	0.23	1.4	5	8	6	2.70
K274882		3.26	<0.005	0.2	0.68	25	<10	670	0.5	<2	0.24	1.6	7	6	7	3.19
K274883		3.04	0.005	0.2	1.24	15	<10	300	<0.5	<2	0.47	0.9	7	10	11	2.91
K274884		3.34	<0.005	<0.2	1.45	12	<10	230	<0.5	<2	0.54	0.7	7	10	11	3.01
K274885		3.00	<0.005	0.2	1.42	13	<10	210	<0.5	<2	0.47	0.7	7	10	8	3.11
K274886		4.34	<0.005	0.2	1.34	16	<10	200	<0.5	<2	0.48	0.7	8	10	6	3.00
K274887		3.22	<0.005	0.3	1.61	35	<10	320	<0.5	<2	0.78	1.8	9	9	5	3.61
K274888		3.32	0.005	0.9	0.93	24	<10	420	<0.5	<2	0.31	1.1	7	10	6	2.58
K274889		3.28	0.005	0.8	0.44	25	<10	480	<0.5	<2	0.69	2.3	8	7	4	2.09
K274890		3.80	0.005	1.1	0.62	64	<10	720	0.6	<2	0.31	6.1	5	6	9	3.17
K274891		3.46	0.005	1.6	0.74	85	<10	740	0.7	<2	0.31	9.3	5	8	14	3.50
K274892		3.18	<0.005	0.3	0.64	26	<10	230	<0.5	<2	0.71	1.3	5	8	4	1.84
K274893		3.10	0.006	1.3	1.24	108	<10	300	0.5	2	0.68	2.2	7	8	27	3.05
K274894		3.48	0.055	3.1	1.12	327	<10	220	0.5	2	0.37	4.0	6	7	79	3.37
K274895		3.04	0.011	0.4	0.61	99	<10	340	<0.5	<2	0.58	4.2	7	7	8	2.07
K274896		4.36	<0.005	<0.2	1.25	20	<10	220	<0.5	<2	0.63	1.1	5	10	5	3.02
K274897		0.22	1.430	34.4	4.91	154	<10	40	<0.5	4	4.69	33.2	89	59	7320	8.32
K274898		2.84	<0.005	0.5	0.54	19	<10	410	<0.5	<2	0.83	3.4	7	6	5	1.79
K274899		2.94	0.012	0.5	0.53	14	<10	400	<0.5	<2	0.33	1.4	8	8	5	1.43
K274900		2.74	<0.005	0.2	0.42	12	<10	980	<0.5	<2	0.27	1.0	5	7	3	1.44
K274901		3.04	0.006	0.8	0.45	30	<10	1490	<0.5	<2	0.32	2.7	5	7	5	1.45
K274902		3.64	<0.005	0.3	0.43	13	<10	370	<0.5	<2	0.42	0.9	5	6	4	1.39
K274903		3.06	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.1	<0.5	<1	1	1	0.39
K274904		3.60	<0.005	0.3	0.65	10	<10	500	0.6	<2	0.46	1.2	6	6	7	3.51
K274905		2.80	<0.005	<0.2	0.98	11	<10	250	<0.5	<2	0.77	0.5	9	9	3	2.05
K274906		3.54	<0.005	0.2	1.08	14	<10	330	<0.5	<2	0.59	2.2	7	8	5	2.25

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132841

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274871		<10	1	0.19	10	0.06	1390	1	0.01	7	540	2780	0.09	7	8	34
K274872		<10	<1	0.19	20	0.08	1730	1	0.01	3	520	103	0.02	3	6	27
K274873		<10	<1	0.20	30	0.47	494	1	0.01	3	650	16	0.01	<2	5	13
K274874		<10	1	0.18	10	0.04	1100	2	0.01	1	430	29	0.06	2	2	15
K274875		<10	<1	0.24	30	0.27	747	1	0.03	2	600	18	<0.01	<2	5	15
K274876		<10	<1	0.18	30	0.17	613	1	0.01	2	680	13	<0.01	2	7	12
K274877		<10	<1	0.25	20	0.17	1120	1	0.03	3	550	33	0.02	2	4	16
K274878		<10	<1	0.23	30	0.30	772	1	0.04	2	600	24	0.01	<2	5	19
K274879		<10	<1	0.27	30	0.08	4710	1	0.01	3	560	222	0.09	2	3	33
K274880		<10	<1	0.22	30	0.08	1220	1	0.02	3	610	33	0.03	2	6	17
K274881		<10	<1	0.17	20	0.07	743	1	0.01	2	640	18	<0.01	3	7	10
K274882		<10	<1	0.24	30	0.07	1120	1	<0.01	3	690	22	0.01	<2	5	13
K274883		<10	<1	0.22	20	0.59	870	2	0.05	3	580	21	0.02	<2	4	21
K274884		10	<1	0.19	20	0.77	984	1	0.05	3	650	19	0.01	<2	5	23
K274885		10	<1	0.15	20	0.76	741	1	0.05	3	670	19	<0.01	<2	6	24
K274886		10	<1	0.16	20	0.71	709	1	0.05	3	600	20	0.01	<2	5	21
K274887		10	1	0.28	30	0.77	1390	1	0.03	2	630	24	0.01	<2	5	25
K274888		<10	<1	0.17	10	0.43	738	2	0.04	2	510	50	0.25	2	4	26
K274889		<10	<1	0.21	20	0.05	970	2	0.02	2	480	34	0.43	<2	2	25
K274890		<10	<1	0.28	30	0.06	3600	1	0.02	4	620	127	0.07	<2	6	19
K274891		<10	<1	0.23	30	0.11	5330	1	0.02	5	700	213	0.02	2	8	24
K274892		<10	<1	0.18	10	0.24	911	1	0.02	1	360	18	0.03	<2	2	22
K274893		<10	<1	0.33	20	0.47	1260	1	0.02	3	660	104	0.08	2	4	23
K274894		<10	<1	0.29	20	0.43	1210	1	0.01	3	600	410	0.05	5	4	13
K274895		<10	1	0.26	10	0.16	1290	1	0.02	2	610	56	0.11	2	3	10
K274896		10	<1	0.16	20	0.66	743	<1	0.05	2	640	19	0.01	<2	6	24
K274897		10	1	0.24	<10	1.18	628	47	0.34	320	700	8500	7.48	29	4	77
K274898		<10	<1	0.21	10	0.17	1120	1	0.03	2	570	39	0.11	<2	3	19
K274899		<10	1	0.16	10	0.18	601	2	0.02	2	330	41	0.21	<2	2	15
K274900		<10	<1	0.19	10	0.09	786	3	0.02	2	440	26	0.21	<2	2	12
K274901		<10	<1	0.24	10	0.06	1970	1	0.02	1	440	90	0.10	<2	2	16
K274902		<10	<1	0.18	10	0.09	1020	1	0.01	2	400	30	0.09	<2	2	11
K274903		<10	<1	0.02	<10	12.90	198	<1	0.01	<1	260	<2	0.02	<2	<1	53
K274904		<10	<1	0.28	30	0.15	2250	1	0.02	2	580	54	0.03	<2	5	19
K274905		<10	1	0.23	20	0.45	666	1	0.03	2	460	11	0.05	<2	3	25
K274906		<10	<1	0.22	20	0.51	1380	1	0.03	3	530	18	0.03	<2	3	24

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11132841

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274871		<20	<0.01	<10	<10	36	<10	918
K274872		<20	<0.01	<10	<10	29	<10	151
K274873		20	0.01	<10	<10	44	<10	105
K274874		<20	<0.01	<10	<10	11	<10	107
K274875		<20	0.01	<10	<10	36	<10	90
K274876		20	0.01	<10	<10	42	<10	69
K274877		<20	0.01	<10	<10	30	<10	134
K274878		20	0.01	<10	<10	37	<10	125
K274879		<20	<0.01	<10	<10	21	<10	272
K274880		20	<0.01	<10	<10	31	<10	156
K274881		20	0.01	<10	<10	40	<10	117
K274882		20	0.01	<10	<10	36	<10	171
K274883		<20	0.03	<10	<10	44	<10	131
K274884		<20	0.06	<10	<10	56	<10	99
K274885		<20	0.05	<10	<10	57	<10	100
K274886		<20	0.05	<10	<10	52	<10	108
K274887		<20	0.01	<10	<10	46	<10	235
K274888		<20	0.02	<10	<10	38	<10	128
K274889		<20	<0.01	<10	<10	18	<10	204
K274890		<20	<0.01	<10	<10	32	<10	426
K274891		<20	0.01	<10	<10	42	<10	581
K274892		<20	0.01	<10	<10	23	<10	189
K274893		<20	0.01	<10	<10	37	<10	256
K274894		<20	<0.01	<10	<10	33	<10	734
K274895		<20	<0.01	<10	<10	26	<10	531
K274896		<20	0.02	<10	<10	51	<10	136
K274897		<20	0.06	<10	<10	321	<10	8020
K274898		<20	0.01	<10	<10	22	<10	264
K274899		<20	0.01	<10	<10	18	<10	146
K274900		<20	<0.01	<10	<10	14	<10	105
K274901		<20	<0.01	<10	<10	13	<10	285
K274902		<20	<0.01	<10	<10	17	<10	92
K274903		<20	<0.01	<10	<10	1	<10	14
K274904		<20	<0.01	<10	<10	30	<10	153
K274905		<20	0.01	<10	<10	28	<10	83
K274906		<20	0.01	<10	<10	30	<10	204

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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11133031

Project: Klaza TR- 31

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11133031

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274685		2.88	<0.005	0.3	1.12	16	<10	530	<0.5	<2	0.48	1.3	10	9	10	2.78
K274686		3.86	0.018	4.8	0.53	34	<10	1010	0.7	<2	0.34	19.1	11	4	11	3.26
K274687		4.42	<0.005	0.3	0.73	10	<10	340	0.9	<2	0.33	0.7	7	4	11	2.67
K274688		2.74	0.007	1.1	0.78	16	<10	470	0.7	<2	0.29	2.9	9	6	19	2.89
K274689		2.72	0.008	2.1	0.62	31	<10	490	0.6	<2	0.30	3.4	20	5	19	3.17
K274690		3.10	0.037	5.6	0.60	58	<10	1100	0.7	<2	0.37	25.5	8	4	24	3.66
K274691		2.88	0.019	1.4	0.76	95	<10	460	0.6	<2	0.27	2.1	9	8	27	2.79
K274692		3.28	0.012	1.6	0.41	87	<10	840	0.6	<2	0.24	2.2	17	6	83	2.99
K274693		5.40	<0.005	0.2	1.22	13	<10	250	<0.5	<2	0.48	0.9	8	7	12	2.74
K274694		0.22	1.490	32.7	5.06	152	<10	50	<0.5	12	4.27	32.0	86	57	7360	8.28
K274695		3.44	0.135	3.8	0.87	109	<10	1000	1.2	<2	0.39	4.8	11	6	45	3.03
K274696		3.72	0.006	0.2	0.64	28	<10	400	0.7	<2	0.24	1.1	10	5	14	2.86
K274697		3.76	<0.005	0.2	1.33	16	<10	450	0.6	<2	0.32	0.5	8	7	14	3.03
K274698		3.06	0.017	1.7	0.43	79	<10	550	0.5	2	0.75	0.8	21	4	346	2.06
K274699		1.78	<0.005	<0.2	0.03	2	<10	20	<0.5	<2	19.2	<0.5	3	<1	<1	0.46
K274700		3.08	0.012	0.3	1.20	165	<10	340	0.8	<2	0.41	1.4	8	6	15	3.03
K274851		3.36	0.021	3.3	0.63	77	<10	1640	0.8	4	0.28	2.8	14	6	93	2.85
K274852		3.06	0.006	0.3	0.68	23	<10	560	0.7	<2	0.25	2.5	12	6	19	2.54
K274853		3.20	0.029	1.1	0.64	50	<10	1100	0.9	<2	0.87	3.6	8	4	27	2.90
K274854		4.00	0.006	0.3	0.91	16	<10	320	0.7	<2	0.27	3.0	9	6	28	2.87
K274855		3.14	<0.005	<0.2	0.78	13	<10	320	0.5	<2	0.45	2.7	10	6	11	2.41
K274856		3.36	<0.005	<0.2	0.61	12	<10	380	0.5	<2	0.27	3.4	11	6	7	2.40
K274857		4.62	<0.005	<0.2	1.15	8	<10	310	0.7	<2	0.30	4.4	8	5	9	2.85
K274858		3.50	0.010	0.3	0.96	16	<10	350	0.7	<2	0.31	4.8	8	7	9	2.84
K274859		4.30	0.048	4.3	0.57	69	<10	890	0.9	<2	0.22	12.1	10	4	23	3.08
K274860		3.08	0.403	10.8	0.63	220	<10	1470	1.3	2	0.27	5.4	10	7	82	3.41
K274861		3.42	<0.005	<0.2	0.71	6	<10	340	1.0	<2	0.71	<0.5	6	9	7	2.00
K274862		3.96	<0.005	<0.2	0.71	6	<10	320	1.0	<2	0.37	<0.5	7	7	4	1.89
K274863		4.96	<0.005	<0.2	0.79	9	<10	250	1.1	<2	1.13	<0.5	4	6	6	2.00
K274864		3.98	<0.005	<0.2	0.80	7	<10	680	1.0	<2	0.79	<0.5	5	6	4	2.03
K274865		5.32	<0.005	<0.2	0.77	13	<10	260	1.1	<2	0.55	<0.5	4	6	4	1.75
K274866		4.80	<0.005	<0.2	0.87	9	<10	260	1.0	<2	3.57	<0.5	4	6	3	1.71
K274867		3.48	<0.005	<0.2	0.64	5	<10	1420	0.9	<2	3.14	<0.5	3	5	1	1.65
K274868		3.18	<0.005	<0.2	0.76	10	<10	190	0.9	<2	3.95	<0.5	4	5	1	1.85
K274869		4.44	<0.005	<0.2	0.71	8	<10	210	1.0	<2	3.22	<0.5	3	5	<1	1.70
K274870		5.08	<0.005	<0.2	0.48	9	<10	530	1.0	<2	0.86	2.1	4	5	2	1.92

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Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11133031

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274685		<10	<1	0.20	20	0.54	1035	1	0.05	4	600	49	0.06	<2	5	22
K274686		<10	<1	0.27	20	0.08	8590	2	0.02	1	530	1150	0.09	4	4	51
K274687		<10	<1	0.23	30	0.06	1210	1	0.02	2	660	41	<0.01	3	10	14
K274688		<10	<1	0.21	30	0.16	1990	1	0.04	3	610	60	0.01	2	7	19
K274689		<10	<1	0.28	30	0.06	1875	1	0.04	3	610	88	0.06	2	5	17
K274690		<10	<1	0.28	20	0.05	8360	2	0.03	1	540	384	0.12	4	5	47
K274691		<10	<1	0.24	20	0.17	1775	2	0.04	4	620	126	0.02	3	5	18
K274692		<10	<1	0.14	30	0.07	3290	4	0.02	4	560	54	0.02	3	5	19
K274693		10	<1	0.14	20	0.59	820	1	0.06	3	620	28	<0.01	2	5	26
K274694		10	1	0.24	10	1.16	627	47	0.35	313	680	8050	7.39	30	4	80
K274695		<10	1	0.22	30	0.08	1305	2	0.02	8	540	570	0.06	9	7	25
K274696		<10	<1	0.16	30	0.05	758	1	0.02	1	630	16	0.01	3	8	11
K274697		10	<1	0.12	20	0.54	594	<1	0.03	2	660	16	<0.01	5	7	14
K274698		<10	1	0.21	20	0.07	869	1	0.03	2	400	12	0.24	18	2	19
K274699		<10	<1	0.02	10	12.75	212	<1	0.03	5	200	3	0.02	2	<1	55
K274700		<10	<1	0.17	30	0.33	1070	1	0.03	2	640	20	<0.01	4	8	17
K274851		<10	<1	0.23	40	0.10	3840	2	0.03	3	600	77	0.07	18	5	33
K274852		<10	<1	0.22	30	0.10	2130	2	0.03	3	630	54	<0.01	5	6	20
K274853		<10	<1	0.28	30	0.08	2710	1	0.03	2	600	67	0.08	4	6	26
K274854		<10	<1	0.20	20	0.17	785	1	0.02	2	660	24	<0.01	7	6	12
K274855		<10	1	0.17	20	0.22	723	1	0.04	3	590	23	0.04	4	5	19
K274856		<10	<1	0.19	20	0.12	907	1	0.05	2	530	15	0.02	2	6	16
K274857		<10	<1	0.14	20	0.32	751	<1	0.02	2	640	16	<0.01	4	8	13
K274858		<10	<1	0.17	20	0.23	1080	1	0.03	3	660	77	<0.01	3	7	17
K274859		<10	1	0.29	20	0.04	4980	6	0.02	5	570	1075	0.04	8	5	47
K274860		<10	1	0.21	10	0.04	3120	5	0.02	10	450	1945	0.19	23	6	48
K274861		<10	<1	0.25	20	0.05	725	<1	0.02	10	710	24	<0.01	3	6	32
K274862		<10	<1	0.28	20	0.05	516	<1	0.02	6	780	26	<0.01	2	6	23
K274863		<10	<1	0.28	20	0.08	640	<1	0.02	6	850	18	<0.01	2	6	71
K274864		<10	<1	0.28	20	0.07	885	<1	0.02	4	830	20	0.01	2	6	68
K274865		<10	<1	0.29	20	0.06	512	<1	0.02	3	860	16	<0.01	<2	6	55
K274866		<10	<1	0.32	20	0.10	600	<1	0.02	2	830	12	0.01	2	5	241
K274867		<10	<1	0.25	10	0.09	463	<1	0.03	2	760	13	0.04	<2	5	134
K274868		<10	<1	0.28	20	0.10	657	<1	0.02	2	850	14	<0.01	<2	5	147
K274869		<10	1	0.26	10	0.10	484	<1	0.02	2	800	13	<0.01	2	5	163
K274870		<10	<1	0.19	20	0.05	645	<1	0.02	4	800	13	0.01	<2	6	38

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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11133031

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274685		<20	0.01	<10	<10	40	<10	161
K274686		<20	<0.01	<10	<10	20	<10	1190
K274687		<20	<0.01	<10	<10	39	<10	160
K274688		<20	0.01	<10	<10	38	<10	158
K274689		<20	<0.01	<10	<10	29	<10	226
K274690		<20	<0.01	<10	<10	26	<10	1410
K274691		<20	0.01	<10	<10	33	<10	249
K274692		<20	0.01	<10	<10	22	<10	242
K274693		<20	0.07	<10	<10	51	<10	89
K274694		<20	0.06	<10	10	313	10	7400
K274695		<20	<0.01	<10	<10	24	<10	847
K274696		<20	<0.01	<10	<10	39	<10	104
K274697		<20	<0.01	<10	<10	48	<10	66
K274698		<20	<0.01	<10	<10	18	<10	56
K274699		<20	<0.01	<10	<10	2	<10	19
K274700		<20	<0.01	<10	<10	41	<10	142
K274851		<20	0.01	<10	<10	27	<10	292
K274852		<20	0.01	<10	<10	32	<10	175
K274853		<20	<0.01	<10	<10	26	<10	218
K274854		<20	<0.01	<10	<10	37	<10	141
K274855		<20	0.01	<10	<10	37	<10	108
K274856		<20	<0.01	<10	<10	34	<10	111
K274857		<20	<0.01	<10	<10	42	<10	162
K274858		<20	0.01	<10	<10	40	<10	236
K274859		<20	<0.01	<10	<10	20	<10	1040
K274860		<20	<0.01	<10	<10	22	<10	1520
K274861		<20	<0.01	<10	<10	29	<10	84
K274862		<20	<0.01	<10	<10	26	<10	58
K274863		<20	<0.01	<10	<10	26	<10	51
K274864		<20	<0.01	<10	<10	27	<10	58
K274865		<20	<0.01	<10	<10	21	<10	42
K274866		<20	<0.01	<10	<10	23	<10	39
K274867		<20	<0.01	<10	<10	22	<10	38
K274868		<20	<0.01	<10	<10	29	<10	43
K274869		<20	<0.01	<10	<10	25	<10	40
K274870		<20	<0.01	<10	<10	29	<10	104

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11133032

Project: Klaza DDH- 17

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 17

CERTIFICATE OF ANALYSIS WH11133032

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271492		4.48	9.68	>100	0.27	>10000	<10	10	<0.5	93	3.36	850	7	5	1985	8.28
K271493		7.38	0.172	1.3	0.51	172	<10	220	0.8	<2	2.41	1.4	7	4	14	2.51
K271494		0.28	3.34	>100	0.19	>10000	<10	10	<0.5	<2	0.41	342	1	10	1655	13.40
K271495		8.94	0.020	0.7	0.83	48	<10	940	0.5	<2	2.16	1.8	6	6	8	2.42
K271496		7.06	0.188	4.9	0.90	1250	<10	200	0.6	<2	1.71	46.3	6	6	46	3.01
K271497		8.38	0.007	0.4	1.24	9	<10	110	0.5	<2	1.43	0.9	7	8	11	2.65
K271498		9.08	<0.005	<0.2	1.05	4	<10	130	<0.5	<2	1.25	<0.5	5	9	10	2.30
K271499		8.04	<0.005	<0.2	1.12	3	<10	140	<0.5	<2	1.23	<0.5	6	9	11	2.44
K271500		5.18	0.346	7.3	0.52	824	<10	120	0.7	2	3.03	22.5	10	5	59	3.13
K271501		2.56	<0.005	<0.2	0.07	4	<10	20	<0.5	<2	20.7	<0.5	<1	1	1	0.43
K271502		13.06	<0.005	<0.2	1.06	<2	<10	130	<0.5	<2	1.32	<0.5	5	10	7	2.50
K271503		12.18	<0.005	<0.2	1.15	3	<10	540	<0.5	<2	1.76	<0.5	5	9	4	2.45
K271504		5.56	0.035	0.8	0.95	26	<10	340	<0.5	<2	1.88	0.6	7	8	30	2.71
K271505		10.08	0.011	0.5	0.55	16	<10	170	0.5	<2	2.07	0.9	7	4	6	2.75
K271506		4.88	0.029	1.6	0.62	31	<10	90	0.5	<2	2.12	5.5	8	4	16	3.01
K271507		11.52	0.016	0.3	0.50	7	<10	40	<0.5	<2	3.06	<0.5	9	5	4	2.87
K271508		4.64	0.012	0.7	0.39	19	<10	50	<0.5	<2	3.32	1.6	9	3	3	3.12
K271509		14.18	0.007	0.2	0.56	2	<10	70	0.6	<2	3.29	<0.5	8	6	5	2.60
K271510		8.80	0.008	0.3	0.63	4	<10	100	0.5	<2	3.47	2.2	8	5	7	2.63
K271511		8.34	0.008	0.5	0.48	3	<10	110	<0.5	<2	3.33	<0.5	10	3	4	3.15
K271512		6.54	0.009	0.6	0.61	8	<10	50	<0.5	2	2.65	<0.5	6	5	7	2.66
K271513		2.20	<0.005	0.3	0.04	<2	<10	30	<0.5	<2	19.7	<0.5	2	<1	1	0.43
K271514		9.76	0.006	0.3	0.86	5	<10	200	<0.5	<2	2.08	<0.5	7	6	5	2.58
K271515		8.22	0.016	1.0	0.71	16	<10	350	0.5	<2	2.33	1.7	7	5	14	2.86
K271516		7.58	0.024	2.0	0.61	27	<10	510	0.6	2	2.33	1.1	9	5	11	2.81
K271517		9.18	0.030	0.4	1.37	10	<10	290	0.6	<2	1.50	<0.5	7	8	18	2.99
K271518		12.60	<0.005	0.4	1.20	2	<10	310	<0.5	<2	1.65	<0.5	7	9	10	3.01
K271519		6.08	0.023	0.4	0.87	17	<10	450	<0.5	<2	2.39	0.5	7	6	7	2.72
K271520		7.34	<0.005	0.4	1.20	9	<10	290	0.5	2	1.95	<0.5	7	6	4	2.81
K271521		7.98	0.093	2.8	0.54	58	<10	180	0.6	2	3.20	2.4	14	4	21	3.14
K271522		0.20	1.475	32.3	4.71	147	<10	40	<0.5	12	4.50	31.3	80	54	6900	8.02
K271523		4.64	<0.005	0.2	0.45	10	<10	1170	0.7	<2	1.20	<0.5	5	3	16	2.04
K271524		11.90	<0.005	0.4	0.55	4	<10	1130	0.8	<2	1.51	<0.5	5	3	5	1.97
K271525		12.14	<0.005	0.3	0.50	5	<10	1220	0.8	<2	1.78	<0.5	5	3	3	1.91
K271526		12.14	<0.005	0.4	0.48	5	<10	1030	0.7	<2	1.69	<0.5	5	3	4	1.90
K271527		5.28	<0.005	0.5	0.55	12	<10	820	0.8	<2	1.89	0.7	5	4	8	2.16

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VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 17

CERTIFICATE OF ANALYSIS WH11133032

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271492		<10	5	0.18	<10	1.33	1735	16	0.01	1	150	>10000	>10.0	439	1	58
K271493		<10	<1	0.28	20	0.61	1275	2	0.01	4	530	75	1.37	6	5	79
K271494		<10	2	0.07	<10	0.17	1515	1	0.01	11	140	>10000	>10.0	622	1	21
K271495		<10	<1	0.20	20	0.58	589	2	0.04	1	540	100	0.30	2	6	101
K271496		<10	1	0.22	10	0.54	1045	1	0.04	1	550	2090	1.34	9	6	64
K271497		10	1	0.15	20	0.67	531	1	0.08	2	580	55	0.15	<2	6	61
K271498		<10	1	0.12	20	0.65	484	1	0.07	2	530	18	0.04	<2	4	49
K271499		10	1	0.13	20	0.62	431	1	0.08	1	550	16	0.04	<2	4	60
K271500		<10	<1	0.27	10	0.75	1275	24	0.02	2	460	1375	1.79	5	5	99
K271501		<10	<1	0.04	<10	12.55	198	<1	0.02	1	290	4	0.03	<2	<1	63
K271502		<10	1	0.13	20	0.67	485	2	0.08	1	550	12	0.04	<2	5	53
K271503		<10	<1	0.18	20	0.65	480	2	0.07	3	550	9	0.14	<2	6	67
K271504		<10	1	0.17	20	0.65	798	1	0.06	2	590	51	0.55	<2	6	75
K271505		<10	1	0.21	10	0.59	874	1	0.01	2	550	68	1.29	<2	5	66
K271506		<10	1	0.22	10	0.59	903	3	0.01	1	540	450	1.49	4	5	70
K271507		<10	<1	0.29	10	0.63	930	1	0.02	2	520	20	2.36	<2	3	148
K271508		<10	1	0.27	10	0.48	1485	1	0.01	1	520	66	2.94	<2	2	81
K271509		<10	<1	0.27	20	0.61	658	1	0.01	2	550	26	2.12	<2	3	109
K271510		<10	<1	0.27	10	0.47	956	1	0.02	2	550	90	1.84	<2	3	100
K271511		<10	1	0.23	10	0.52	654	1	0.02	1	570	18	2.94	<2	3	75
K271512		<10	<1	0.23	20	0.47	425	<1	0.03	3	560	24	2.01	<2	3	110
K271513		<10	<1	0.02	<10	11.85	204	<1	0.02	<1	200	4	0.08	<2	<1	53
K271514		<10	<1	0.19	20	0.63	446	<1	0.04	2	570	10	1.01	<2	5	90
K271515		<10	<1	0.23	20	0.56	803	1	0.03	1	570	77	0.94	2	6	78
K271516		<10	<1	0.17	10	0.70	839	1	0.03	1	590	138	0.59	2	7	95
K271517		<10	<1	0.14	20	0.76	484	2	0.06	1	630	9	0.30	<2	5	121
K271518		10	1	0.15	20	0.78	545	1	0.07	1	640	9	0.34	<2	6	87
K271519		<10	<1	0.21	20	0.77	802	1	0.04	1	570	26	0.34	<2	6	100
K271520		<10	<1	0.19	20	0.67	580	<1	0.05	2	610	11	0.38	<2	7	116
K271521		<10	<1	0.31	10	0.78	1140	6	0.02	2	510	203	1.59	5	4	94
K271522		10	1	0.22	<10	1.10	599	46	0.32	301	650	8070	7.09	27	4	78
K271523		<10	1	0.22	10	0.49	555	<1	0.02	3	770	25	0.08	<2	3	116
K271524		<10	<1	0.25	10	0.53	529	1	0.03	2	770	22	0.05	<2	3	144
K271525		<10	<1	0.23	10	0.65	482	1	0.03	1	750	23	0.06	<2	4	195
K271526		<10	<1	0.22	10	0.67	496	1	0.03	2	740	23	0.06	2	3	163
K271527		<10	<1	0.25	10	0.78	557	<1	0.02	3	820	25	0.10	4	4	163

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 17

CERTIFICATE OF ANALYSIS WH11133032

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271492		<20	<0.01	<10	<10	4	10	>10000	211	3.69	5.67
K271493		<20	<0.01	<10	<10	14	<10	139	<1		
K271494		<20	<0.01	<10	<10	7	140	>10000	420	3.09	3.40
K271495		<20	0.01	<10	<10	32	<10	158	<1		
K271496		<20	0.01	<10	<10	28	<10	3050	4		
K271497		<20	0.05	<10	<10	45	<10	140	<1		
K271498		<20	0.08	<10	<10	46	<10	46	<1		
K271499		<20	0.08	<10	<10	48	<10	41	<1		
K271500		<20	<0.01	<10	<10	20	<10	1685	6		
K271501		<20	<0.01	<10	<10	2	<10	23	<1		
K271502		<20	0.05	<10	<10	47	<10	36	<1		
K271503		<20	0.02	<10	<10	41	<10	40	1		
K271504		<20	0.01	<10	<10	41	<10	87	<1		
K271505		<20	<0.01	<10	<10	25	<10	129	<1		
K271506		<20	<0.01	<10	<10	25	<10	696	1		
K271507		<20	<0.01	<10	<10	12	<10	42	<1		
K271508		<20	<0.01	<10	<10	10	<10	173	<1		
K271509		<20	<0.01	<10	<10	15	<10	36	<1		
K271510		<20	<0.01	<10	<10	15	<10	217	<1		
K271511		<20	<0.01	<10	<10	10	<10	41	<1		
K271512		<20	<0.01	<10	<10	19	<10	45	<1		
K271513		<20	<0.01	<10	<10	1	<10	17	<1		
K271514		<20	<0.01	<10	<10	31	<10	43	<1		
K271515		<20	<0.01	<10	<10	30	<10	222	<1		
K271516		<20	<0.01	<10	<10	36	<10	154	1		
K271517		<20	0.05	<10	<10	51	<10	40	<1		
K271518		<20	0.05	<10	<10	53	<10	40	<1		
K271519		<20	0.01	<10	<10	38	<10	86	<1		
K271520		<20	0.01	<10	<10	41	<10	48	<1		
K271521		<20	<0.01	<10	<10	17	<10	198	2		
K271522		<20	0.05	<10	<10	304	<10	7060	28		
K271523		<20	<0.01	<10	<10	17	<10	77	<1		
K271524		<20	<0.01	<10	<10	17	<10	93	<1		
K271525		<20	<0.01	<10	<10	17	<10	114	<1		
K271526		<20	<0.01	<10	<10	18	<10	113	<1		
K271527		<20	<0.01	<10	<10	22	<10	99	<1		

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11133033

Project: Klaza- DDH- 17

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11133033

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K271528		3.76	0.850		11.0	0.46	1335	<10	30	0.6	7	1.72	70.8	9	3	210
K271529		14.86	0.038		0.8	0.56	43	<10	970	1.0	<2	2.63	3.0	6	3	18
K271530		8.78	0.018		0.7	0.54	31	<10	1270	0.7	<2	1.79	1.8	6	6	22
K271531		3.48	>10.0	37.7	>100	0.27	>10000	<10	20	<0.5	37	0.76	>1000	6	3	2520
K271532		3.02	1.160		2.1	0.51	999	<10	300	0.8	<2	1.90	9.1	6	5	34
K271533		8.12	1.830		46.7	0.32	2410	<10	20	<0.5	30	0.64	234	10	4	1005
K271534		2.52	<0.005		<0.2	0.05	10	<10	<10	<0.5	2	18.7	<0.5	<1	1	1
K271535		7.86	0.214		1.8	0.47	39	<10	90	0.6	<2	2.01	6.1	7	3	29
K271536		11.14	0.016		0.3	0.45	40	<10	440	0.8	<2	2.91	<0.5	6	3	7
K271537		13.30	0.013		0.5	0.41	47	<10	690	0.6	<2	2.76	<0.5	5	2	9
K271538		6.84	0.016		0.2	0.42	55	<10	630	0.7	<2	2.96	<0.5	6	2	6
K271539		10.56	0.012		0.5	0.55	18	<10	60	0.5	2	2.73	<0.5	7	3	11
K271540		11.38	0.020		0.8	0.47	19	<10	20	<0.5	3	3.93	0.5	9	2	7
K271541		9.50	0.089		1.3	0.38	30	<10	20	<0.5	3	2.23	0.9	9	2	4
K271542		9.40	0.152		1.8	0.42	45	<10	20	<0.5	3	1.29	0.8	20	4	7
K271543		9.42	0.007		0.2	0.54	13	<10	390	0.6	<2	2.71	<0.5	6	4	8
K271544		11.22	0.024		0.9	0.56	10	<10	210	0.6	<2	1.72	<0.5	8	5	6
K271545		0.30	3.31		>100	0.18	>10000	<10	10	<0.5	3	0.43	334	1	8	1625
K271546		7.44	<0.005		<0.2	0.88	4	<10	320	<0.5	<2	1.45	<0.5	6	10	6
K271547		7.30	0.080		4.0	0.88	25	<10	220	<0.5	2	1.49	6.0	7	9	17
K271548		7.76	0.281		3.2	0.45	168	<10	260	0.7	<2	2.08	18.7	6	4	38
K271549		9.52	0.240		12.9	0.48	335	<10	40	0.6	3	1.75	97.5	10	4	71
K271550		3.36	<0.005		0.2	0.04	6	<10	20	<0.5	<2	19.4	<0.5	1	1	2
K271551		9.28	0.022		0.9	0.53	40	<10	80	0.5	<2	2.54	3.9	10	6	20
K271552		8.36	0.005		0.4	0.88	21	<10	350	<0.5	<2	2.10	0.5	8	9	9
K271553		10.88	0.007		0.5	0.94	20	<10	520	<0.5	<2	1.61	0.7	6	10	15
K271554		6.52	0.006		0.4	0.72	13	<10	360	0.5	<2	1.96	<0.5	7	8	10
K271555		8.42	0.314		4.0	0.49	744	<10	60	0.5	3	1.93	55.0	9	5	35
K271556		0.28	3.26		>100	0.17	>10000	<10	10	<0.5	<2	0.40	316	5	9	1480
K271557		11.42	0.024		0.2	0.33	24	<10	890	0.6	<2	2.83	0.8	6	10	14
K271558		2.88	>10.0	10.35	46.9	0.36	6980	<10	20	0.6	9	1.13	242	9	3	422
K271559		6.10	1.260		8.5	0.48	1670	<10	220	0.8	2	1.71	35.2	8	6	90
K271560		7.84	0.147		1.7	0.34	40	<10	840	0.8	<2	1.78	6.4	7	8	30
K271561		7.90	0.112		1.6	0.77	54	<10	470	0.5	<2	1.87	4.8	9	7	30
K271562		7.66	0.008		0.2	1.03	47	<10	170	<0.5	<2	1.28	<0.5	10	9	9
K271563		12.14	<0.005		0.3	1.06	7	<10	210	<0.5	<2	1.48	<0.5	10	10	5

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11133033

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K271528		4.06	<10	1	0.24	10	0.52	1005	13	0.01	1	440	1535	2.84	60	3
K271529		2.28	<10	<1	0.28	10	0.97	596	1	0.01	1	720	82	0.33	2	4
K271530		2.25	<10	<1	0.21	10	0.79	716	5	0.01	2	760	50	0.28	3	4
K271531		7.02	<10	7	0.15	<10	0.30	1145	209	<0.01	2	230	>10000	8.72	496	1
K271532		2.80	<10	<1	0.20	20	0.85	785	3	0.01	5	1050	191	0.24	10	5
K271533		6.31	<10	1	0.27	10	0.19	697	12	<0.01	<1	480	5940	7.58	92	1
K271534		0.41	<10	<1	0.02	10	12.00	195	<1	0.02	4	400	5	0.01	<2	<1
K271535		2.98	<10	<1	0.23	10	0.66	708	3	<0.01	<1	520	246	1.75	4	5
K271536		2.28	<10	<1	0.28	10	0.90	605	1	<0.01	1	550	18	0.28	<2	4
K271537		2.16	<10	<1	0.27	10	0.88	610	1	0.02	<1	420	13	0.35	<2	3
K271538		2.36	<10	<1	0.27	10	0.94	655	1	<0.01	<1	480	14	0.41	<2	3
K271539		3.19	<10	<1	0.25	20	0.76	786	2	0.01	<1	610	33	2.18	<2	4
K271540		3.84	<10	<1	0.27	10	0.73	1020	<1	0.01	2	680	56	4.28	<2	2
K271541		4.47	<10	<1	0.29	10	0.24	791	<1	<0.01	<1	570	41	5.04	<2	1
K271542		6.04	<10	<1	0.26	10	0.35	701	6	<0.01	<1	490	92	6.49	<2	3
K271543		2.61	<10	<1	0.23	20	0.87	899	2	<0.01	<1	510	10	0.77	<2	6
K271544		3.10	<10	<1	0.19	10	0.54	618	5	<0.01	<1	550	14	1.43	<2	7
K271545		14.00	<10	1	0.08	<10	0.18	1490	<1	<0.01	9	140	>10000	>10.0	591	1
K271546		2.57	<10	<1	0.15	20	0.65	524	<1	0.07	1	580	6	0.28	<2	6
K271547		2.76	<10	1	0.18	20	0.68	596	<1	0.06	<1	570	848	0.38	<2	6
K271548		4.77	<10	<1	0.25	20	0.72	2490	4	<0.01	<1	480	433	1.12	11	6
K271549		5.73	<10	1	0.25	10	0.58	1220	15	<0.01	<1	480	3330	4.49	13	5
K271550		0.38	<10	<1	0.03	10	11.90	179	<1	<0.01	<1	270	6	0.02	<2	<1
K271551		3.30	<10	<1	0.26	20	0.80	888	<1	0.01	<1	610	137	1.93	<2	5
K271552		2.85	<10	1	0.21	20	0.74	648	<1	0.04	<1	570	21	0.74	<2	6
K271553		2.77	<10	<1	0.16	20	0.75	598	<1	0.07	<1	590	53	0.45	<2	6
K271554		2.71	<10	1	0.18	20	0.70	575	<1	0.05	<1	590	10	0.76	<2	7
K271555		3.21	<10	<1	0.24	20	0.56	936	4	0.02	3	510	713	2.37	6	5
K271556		13.50	<10	1	0.07	<10	0.17	1405	1	0.02	11	130	>10000	>10.0	557	1
K271557		2.07	<10	<1	0.12	<10	0.99	541	1	0.01	19	180	32	0.11	4	5
K271558		4.31	<10	1	0.22	10	0.38	842	3	0.02	7	390	9060	4.50	58	2
K271559		2.68	<10	<1	0.24	10	0.61	808	8	0.02	11	460	1320	1.37	30	4
K271560		1.71	<10	<1	0.17	10	0.71	484	2	0.02	14	390	240	0.16	10	4
K271561		2.53	<10	<1	0.17	20	0.61	595	6	0.04	2	480	229	0.52	12	5
K271562		2.38	<10	<1	0.13	20	0.65	423	1	0.07	2	540	18	0.44	<2	5
K271563		2.63	10	<1	0.12	20	0.74	490	1	0.07	3	540	14	0.52	<2	5

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11133033

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K271528		62	<20	<0.01	<10	<10	10	<10	4270	9		
K271529		137	<20	<0.01	<10	<10	16	<10	243	<1		
K271530		148	<20	<0.01	<10	<10	23	<10	150	<1		
K271531		42	<20	<0.01	<10	10	9	20	>10000	170	2.83	8.89
K271532		240	<20	<0.01	<10	<10	24	<10	843	1		
K271533		25	<20	<0.01	<10	<10	5	10	>10000	43		1.560
K271534		60	<20	<0.01	<10	<10	2	<10	27	<1		
K271535		103	<20	<0.01	<10	<10	18	<10	423	1		
K271536		169	<20	<0.01	<10	<10	23	<10	56	1		
K271537		155	<20	<0.01	<10	<10	22	<10	53	1		
K271538		171	<20	<0.01	<10	<10	23	<10	57	1		
K271539		122	<20	<0.01	<10	<10	18	<10	40	1		
K271540		246	<20	<0.01	<10	10	6	<10	75	2		
K271541		95	<20	<0.01	<10	<10	4	<10	53	2		
K271542		70	<20	<0.01	<10	<10	12	<10	71	2		
K271543		143	<20	<0.01	<10	<10	24	<10	38	1		
K271544		145	<20	<0.01	<10	<10	25	<10	36	1		
K271545		21	<20	<0.01	<10	<10	8	150	>10000	403	3.10	3.56
K271546		89	<20	0.03	<10	<10	42	<10	36	2		
K271547		85	<20	0.03	<10	<10	41	<10	388	6		
K271548		127	<20	<0.01	<10	<10	20	<10	1260	3		
K271549		97	<20	<0.01	<10	10	18	<10	6180	12		
K271550		55	<20	<0.01	<10	<10	1	<10	55	1		
K271551		116	<20	<0.01	<10	<10	24	<10	315	1		
K271552		109	<20	0.01	<10	<10	37	<10	65	1		
K271553		103	<20	0.02	<10	<10	44	<10	80	<1		
K271554		175	<20	<0.01	<10	<10	34	<10	41	<1		
K271555		116	<20	<0.01	<10	<10	16	<10	3600	4		
K271556		20	<20	<0.01	<10	<10	7	160	>10000	407	3.11	3.56
K271557		257	<20	<0.01	<10	<10	26	<10	91	1		
K271558		93	<20	<0.01	<10	<10	8	10	>10000	47		1.490
K271559		185	<20	<0.01	<10	10	16	<10	2240	9		
K271560		183	<20	<0.01	<10	<10	19	<10	439	2		
K271561		132	<20	0.01	<10	<10	31	<10	334	2		
K271562		67	<20	0.06	<10	<10	43	<10	45	1		
K271563		63	<20	0.06	<10	<10	45	<10	41	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11133147

Project: Klaza- DDH- 17

P.O. No.: Batch 5

This report is for 17 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11133147

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271564		5.56	0.008	0.7	1.23	22	<10	240	0.5	3	2.58	3.5	7	10	20	3.01
K271565		11.34	<0.005	<0.2	1.28	5	<10	230	<0.5	2	1.40	<0.5	6	13	4	2.81
K271566		5.12	<0.005	<0.2	1.28	3	<10	210	<0.5	2	1.40	<0.5	6	11	4	2.77
K271567		7.38	0.139	11.7	0.78	898	<10	80	0.5	5	2.26	25.2	8	8	52	3.61
K271568		10.47	0.185	3.5	1.17	380	<10	270	<0.5	4	1.58	24.0	7	11	35	2.92
K271569		9.27	<0.005	<0.2	1.20	10	<10	190	<0.5	2	1.43	0.6	6	11	27	2.72
K271570		8.76	0.207	18.6	0.82	912	<10	40	0.5	6	1.90	23.5	9	8	107	4.66
K271571		2.85	<0.005	<0.2	0.10	3	<10	20	<0.5	3	19.7	<0.5	1	<1	2	0.42
K271572		6.23	<0.005	<0.2	1.31	6	<10	240	<0.5	3	1.16	<0.5	7	11	5	2.77
K271573		6.68	0.040	1.2	1.31	10	<10	180	<0.5	6	1.62	<0.5	13	11	6	3.26
K271574		5.48	0.043	3.2	3.02	51	<10	250	<0.5	5	3.40	5.7	10	5	22	5.80
K271575		8.71	0.062	0.8	1.20	30	<10	200	<0.5	4	1.71	4.5	7	11	17	2.93
K271576		8.26	0.006	<0.2	1.39	<2	<10	220	<0.5	2	1.74	<0.5	13	10	4	2.91
K271577		10.58	0.005	0.3	0.59	5	<10	150	<0.5	3	4.15	0.9	9	6	4	2.11
K271578		10.30	0.100	1.8	0.96	22	<10	160	<0.5	4	2.31	1.6	13	9	23	2.82
K271579		7.88	<0.005	<0.2	1.31	3	<10	200	<0.5	<2	1.15	<0.5	5	11	7	2.43
K271580		7.69	<0.005	<0.2	1.35	4	<10	190	<0.5	<2	1.07	<0.5	6	11	6	2.59

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VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11133147

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271564		10	<1	0.31	20	0.65	740	1	0.06	<1	570	16	1.31	<2	5	97
K271565		10	<1	0.18	20	0.70	418	1	0.10	<1	610	5	0.38	<2	5	74
K271566		10	<1	0.18	20	0.70	418	1	0.10	1	600	5	0.38	<2	5	70
K271567		<10	1	0.34	20	0.62	892	1	0.04	1	550	1220	2.49	18	4	91
K271568		10	<1	0.23	20	0.69	596	1	0.10	<1	590	380	0.91	6	5	95
K271569		10	<1	0.21	20	0.68	499	1	0.10	1	580	11	0.47	<2	5	73
K271570		<10	<1	0.39	10	0.56	1215	2	0.03	1	550	2480	3.76	32	4	101
K271571		<10	1	0.06	<10	12.05	194	<1	0.02	<1	290	2	0.04	2	<1	55
K271572		10	<1	0.19	20	0.74	384	1	0.11	1	580	10	0.99	<2	5	69
K271573		10	1	0.22	20	0.77	496	2	0.10	1	560	13	1.65	<2	6	68
K271574		10	<1	0.36	10	1.76	1695	1	0.19	2	1200	491	1.22	<2	10	205
K271575		10	<1	0.26	20	0.64	757	1	0.07	<1	570	182	1.25	<2	4	87
K271576		10	<1	0.22	20	0.74	477	1	0.10	1	600	13	0.95	<2	6	84
K271577		<10	<1	0.33	10	0.53	1340	5	0.03	<1	560	25	1.00	<2	3	84
K271578		10	<1	0.30	20	0.59	814	1	0.05	<1	540	92	1.49	<2	4	83
K271579		10	<1	0.18	20	0.59	429	1	0.11	<1	560	13	0.09	<2	3	63
K271580		10	1	0.15	20	0.64	389	1	0.11	2	600	20	0.26	<2	4	78

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CERTIFICATE OF ANALYSIS WH11133147

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271564		<20	0.01	<10	<10	35	<10	357	<1
K271565		<20	0.10	<10	<10	54	<10	33	<1
K271566		<20	0.09	<10	<10	52	<10	34	<1
K271567		<20	0.01	<10	<10	22	<10	2310	11
K271568		<20	0.03	<10	<10	45	<10	2010	3
K271569		20	0.08	<10	<10	49	<10	73	<1
K271570		<20	0.01	<10	<10	21	<10	2440	17
K271571		<20	<0.01	<10	<10	2	<10	18	<1
K271572		<20	0.12	<10	<10	48	<10	35	<1
K271573		<20	0.06	<10	<10	48	<10	40	1
K271574		<20	0.09	<10	<10	114	<10	657	3
K271575		<20	0.06	<10	<10	42	<10	543	<1
K271576		<20	0.05	<10	<10	52	<10	40	<1
K271577		<20	<0.01	<10	<10	15	<10	83	<1
K271578		<20	0.01	<10	<10	30	<10	206	2
K271579		<20	0.14	<10	<10	51	<10	35	<1
K271580		<20	0.14	<10	<10	54	<10	40	<1

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CERTIFICATE WH11133148

Project: Klaza- DDH- 20

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11133148

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272201		8.32	0.006	1.8	1.06	17	<10	420	0.6	3	1.66	5.8	5	9	17	2.81
K272202		5.59	<0.005	<0.2	1.35	6	<10	240	0.5	2	1.50	0.8	6	8	8	2.87
K272203		3.76	0.034	6.5	1.08	23	<10	850	0.6	3	1.63	26.2	5	6	33	3.39
K272204		7.16	0.135	9.9	0.98	81	<10	560	0.7	3	1.51	37.4	6	5	54	3.29
K272205		7.04	<0.005	<0.2	1.17	8	<10	190	0.5	2	1.97	1.9	4	6	7	2.47
K272206		0.09	1.420	32.0	4.96	142	<10	50	<0.5	10	4.27	31.6	85	56	7100	8.22
K272207		7.28	0.010	1.3	1.18	10	<10	320	0.5	<2	1.72	2.4	7	8	15	2.74
K272208		11.92	0.008	0.4	0.95	10	<10	240	<0.5	<2	1.58	5.0	6	7	7	2.61
K272209		11.45	0.013	0.8	1.08	8	<10	300	0.5	<2	1.79	7.9	11	10	12	2.59
K272210		12.06	0.006	0.7	1.20	6	<10	150	0.5	<2	1.46	5.7	5	8	9	2.66
K272211		12.05	<0.005	0.6	1.41	6	<10	200	0.5	<2	1.55	2.3	6	9	7	2.80
K272212		2.86	<0.005	<0.2	0.06	<2	<10	10	<0.5	2	18.2	<0.5	1	1	<1	0.41
K272213		12.21	<0.005	0.7	1.08	9	<10	260	<0.5	<2	1.76	1.7	6	9	3	2.40
K272214		13.56	0.140	5.7	0.77	440	<10	370	0.5	<2	2.22	28.3	9	5	25	2.77
K272215		12.60	<0.005	0.3	1.22	12	<10	230	0.5	<2	1.69	0.8	5	8	3	2.67
K272216		10.27	0.112	5.4	0.50	525	<10	260	0.5	<2	2.03	23.1	4	3	18	3.18
K272217		8.20	<0.005	0.3	1.03	14	<10	380	0.5	<2	2.09	2.2	4	7	13	2.26
K272218		0.08	1.540	32.1	4.99	151	<10	50	<0.5	10	4.25	31.7	86	57	7180	8.21
K272219		7.32	<0.005	0.4	1.08	8	<10	460	0.5	<2	2.05	1.7	4	8	10	2.61
K272220		12.16	0.006	0.2	1.22	9	<10	240	<0.5	<2	1.48	0.9	7	9	7	2.59
K272221		11.38	<0.005	<0.2	1.17	5	<10	210	<0.5	<2	1.39	0.8	7	9	5	2.67
K272222		4.35	0.026	1.7	0.83	16	<10	240	0.6	2	2.31	9.7	12	5	12	2.97
K272223		4.17	0.053	4.9	0.67	38	<10	80	0.7	3	2.42	11.3	14	3	8	3.08
K272224		11.28	<0.005	0.3	0.81	8	<10	330	0.5	<2	1.71	1.1	7	6	6	2.50
K272225		6.40	<0.005	0.3	1.10	6	<10	380	0.5	<2	1.65	0.6	7	7	8	2.58
K272226		11.72	0.005	0.4	1.16	15	<10	180	0.8	<2	1.74	1.1	7	7	6	2.97
K272227		6.40	0.005	1.0	1.07	14	<10	130	0.9	2	1.42	1.7	7	6	11	2.95
K272228		7.12	0.183	5.9	0.59	334	<10	50	0.6	3	3.16	16.4	5	5	41	4.02
K272229		2.20	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	19.1	<0.5	<1	<1	<1	0.45
K272230		9.99	<0.005	0.5	0.99	12	<10	260	0.5	<2	1.68	2.0	6	7	8	2.84
K272231		4.70	0.569	87.5	0.57	1480	<10	80	0.8	2	2.18	86.3	6	4	335	3.20
K272232		12.08	0.012	2.3	1.16	37	<10	270	0.5	<2	1.85	29.2	7	7	11	2.95
K272233		12.48	<0.005	0.9	1.54	9	<10	190	0.5	<2	1.16	1.6	5	9	9	2.56
K272234		7.29	<0.005	<0.2	1.52	4	<10	130	0.5	<2	1.15	<0.5	6	8	10	2.58
K272235		8.33	0.005	0.4	1.39	10	<10	140	<0.5	<2	1.31	1.7	6	9	12	2.70
K272236		12.69	<0.005	<0.2	1.43	4	<10	170	<0.5	<2	1.19	<0.5	5	10	5	2.60

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CERTIFICATE OF ANALYSIS WH11133148

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272201		10	<1	0.22	20	0.41	741	1	0.06	2	610	401	0.06	<2	6	51
K272202		10	<1	0.21	20	0.59	508	1	0.11	2	610	7	0.03	<2	7	64
K272203		10	1	0.29	20	0.42	1180	1	0.06	1	610	2020	0.18	4	6	60
K272204		<10	1	0.35	20	0.42	1645	1	0.02	<1	540	2880	0.43	7	6	40
K272205		10	<1	0.19	20	0.47	539	1	0.06	<1	550	65	0.02	<2	6	67
K272206		10	1	0.23	10	1.14	618	47	0.35	316	670	8070	7.15	23	4	81
K272207		<10	<1	0.21	20	0.58	645	1	0.07	3	560	346	0.13	<2	6	63
K272208		<10	<1	0.18	20	0.62	637	<1	0.07	3	580	87	0.10	<2	6	58
K272209		<10	<1	0.21	20	0.53	603	1	0.07	3	580	173	0.14	2	6	58
K272210		<10	<1	0.18	20	0.54	598	1	0.07	2	570	126	0.04	<2	5	58
K272211		10	<1	0.21	20	0.62	586	<1	0.11	3	560	132	0.04	<2	5	65
K272212		<10	<1	0.03	10	11.95	193	<1	0.02	4	200	2	0.04	<2	<1	54
K272213		<10	<1	0.23	20	0.59	515	1	0.09	3	520	134	0.12	<2	5	53
K272214		<10	<1	0.35	20	0.53	1580	6	0.03	2	560	1480	0.63	4	5	64
K272215		<10	<1	0.23	20	0.62	619	2	0.08	3	560	48	0.08	<2	6	61
K272216		<10	<1	0.37	10	0.58	2240	1	0.02	2	500	1505	1.14	4	3	44
K272217		<10	<1	0.23	20	0.58	615	1	0.08	2	570	80	0.08	<2	6	73
K272218		10	1	0.24	10	1.14	619	47	0.35	313	680	8030	7.18	25	4	82
K272219		<10	<1	0.26	20	0.57	911	<1	0.08	2	560	95	0.09	2	6	78
K272220		<10	<1	0.21	20	0.67	472	1	0.12	4	570	34	0.20	<2	5	50
K272221		<10	<1	0.19	20	0.68	507	3	0.10	3	560	95	0.12	<2	5	47
K272222		<10	<1	0.34	20	0.71	1185	4	0.04	3	540	267	0.89	<2	5	71
K272223		<10	<1	0.32	20	0.61	1225	2	0.02	3	430	1650	1.30	2	5	76
K272224		<10	<1	0.21	20	0.56	726	2	0.06	3	540	80	0.22	<2	6	72
K272225		<10	<1	0.26	20	0.55	676	3	0.08	2	540	35	0.23	<2	6	69
K272226		<10	<1	0.33	20	0.65	1165	1	0.04	4	520	68	0.33	2	6	54
K272227		<10	1	0.33	20	0.55	1125	1	0.03	3	520	156	0.19	2	6	54
K272228		<10	<1	0.30	10	1.07	2470	3	0.02	2	400	963	2.15	10	4	58
K272229		<10	<1	0.02	10	12.55	213	<1	0.02	3	200	2	0.04	<2	<1	54
K272230		<10	<1	0.18	20	0.71	713	1	0.08	3	600	109	0.05	<2	7	72
K272231		<10	2	0.29	20	0.67	1445	2	0.02	2	450	>10000	2.18	94	5	61
K272232		<10	<1	0.27	20	0.67	938	1	0.08	1	590	464	0.22	<2	6	58
K272233		10	<1	0.19	20	0.63	450	1	0.13	3	540	196	0.03	<2	4	45
K272234		10	<1	0.15	20	0.63	443	1	0.11	3	640	23	0.01	<2	3	42
K272235		10	<1	0.17	20	0.63	562	1	0.10	3	560	62	0.08	<2	4	41
K272236		10	<1	0.15	20	0.63	434	1	0.11	2	560	38	0.02	<2	4	42

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CERTIFICATE OF ANALYSIS WH11133148

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K272201		<20	0.03	<10	<10	45	<10	523	1	
K272202		<20	0.03	<10	<10	49	<10	112	<1	
K272203		<20	0.02	<10	<10	44	<10	1560	6	
K272204		<20	<0.01	<10	<10	30	<10	2140	9	
K272205		20	0.02	<10	<10	41	<10	198	1	
K272206		<20	0.06	<10	<10	314	<10	7530	31	
K272207		<20	0.01	<10	<10	44	<10	201	1	
K272208		<20	0.03	<10	<10	43	<10	388	1	
K272209		<20	0.03	<10	<10	45	<10	518	1	
K272210		<20	0.05	<10	<10	45	<10	383	<1	
K272211		<20	0.05	<10	<10	49	<10	212	<1	
K272212		<20	<0.01	<10	<10	2	<10	16	<1	
K272213		<20	0.05	<10	<10	44	<10	175	1	
K272214		<20	<0.01	<10	<10	26	<10	2080	5	
K272215		<20	0.03	<10	<10	45	<10	105	1	
K272216		<20	<0.01	<10	<10	11	<10	1730	5	
K272217		<20	0.02	<10	<10	42	<10	222	<1	
K272218		<20	0.06	<10	<10	314	10	7510	29	
K272219		<20	0.02	<10	<10	42	<10	180	<1	
K272220		<20	0.11	<10	<10	52	<10	97	<1	
K272221		<20	0.08	<10	<10	51	<10	113	<1	
K272222		<20	<0.01	<10	<10	27	<10	843	1	
K272223		<20	<0.01	<10	<10	22	<10	885	4	
K272224		<20	0.02	<10	<10	37	<10	121	1	
K272225		<20	0.02	<10	<10	39	<10	77	<1	
K272226		<20	<0.01	<10	<10	33	<10	119	1	
K272227		<20	<0.01	<10	<10	31	<10	255	1	
K272228		<20	<0.01	<10	<10	16	<10	1465	5	
K272229		<20	<0.01	<10	<10	2	<10	19	<1	
K272230		<20	0.03	<10	<10	44	<10	194	1	
K272231		<20	<0.01	<10	<10	19	<10	7190	83	1.905
K272232		<20	0.03	<10	<10	43	<10	1985	<1	
K272233		<20	0.14	<10	<10	50	<10	129	<1	
K272234		<20	0.15	<10	<10	54	<10	54	<1	
K272235		<20	0.11	<10	<10	50	<10	146	<1	
K272236		<20	0.13	<10	<10	52	<10	62	<1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11134166

Project: Klaza TR- 33

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Ag- GRA21	Ag 30g FA- GRAV finish	WST- SIM

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11134166

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K275126		4.65	0.005		0.6	0.95	13	<10	340	0.7	<2	0.30	<0.5	3	6	21
K275127		3.77	<0.005		0.3	0.83	14	<10	330	0.8	2	0.28	<0.5	7	6	14
K275128		5.41	0.057		0.8	0.96	31	<10	470	1.1	3	0.24	<0.5	7	4	40
K275129		4.44	0.010		0.5	0.72	18	<10	890	0.7	2	0.26	<0.5	8	6	18
K275130		3.45	<0.005		0.6	0.67	11	<10	630	0.6	<2	0.38	<0.5	16	4	12
K275131		4.02	<0.005		0.4	1.16	6	<10	410	0.5	<2	0.49	<0.5	6	7	8
K275132		4.78	0.005		0.8	0.69	13	<10	240	0.5	2	0.28	<0.5	41	3	17
K275133		3.82	<0.005		0.4	0.96	15	<10	350	0.7	<2	0.27	0.6	6	7	16
K275134		4.74	0.078		9.1	0.67	190	<10	600	0.9	<2	0.26	6.2	7	5	42
K275135		4.96	<0.005		0.3	1.52	15	<10	460	0.7	<2	0.33	0.6	9	8	27
K275136		3.43	<0.005		0.3	1.48	11	<10	450	0.6	<2	0.35	<0.5	8	7	32
K275137		3.92	0.013		0.4	0.92	50	<10	330	0.7	<2	0.26	<0.5	5	7	16
K275138		3.78	0.019		0.6	0.74	144	<10	340	0.7	<2	0.26	0.7	6	6	32
K275139		3.92	<0.005		0.2	1.23	6	<10	380	<0.5	<2	0.49	<0.5	6	9	15
K275140		3.70	<0.005		0.4	1.20	12	<10	300	0.6	<2	0.30	<0.5	6	7	21
K275141		3.54	<0.005		0.3	1.17	9	<10	200	<0.5	2	0.39	<0.5	5	9	18
K275142		4.17	<0.005		0.2	1.39	5	<10	140	<0.5	<2	0.33	<0.5	3	7	7
K275143		3.80	0.008		0.4	1.59	11	<10	220	0.5	<2	0.29	<0.5	3	8	13
K275144		5.15	<0.005		0.2	1.20	4	<10	360	<0.5	<2	0.39	<0.5	7	7	11
K275145		0.15	1.290		32.9	4.58	140	<10	30	<0.5	16	4.41	30.4	82	54	6780
K275146		4.43	<0.005		0.2	1.28	9	<10	240	0.5	<2	0.42	<0.5	5	8	15
K275147		4.35	0.037		0.5	1.05	37	<10	630	0.8	2	0.55	<0.5	14	4	18
K275148		3.13	<0.005		<0.2	0.81	13	<10	400	0.7	<2	0.21	<0.5	7	6	21
K275149		4.43	<0.005		0.3	0.81	26	<10	790	0.7	<2	0.24	<0.5	10	5	15
K275150		3.56	<0.005		0.4	0.88	18	<10	1320	0.6	<2	0.22	0.5	7	6	12
K275151		4.72	<0.005		0.2	2.01	10	<10	520	1.2	<2	0.47	<0.5	9	7	11
K275152		4.16	<0.005		0.2	1.46	14	<10	230	0.7	<2	0.37	<0.5	7	7	10
K275153		3.85	0.337		30.6	0.55	978	<10	1450	0.7	<2	0.13	5.9	3	4	86
K275154		3.90	>10.0	11.95	>100	0.29	>10000	<10	130	0.6	<2	0.09	207	5	3	960
K275155		3.13	0.014		1.9	0.05	21	<10	30	<0.5	<2	19.3	<0.5	2	<1	4
K275156		5.04	0.090		13.5	0.72	255	<10	880	0.7	<2	0.28	5.9	5	5	19
K275157		5.50	0.030		2.8	0.80	138	<10	1230	0.7	<2	0.31	4.2	8	4	11
K275158		4.01	0.455		3.5	0.52	646	<10	1630	0.9	<2	0.25	16.4	8	4	19
K275159		5.00	0.028		1.5	0.57	127	<10	240	0.8	<2	0.41	5.4	8	4	18
K275160		4.36	0.030		1.2	1.16	124	<10	180	0.7	<2	0.33	3.3	6	6	14
K275161		2.92	0.021		1.2	1.47	74	<10	290	0.7	<2	0.45	2.4	7	6	8

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VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11134166

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K275126		3.06	<10	<1	0.22	20	0.24	1030	<1	0.03	3	610	12	<0.01	<2	6
K275127		2.90	<10	<1	0.26	30	0.12	906	<1	0.03	3	680	13	0.01	4	6
K275128		5.05	<10	1	0.28	40	0.13	2140	<1	0.02	5	330	25	0.01	<2	6
K275129		3.68	<10	<1	0.25	30	0.10	1480	<1	0.04	4	570	15	0.02	<2	5
K275130		3.28	<10	1	0.27	30	0.11	1230	<1	0.04	3	640	12	0.17	<2	4
K275131		3.34	10	1	0.26	20	0.46	953	<1	0.06	3	660	10	0.06	<2	5
K275132		6.39	<10	1	0.29	30	0.12	1615	<1	0.04	3	640	24	0.92	<2	5
K275133		2.57	<10	<1	0.23	30	0.12	797	<1	0.01	3	620	29	<0.01	<2	9
K275134		3.42	<10	1	0.21	40	0.06	5700	2	0.01	4	560	290	0.04	30	8
K275135		3.26	10	1	0.20	20	0.40	712	<1	0.02	3	680	13	<0.01	<2	9
K275136		3.17	10	<1	0.21	20	0.55	646	<1	0.04	2	630	14	<0.01	<2	6
K275137		3.02	<10	<1	0.29	30	0.15	1420	<1	0.03	3	580	20	<0.01	<2	6
K275138		3.30	<10	<1	0.25	40	0.13	1875	<1	0.02	4	580	51	0.01	5	6
K275139		2.84	10	<1	0.24	20	0.51	662	<1	0.08	4	580	13	<0.01	<2	6
K275140		3.02	<10	<1	0.19	30	0.38	774	<1	0.04	3	590	14	<0.01	<2	6
K275141		2.70	10	<1	0.18	20	0.58	578	<1	0.08	3	510	18	<0.01	<2	5
K275142		2.77	10	<1	0.17	20	0.75	700	<1	0.04	2	560	6	<0.01	<2	5
K275143		3.24	10	1	0.24	20	0.73	1060	<1	0.04	4	540	10	<0.01	<2	6
K275144		2.65	10	<1	0.19	20	0.65	560	<1	0.07	2	550	12	<0.01	<2	5
K275145		7.90	10	2	0.22	<10	1.09	589	46	0.32	300	650	7980	6.84	23	4
K275146		2.77	10	<1	0.19	20	0.64	705	2	0.04	5	560	16	0.01	<2	5
K275147		4.70	<10	<1	0.27	50	0.26	1710	2	0.03	3	670	16	0.05	4	6
K275148		2.81	<10	<1	0.16	30	0.07	841	3	0.01	1	590	10	0.02	3	9
K275149		2.91	<10	<1	0.17	30	0.08	986	3	0.01	1	620	18	0.03	3	9
K275150		2.86	<10	<1	0.16	30	0.07	903	2	0.01	1	640	12	0.04	4	9
K275151		3.50	10	<1	0.19	20	0.58	433	1	0.02	1	620	13	0.01	2	7
K275152		2.79	10	<1	0.13	20	0.49	399	1	0.01	1	650	12	0.01	2	6
K275153		3.29	<10	1	0.30	40	0.04	624	3	0.01	<1	330	398	0.24	55	5
K275154		6.71	10	13	0.17	20	0.02	6330	36	0.01	<1	140	>10000	1.13	1440	2
K275155		0.43	<10	<1	0.02	<10	12.05	190	<1	0.02	<1	230	22	0.03	2	<1
K275156		2.72	<10	1	0.28	30	0.10	1335	2	0.01	1	560	171	0.04	12	5
K275157		2.89	<10	1	0.23	30	0.10	937	1	0.02	<1	620	44	0.05	6	5
K275158		2.92	<10	<1	0.23	20	0.05	8430	3	0.01	1	330	62	0.12	20	6
K275159		2.42	<10	1	0.19	20	0.05	2350	2	0.01	<1	470	358	0.04	12	7
K275160		2.55	<10	<1	0.16	20	0.32	765	1	0.01	<1	640	23	0.02	8	7
K275161		2.96	10	<1	0.14	20	0.53	494	1	0.05	1	580	25	0.01	5	6

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VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11134166

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Ag- GRA21
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5
K275126		17	20	0.01	<10	<10	35	<10	61			
K275127		16	20	0.01	<10	<10	35	<10	47			
K275128		18	30	0.01	<10	<10	29	<10	80			
K275129		20	<20	0.01	<10	<10	30	<10	61			
K275130		17	20	<0.01	<10	<10	25	<10	59			
K275131		23	<20	0.01	<10	<10	45	<10	56			
K275132		20	<20	<0.01	<10	<10	23	<10	99			
K275133		11	<20	0.02	<10	<10	41	<10	99			
K275134		17	<20	<0.01	<10	<10	24	<10	449			
K275135		13	<20	0.04	<10	<10	53	<10	98			
K275136		19	<20	0.06	<10	<10	54	<10	76			
K275137		14	<20	0.01	<10	<10	32	<10	64			
K275138		14	<20	0.01	<10	<10	26	<10	141			
K275139		29	<20	0.07	<10	<10	51	<10	52			
K275140		16	<20	0.02	<10	<10	44	<10	55			
K275141		27	20	0.05	<10	<10	46	<10	44			
K275142		13	<20	0.01	<10	<10	43	<10	52			
K275143		12	<20	0.01	<10	<10	39	<10	90			
K275144		28	<20	0.08	<10	<10	51	<10	44			
K275145		73	<20	0.05	<10	<10	301	<10	7540			
K275146		27	<20	0.03	<10	<10	45	<10	55			
K275147		20	20	0.01	<10	<10	35	<10	104			
K275148		8	20	0.01	<10	<10	41	<10	71			
K275149		10	<20	0.01	<10	<10	41	<10	110			
K275150		11	<20	0.02	<10	<10	42	<10	109			
K275151		17	<20	0.04	<10	<10	53	<10	84			
K275152		11	<20	0.01	<10	<10	46	<10	170			
K275153		79	<20	<0.01	<10	<10	17	<10	874			
K275154		73	<20	<0.01	<10	30	11	<10	5180	>1500	2.41	1805
K275155		54	<20	<0.01	<10	<10	2	<10	14			
K275156		16	<20	<0.01	<10	<10	26	<10	461			
K275157		16	<20	<0.01	<10	<10	30	<10	344			
K275158		43	<20	<0.01	<10	<10	25	<10	696			
K275159		22	<20	<0.01	<10	<10	28	<10	461			
K275160		13	<20	0.01	<10	<10	42	<10	524			
K275161		33	<20	0.02	<10	<10	46	<10	527			

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Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11134167

Project: Klaza TR- 31

P.O. No.: Batch 8

This report is for 1 Rock sample submitted to our lab in Whitehorse, YT, Canada on 15- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11134167

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275051		2.03	0.068	0.6	0.66	73	<10	680	0.6	<2	0.33	1.1	29	7	12	3.81

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CERTIFICATE OF ANALYSIS WH11134167

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275051		<10	<1	0.25	20	0.08	1325	3	0.01	8	540	49	0.40	3	5	22

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1016 - 510 W HASTINGS STREET
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Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11134167

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275051		<20	<0.01	<10	<10	25	<10	162

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11134885

Project: Klaza DDH- 14

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11134885

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K271265		<1
K271266		68
K271267		16
K271268		<1
K271269		<1
K271270		2
K271271		<1
K271272		<1
K271273		<1
K271274		<1
K271275		<1
K271276		<1
K271277		32
K271278		3
K271279		1
K271280		<1
K271281		<1
K271282		1
K271283		<1
K271284		1
K271285		1
K271286		<1
K271287		37
K271288		69
K271289		1
K271290		9
K271291		<1
K271292		1
K271293		1
K271294		445
K271295		5
K271296		1
K271297		<1
K271298		<1
K271299		4
K271300		1

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Finalized Date: 28- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11134889

Project: Klaza- DDH- 16

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 16

CERTIFICATE OF ANALYSIS WH11134889

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
K271705		0.473	
K271706		0.998	
K271707		<0.005	
K271708		0.048	
K271709		0.005	
K271710		0.009	
K271711		<0.005	
K271712		<0.005	
K271713		0.005	
K271714		<0.005	
K271715		<0.005	
K271716		0.694	
K271717		1.495	
K271718		0.043	
K271719		0.810	
K271720		<0.005	
K271721		0.016	
K271722		0.279	
K271723		>10.0	11.15
K271724		>10.0	10.85
K271725		0.014	
K271726		0.461	
K271727		1.890	
K271728		0.015	
K271729		0.024	
K271730		0.005	
K271731		0.076	
K271732		0.007	
K271733		0.008	
K271734		0.011	
K271735		<0.005	
K271736		3.21	
K271737		0.039	
K271738		0.563	
K271739		0.027	
K271740		0.018	

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Finalized Date: 16- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11135373

Project: Klaza TR- 31

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135373

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274979		5.89	0.005	0.3	0.67	29	<10	410	0.9	<2	1.60	<0.5	8	4	9	3.13
K274980		4.04	<0.005	<0.2	1.11	7	<10	190	0.6	<2	0.33	<0.5	5	7	16	2.51
K274981		3.24	0.176	1.4	1.03	29	<10	590	0.5	<2	0.69	<0.5	21	7	9	2.61
K274982		2.77	0.078	1.0	0.64	534	<10	300	0.5	<2	2.80	0.8	18	3	6	3.43
K274983		2.93	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	20.3	<0.5	1	<1	1	0.40
K274984		4.05	<0.005	<0.2	1.21	8	<10	290	<0.5	<2	0.67	<0.5	6	12	8	2.87
K274985		4.22	<0.005	0.4	0.73	22	<10	450	0.7	2	0.39	<0.5	6	5	15	2.85
K274986		4.34	<0.005	<0.2	0.76	20	<10	680	0.8	<2	1.01	<0.5	7	4	8	2.55
K274987		3.00	<0.005	<0.2	1.08	12	<10	390	0.6	<2	0.76	<0.5	11	6	5	3.08
K274988		3.04	<0.005	0.8	0.55	50	<10	1230	0.9	<2	1.52	1.5	5	3	11	4.59
K274989		3.08	<0.005	0.5	0.60	27	<10	280	1.0	<2	0.38	<0.5	8	4	8	2.36
K274990		2.84	0.008	0.4	0.55	22	<10	1320	0.5	<2	1.15	<0.5	17	4	3	2.24
K274991		4.53	<0.005	0.2	1.33	3	<10	410	0.7	<2	0.35	<0.5	7	6	13	2.82
K274992		4.83	<0.005	0.3	0.65	19	<10	320	0.9	<2	0.45	<0.5	8	3	10	2.74
K274993		4.93	<0.005	0.2	0.59	21	<10	380	0.7	<2	0.82	<0.5	7	3	8	2.52
K274994		4.29	<0.005	<0.2	0.68	22	<10	580	0.9	<2	0.62	<0.5	8	3	9	3.00
K274995		5.63	<0.005	0.2	1.19	14	<10	310	<0.5	<2	0.92	<0.5	7	9	9	2.86
K274996		3.27	0.009	<0.2	0.81	17	<10	540	0.5	<2	0.73	<0.5	15	8	6	2.79
K274997		1.96	<0.005	0.2	0.69	17	<10	310	0.6	<2	0.48	<0.5	7	7	12	2.61
K274998		3.82	<0.005	<0.2	1.22	8	<10	340	<0.5	<2	0.45	<0.5	7	8	9	2.94
K274999		3.23	0.008	<0.2	0.92	20	<10	350	0.7	<2	0.31	<0.5	8	10	18	3.08
K275000		2.36	0.006	0.2	0.96	19	<10	330	0.6	<2	0.35	<0.5	9	11	18	2.88
K275001		3.64	0.005	<0.2	0.72	18	<10	370	0.8	<2	0.31	<0.5	7	5	12	2.56
K275002		3.24	<0.005	<0.2	0.84	14	<10	350	0.8	<2	0.49	<0.5	6	6	7	2.55
K275003		3.69	<0.005	<0.2	0.88	12	<10	320	0.5	<2	0.62	<0.5	6	7	8	2.66
K275004		2.53	<0.005	0.2	0.79	14	<10	330	0.7	<2	0.31	<0.5	6	6	10	2.56
K275005		4.19	<0.005	<0.2	0.95	7	<10	340	<0.5	<2	0.40	<0.5	7	8	12	2.48
K275006		3.94	<0.005	<0.2	1.00	6	<10	620	<0.5	<2	0.40	<0.5	7	8	12	2.60
K275007		3.28	<0.005	<0.2	0.96	10	<10	350	<0.5	<2	0.36	0.5	13	8	11	2.75
K275008		3.59	0.007	0.4	0.94	16	<10	310	0.8	<2	0.35	1.4	8	7	15	2.83
K275009		3.11	0.009	0.4	0.70	28	<10	470	0.6	<2	0.61	1.2	21	4	8	3.26
K275010		3.07	0.049	0.7	1.02	27	<10	580	0.6	<2	0.27	0.7	14	6	20	3.23
K275011		5.16	<0.005	<0.2	1.21	5	<10	790	<0.5	<2	0.50	<0.5	9	9	10	2.82
K275012		0.21	1.505	32.7	4.87	152	<10	40	<0.5	13	4.67	32.2	87	57	7260	8.28
K275013		4.66	0.005	0.2	1.26	7	<10	460	<0.5	<2	0.85	<0.5	8	9	21	2.81
K275014		5.55	0.010	0.4	0.66	22	<10	1510	0.7	<2	0.75	<0.5	8	6	23	2.94

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Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135373

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274979		<10	1	0.27	30	0.08	1145	2	0.02	2	630	11	0.04	<2	8	26
K274980		<10	<1	0.18	30	0.29	494	2	0.02	3	670	9	<0.01	3	7	12
K274981		<10	<1	0.34	20	0.23	918	2	0.03	4	590	10	0.09	2	4	25
K274982		<10	<1	0.28	20	0.54	2590	1	0.02	3	520	29	0.63	13	3	60
K274983		<10	<1	0.02	10	12.05	191	<1	0.01	2	290	<2	0.06	<2	<1	58
K274984		<10	<1	0.24	20	0.56	768	1	0.05	5	650	20	0.02	2	5	28
K274985		<10	<1	0.31	30	0.10	895	1	0.02	3	600	16	0.04	<2	6	14
K274986		<10	<1	0.32	30	0.09	900	1	0.01	2	620	13	0.02	2	7	21
K274987		<10	<1	0.29	30	0.28	953	1	0.03	3	600	10	0.03	2	4	27
K274988		<10	<1	0.28	30	0.08	5000	4	0.01	3	550	190	0.18	2	5	40
K274989		<10	1	0.28	20	0.05	823	1	<0.01	3	610	13	0.01	2	8	16
K274990		<10	<1	0.34	20	0.09	1275	4	0.01	2	430	47	0.25	<2	3	26
K274991		<10	<1	0.22	20	0.43	600	1	0.01	3	650	13	<0.01	<2	8	13
K274992		<10	<1	0.23	30	0.05	961	1	0.01	3	610	15	0.01	2	10	19
K274993		<10	<1	0.21	20	0.06	970	1	0.01	2	600	17	0.03	2	9	27
K274994		<10	<1	0.25	30	0.09	1075	1	0.01	3	600	13	0.04	2	9	22
K274995		<10	<1	0.24	20	0.56	842	1	0.06	4	590	50	0.03	<2	4	30
K274996		<10	<1	0.39	20	0.12	914	2	0.03	6	580	7	0.11	<2	3	26
K274997		<10	<1	0.27	30	0.10	737	1	0.03	4	600	13	0.02	<2	5	19
K274998		<10	1	0.25	20	0.51	765	1	0.06	5	620	9	0.02	<2	5	23
K274999		<10	<1	0.26	30	0.18	903	1	0.04	6	630	16	<0.01	<2	7	19
K275000		<10	<1	0.25	30	0.21	992	1	0.03	8	650	19	0.01	<2	6	21
K275001		<10	1	0.29	30	0.06	928	1	0.02	3	610	10	0.03	2	8	14
K275002		<10	<1	0.37	30	0.09	670	1	0.03	4	570	15	0.01	<2	5	18
K275003		<10	<1	0.25	20	0.20	637	1	0.04	3	610	12	0.02	2	5	21
K275004		<10	<1	0.32	30	0.08	714	1	0.03	5	640	19	<0.01	<2	6	12
K275005		<10	<1	0.23	20	0.33	602	1	0.06	4	580	12	<0.01	<2	5	21
K275006		<10	<1	0.25	20	0.36	581	1	0.09	3	550	10	<0.01	<2	5	27
K275007		<10	<1	0.25	20	0.36	779	1	0.05	5	600	41	0.02	<2	4	19
K275008		<10	<1	0.30	20	0.17	785	1	0.04	3	610	30	<0.01	<2	8	16
K275009		<10	<1	0.41	20	0.06	1615	2	0.01	3	610	34	0.10	<2	3	13
K275010		<10	<1	0.24	20	0.17	2130	1	0.02	3	610	82	0.03	3	7	14
K275011		<10	<1	0.18	20	0.54	588	1	0.07	3	610	10	<0.01	<2	5	31
K275012		<10	1	0.25	10	1.13	614	47	0.35	320	670	8170	7.27	29	4	77
K275013		<10	<1	0.25	20	0.54	788	1	0.08	3	590	17	0.01	<2	5	31
K275014		<10	<1	0.30	20	0.11	1430	1	0.02	3	610	15	0.08	3	6	31

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Finalized Date: 16- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135373

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274979		<20	<0.01	<10	<10	33	<10	51
K274980		<20	0.01	<10	<10	45	<10	45
K274981		<20	0.01	<10	<10	32	<10	55
K274982		<20	0.01	<10	<10	22	<10	106
K274983		<20	<0.01	<10	<10	2	<10	13
K274984		<20	0.05	<10	<10	48	<10	93
K274985		<20	<0.01	<10	<10	32	<10	75
K274986		<20	<0.01	<10	<10	32	<10	49
K274987		<20	0.02	<10	<10	36	<10	57
K274988		<20	<0.01	<10	<10	25	<10	175
K274989		<20	<0.01	<10	<10	31	<10	45
K274990		<20	<0.01	<10	<10	18	<10	56
K274991		20	0.03	<10	<10	50	<10	43
K274992		20	<0.01	<10	<10	35	<10	47
K274993		<20	<0.01	<10	<10	33	<10	43
K274994		<20	<0.01	<10	<10	34	<10	54
K274995		<20	0.04	<10	<10	46	<10	81
K274996		<20	0.01	<10	<10	29	<10	54
K274997		<20	0.01	<10	<10	32	<10	52
K274998		<20	0.03	<10	<10	44	<10	66
K274999		<20	0.01	<10	<10	41	<10	58
K275000		<20	0.02	<10	<10	40	<10	61
K275001		20	<0.01	<10	<10	33	<10	38
K275002		<20	<0.01	<10	<10	27	<10	45
K275003		<20	0.01	<10	<10	36	<10	42
K275004		<20	<0.01	<10	<10	28	<10	47
K275005		<20	0.03	<10	<10	38	<10	47
K275006		<20	0.05	<10	<10	44	<10	42
K275007		<20	0.03	<10	<10	41	<10	78
K275008		<20	0.01	<10	<10	39	<10	166
K275009		<20	<0.01	<10	<10	24	<10	143
K275010		<20	0.02	<10	<10	41	<10	100
K275011		<20	0.07	<10	<10	50	<10	48
K275012		<20	0.06	<10	<10	322	<10	7410
K275013		<20	0.08	<10	<10	50	<10	61
K275014		<20	<0.01	<10	<10	29	<10	51

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11135374

Project: Klaza TR- 31

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135374

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275015		2.41	<0.005	<0.2	2.12	13	<10	500	0.6	<2	2.57	<0.5	16	91	15	3.50
K275016		2.67	0.005	0.2	0.68	20	<10	800	0.6	<2	0.34	<0.5	7	6	13	2.61
K275017		2.21	<0.005	<0.2	1.00	9	<10	360	<0.5	<2	0.96	<0.5	7	8	8	2.63
K275018		4.12	0.017	0.6	0.61	46	<10	760	0.7	<2	0.37	<0.5	8	4	10	3.16
K275019		1.57	0.009	<0.2	0.90	17	<10	1270	0.6	<2	2.87	<0.5	7	6	11	3.26
K275020		4.41	<0.005	<0.2	0.89	11	<10	1120	0.7	<2	0.56	<0.5	7	7	10	2.75
K275021		3.60	<0.005	<0.2	0.88	10	<10	440	0.5	<2	0.80	<0.5	7	7	6	2.65
K275022		2.30	0.006	0.4	0.70	25	<10	420	0.7	<2	0.31	<0.5	8	5	12	2.93
K275023		3.19	<0.005	0.2	1.09	14	<10	460	0.5	<2	0.52	<0.5	9	9	10	2.90
K275024		3.57	0.005	0.3	0.71	21	<10	350	0.7	<2	0.29	<0.5	8	5	10	2.81
K275025		2.88	0.031	0.4	0.67	84	<10	580	0.5	<2	3.53	<0.5	9	3	6	3.30
K275026		2.48	0.051	0.8	0.84	150	<10	1550	0.6	<2	1.24	0.5	7	5	16	3.82
K275027		2.41	<0.005	<0.2	0.04	2	<10	10	<0.5	<2	20.0	<0.5	1	<1	2	0.37
K275028		1.64	<0.005	0.2	1.30	12	<10	400	<0.5	<2	0.69	<0.5	7	10	11	2.74
K275029		0.12	1.595	33.5	4.70	147	<10	40	<0.5	12	4.66	32.1	83	55	6810	8.28
K275030		4.07	<0.005	<0.2	1.06	9	<10	350	<0.5	<2	0.63	<0.5	6	8	14	2.67
K275031		2.45	0.023	0.4	0.63	80	<10	640	0.6	<2	0.43	<0.5	9	5	67	3.34
K275032		1.98	<0.005	<0.2	0.65	16	<10	550	0.5	<2	0.87	<0.5	6	6	13	2.34
K275033		3.60	0.005	<0.2	0.78	22	<10	460	0.8	<2	0.44	<0.5	7	6	12	2.78
K275034		3.30	<0.005	<0.2	1.28	3	<10	300	<0.5	<2	0.59	<0.5	7	10	7	2.71
K275035		1.99	0.636	<0.2	1.30	10	<10	350	<0.5	<2	0.66	<0.5	8	19	14	2.84
K275036		4.81	0.010	0.2	0.68	28	<10	430	0.7	<2	0.60	<0.5	8	7	13	3.14
K275037		1.84	0.005	<0.2	0.74	15	<10	520	0.7	<2	0.38	<0.5	8	6	13	3.11
K275038		4.31	<0.005	<0.2	0.82	11	<10	370	0.7	<2	0.35	<0.5	6	6	10	2.66
K275039		3.58	<0.005	<0.2	0.69	14	<10	680	0.8	<2	0.75	<0.5	6	4	9	2.37
K275040		2.71	0.007	<0.2	1.19	4	<10	390	0.6	<2	0.79	<0.5	5	7	7	2.77
K275041		2.91	<0.005	0.2	0.81	24	<10	620	0.9	<2	0.33	<0.5	8	6	15	2.78
K275042		3.62	0.005	0.3	0.73	16	<10	990	0.8	<2	0.32	<0.5	7	6	19	2.75
K275043		4.49	0.011	0.4	0.74	28	<10	430	0.7	<2	0.33	<0.5	7	7	16	2.77
K275044		2.38	<0.005	<0.2	1.82	5	<10	380	<0.5	<2	1.11	<0.5	12	67	11	3.23
K275045		4.31	<0.005	<0.2	1.66	5	<10	420	<0.5	<2	0.82	<0.5	10	45	13	2.98
K275046		3.94	<0.005	<0.2	1.46	5	<10	250	<0.5	<2	0.67	<0.5	7	24	9	2.85
K275047		2.99	0.007	0.3	0.82	13	<10	920	0.7	<2	0.45	<0.5	6	8	31	2.70
K275048		4.34	<0.005	0.2	0.97	14	<10	400	0.5	<2	0.39	<0.5	7	7	11	3.11
K275049		3.60	<0.005	<0.2	1.40	6	<10	260	<0.5	<2	0.50	<0.5	6	14	14	2.98
K275050		3.52	<0.005	0.2	1.30	11	<10	390	<0.5	<2	0.56	<0.5	7	9	19	2.84

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275015		10	<1	0.23	10	1.88	1180	1	0.12	54	630	11	0.04	<2	10	108
K275016		<10	<1	0.29	20	0.10	1660	1	0.02	5	590	12	0.05	<2	5	22
K275017		<10	<1	0.22	20	0.51	1035	1	0.06	2	590	9	0.05	<2	5	35
K275018		<10	<1	0.28	30	0.07	2270	1	0.02	2	610	15	0.14	<2	6	18
K275019		<10	<1	0.24	20	0.69	1285	1	0.05	1	550	15	0.10	<2	6	78
K275020		<10	<1	0.24	30	0.19	850	1	0.02	2	690	15	0.04	<2	8	29
K275021		<10	<1	0.25	20	0.32	847	2	0.07	1	580	10	0.08	<2	5	28
K275022		<10	<1	0.30	30	0.07	1305	1	0.02	2	650	17	0.04	<2	7	14
K275023		<10	<1	0.24	20	0.45	896	1	0.06	3	660	10	0.04	<2	6	29
K275024		<10	<1	0.35	30	0.06	1370	2	0.02	1	610	14	0.04	<2	6	11
K275025		<10	<1	0.40	20	0.61	3330	2	0.02	1	530	22	0.52	<2	4	57
K275026		<10	<1	0.44	30	0.29	5760	3	0.02	2	520	61	0.22	2	4	43
K275027		<10	<1	0.02	<10	12.25	186	<1	0.02	<1	220	2	0.03	<2	<1	49
K275028		10	<1	0.27	20	0.63	791	1	0.08	3	580	20	0.03	<2	5	31
K275029		10	<1	0.23	<10	1.18	618	44	0.34	320	670	8150	7.01	25	4	70
K275030		<10	<1	0.22	20	0.49	954	1	0.06	2	590	13	0.05	<2	4	24
K275031		<10	<1	0.32	30	0.11	2380	2	0.03	2	610	16	0.11	3	5	19
K275032		<10	<1	0.23	20	0.18	1140	1	0.05	3	500	9	0.08	<2	5	37
K275033		<10	<1	0.33	30	0.11	1220	1	0.03	3	640	12	0.05	<2	7	15
K275034		10	<1	0.18	20	0.68	662	1	0.09	2	610	9	0.03	<2	5	30
K275035		<10	1	0.19	20	0.65	987	<1	0.06	10	580	11	<0.01	<2	6	30
K275036		<10	<1	0.28	30	0.08	1670	1	0.03	4	590	12	0.10	<2	7	22
K275037		<10	1	0.26	30	0.12	1475	1	0.04	4	580	11	0.03	<2	6	18
K275038		<10	<1	0.21	30	0.05	916	<1	0.02	3	600	14	<0.01	2	10	14
K275039		<10	1	0.27	20	0.05	1230	1	0.01	3	560	24	0.01	<2	8	22
K275040		<10	<1	0.22	20	0.15	769	<1	0.03	2	600	15	<0.01	3	9	32
K275041		<10	<1	0.28	30	0.07	1215	1	0.01	4	570	16	<0.01	2	9	17
K275042		<10	1	0.25	30	0.08	1205	2	0.01	4	610	22	<0.01	2	8	18
K275043		<10	<1	0.24	20	0.10	1280	2	0.02	4	580	22	0.05	<2	7	15
K275044		10	1	0.18	10	1.49	960	<1	0.07	36	620	6	<0.01	<2	7	47
K275045		10	<1	0.17	20	1.20	773	1	0.07	21	590	8	<0.01	<2	6	45
K275046		<10	1	0.17	20	0.88	639	3	0.08	12	590	9	<0.01	<2	5	33
K275047		<10	<1	0.28	30	0.12	1015	1	0.03	4	630	15	0.06	<2	7	35
K275048		<10	<1	0.24	20	0.34	1085	<1	0.04	4	600	15	0.04	<2	5	17
K275049		<10	<1	0.21	20	0.69	741	<1	0.07	6	590	9	<0.01	<2	4	28
K275050		<10	<1	0.23	20	0.58	824	<1	0.05	4	620	11	0.03	<2	4	26

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275015		<20	0.03	<10	<10	86	<10	64	<1
K275016		<20	0.01	<10	<10	29	<10	51	<1
K275017		<20	0.05	<10	<10	44	<10	48	1
K275018		<20	<0.01	<10	<10	27	<10	69	<1
K275019		<20	0.02	<10	<10	39	<10	64	<1
K275020		20	0.01	<10	<10	42	<10	48	<1
K275021		<20	0.03	<10	<10	39	<10	47	<1
K275022		<20	<0.01	<10	<10	28	<10	51	<1
K275023		20	0.02	<10	<10	44	<10	52	<1
K275024		<20	<0.01	<10	<10	26	<10	43	<1
K275025		<20	<0.01	<10	<10	17	<10	68	<1
K275026		<20	<0.01	<10	<10	17	<10	103	<1
K275027		<20	<0.01	<10	<10	<1	<10	13	<1
K275028		<20	0.07	<10	<10	50	<10	55	<1
K275029		<20	0.05	<10	10	314	<10	7540	30
K275030		<20	0.04	<10	<10	40	<10	54	<1
K275031		<20	<0.01	<10	<10	25	<10	60	<1
K275032		20	0.01	<10	<10	30	<10	46	<1
K275033		<20	<0.01	<10	<10	28	<10	49	<1
K275034		<20	0.08	<10	<10	52	<10	47	<1
K275035		<20	0.03	<10	<10	50	<10	58	<1
K275036		<20	<0.01	<10	<10	30	<10	52	<1
K275037		<20	<0.01	<10	<10	33	<10	58	<1
K275038		<20	<0.01	<10	<10	41	<10	47	<1
K275039		<20	<0.01	<10	<10	25	<10	41	<1
K275040		<20	0.03	<10	<10	49	<10	46	<1
K275041		<20	<0.01	<10	<10	34	<10	47	<1
K275042		<20	<0.01	<10	<10	30	<10	51	1
K275043		<20	<0.01	<10	<10	30	<10	48	<1
K275044		<20	0.04	<10	<10	67	<10	68	1
K275045		<20	0.04	<10	<10	61	<10	52	1
K275046		<20	0.08	<10	<10	56	<10	52	<1
K275047		<20	<0.01	<10	<10	35	<10	52	<1
K275048		<20	0.02	<10	<10	39	<10	69	<1
K275049		<20	0.03	<10	<10	48	<10	60	2
K275050		<20	0.03	<10	<10	41	<10	61	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11135375

Project: Klaza TR- 31

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135375

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K274943		5.26	0.009	0.3	1.55	16	<10	360	0.7	2	0.35	0.6	7	7	18	3.06
K274944		5.05	0.005	0.2	1.46	9	<10	230	0.6	<2	0.38	<0.5	7	6	8	3.20
K274945		3.83	0.005	0.3	0.80	16	<10	570	0.6	2	0.23	1.3	10	4	5	2.43
K274946		3.66	0.008	0.6	1.26	13	<10	390	0.6	2	0.29	5.3	3	6	24	3.57
K274947		4.90	<0.005	0.2	1.84	11	<10	220	0.6	<2	0.34	1.8	6	7	8	3.22
K274948		5.26	0.007	0.2	1.25	11	<10	420	0.8	<2	0.32	0.5	4	6	7	3.04
K274949		4.33	0.057	1.5	0.62	76	<10	1300	<0.5	4	0.18	4.1	7	4	14	1.87
K274950		3.65	0.294	5.0	0.65	106	<10	340	<0.5	7	0.09	1.2	7	5	34	2.08
K274951		3.55	0.018	0.9	0.53	53	<10	530	0.5	3	0.13	1.3	12	4	14	2.21
K274952		4.66	0.021	1.2	0.69	33	<10	2310	0.8	3	0.41	2.9	3	4	11	3.00
K274953		4.23	0.005	0.9	1.13	17	<10	440	0.9	2	0.54	0.8	2	5	5	2.81
K274954		4.16	<0.005	2.9	0.77	17	<10	470	0.5	<2	1.27	1.4	4	5	5	2.23
K274955		3.59	0.013	0.4	0.77	17	<10	630	0.5	2	0.73	1.9	4	5	4	1.94
K274956		0.22	1.395	33.1	5.00	150	<10	40	<0.5	3	4.77	33.4	87	60	7430	8.47
K274957		4.09	0.017	1.0	0.76	25	<10	680	0.6	<2	0.62	2.7	4	5	30	2.16
K274958		4.54	0.006	0.9	0.79	16	<10	1310	0.7	<2	0.34	3.4	3	5	8	3.06
K274959		3.87	0.007	0.3	0.72	11	<10	640	<0.5	2	0.52	1.3	3	6	5	1.90
K274960		3.96	0.005	0.3	0.99	15	<10	280	0.7	<2	0.31	0.7	5	7	8	2.70
K274961		4.06	0.005	<0.2	1.05	19	<10	660	0.8	<2	0.30	<0.5	5	6	11	2.42
K274962		6.50	<0.005	0.2	0.89	9	<10	750	0.8	<2	0.28	0.9	6	6	9	3.08
K274963		4.34	0.008	0.6	1.09	13	<10	800	0.7	2	0.29	1.9	5	6	8	3.24
K274964		2.75	0.010	0.7	0.61	14	<10	1540	<0.5	2	0.17	4.3	3	6	7	2.09
K274965		2.82	<0.005	<0.2	0.09	<2	<10	50	<0.5	<2	19.5	<0.5	<1	1	1	0.40
K274966		3.46	0.005	0.4	0.92	10	<10	1560	0.6	2	0.43	2.2	23	5	5	3.37
K274967		5.08	0.007	0.4	0.82	24	<10	420	0.8	2	0.33	0.5	9	7	15	2.77
K274968		5.35	0.007	0.9	0.76	15	<10	760	0.7	2	0.32	2.4	6	6	13	3.97
K274969		3.81	<0.005	0.2	1.20	10	<10	380	0.5	<2	0.48	<0.5	8	8	13	2.79
K274970		3.49	0.005	0.2	1.04	13	<10	480	0.5	<2	0.57	<0.5	6	9	12	2.74
K274971		4.49	<0.005	0.3	1.33	7	<10	280	<0.5	2	0.62	<0.5	6	8	8	2.78
K274972		3.09	0.010	0.7	1.00	23	<10	470	0.8	2	0.30	1.2	6	8	17	3.38
K274973		6.13	0.069	1.8	0.72	93	<10	600	0.8	2	1.72	7.5	6	3	10	5.60
K274974		2.76	0.006	0.2	1.08	8	<10	460	0.5	<2	0.55	<0.5	8	8	12	2.65
K274975		3.82	0.007	0.2	0.91	15	<10	540	0.8	<2	1.58	<0.5	6	5	18	2.71
K274976		3.56	<0.005	0.2	0.88	12	<10	420	0.7	<2	0.76	<0.5	5	6	7	2.98
K274977		2.38	0.005	0.2	0.98	10	<10	330	0.5	<2	1.27	<0.5	4	6	15	3.00
K274978		3.62	0.018	0.3	0.82	34	<10	610	0.7	<2	1.44	<0.5	5	6	10	3.04

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K274943		<10	1	0.23	30	0.42	1145	1	0.02	5	650	26	0.01	<2	6	14
K274944		<10	<1	0.19	30	0.54	781	1	0.02	2	690	15	0.01	<2	6	13
K274945		<10	1	0.36	30	0.06	1990	2	0.01	2	600	21	0.01	<2	3	14
K274946		<10	<1	0.41	30	0.20	1595	2	0.02	3	660	47	0.01	<2	5	13
K274947		10	<1	0.25	30	0.62	779	1	0.02	2	660	15	0.01	<2	6	13
K274948		<10	1	0.32	30	0.18	895	1	0.02	2	630	14	0.01	<2	5	13
K274949		<10	<1	0.38	10	0.05	3650	3	0.02	3	490	108	0.04	2	2	19
K274950		<10	1	0.45	10	0.04	777	4	0.01	1	320	262	0.05	2	2	11
K274951		<10	<1	0.33	10	0.04	1180	3	0.01	1	390	46	0.04	3	3	11
K274952		<10	<1	0.41	20	0.05	3770	2	0.01	3	530	174	0.10	<2	3	27
K274953		<10	1	0.35	30	0.16	1395	1	0.01	2	610	64	0.02	<2	5	20
K274954		<10	1	0.33	20	0.13	2020	1	0.02	1	560	262	0.04	<2	4	31
K274955		<10	1	0.39	20	0.07	2030	1	0.02	3	610	68	0.05	<2	3	19
K274956		10	2	0.25	10	1.20	656	51	0.35	326	710	8610	7.50	25	4	79
K274957		<10	1	0.39	30	0.06	3660	1	0.02	5	590	163	0.05	<2	3	30
K274958		<10	1	0.40	40	0.06	6790	1	0.02	2	610	299	0.06	<2	5	37
K274959		<10	1	0.37	30	0.08	2340	1	0.02	3	580	65	0.05	<2	3	18
K274960		<10	1	0.32	20	0.09	868	1	0.03	3	620	37	0.03	<2	7	14
K274961		<10	<1	0.26	20	0.14	744	1	0.02	2	630	15	0.02	2	9	16
K274962		<10	1	0.27	30	0.11	2580	1	0.02	3	600	34	0.02	<2	7	17
K274963		<10	1	0.35	20	0.26	3760	2	0.02	3	640	109	0.05	<2	5	19
K274964		<10	1	0.38	10	0.04	5250	2	0.02	2	300	80	0.14	<2	2	27
K274965		<10	<1	0.05	<10	12.15	218	<1	0.02	1	270	<2	0.02	<2	<1	54
K274966		<10	1	0.47	40	0.12	5500	1	0.02	3	580	80	0.07	<2	4	33
K274967		<10	1	0.30	30	0.10	1150	1	0.02	3	560	29	0.04	<2	7	15
K274968		<10	1	0.36	30	0.10	6270	2	0.03	3	600	230	0.05	<2	6	27
K274969		<10	<1	0.28	20	0.43	1040	1	0.08	5	600	22	0.03	<2	5	27
K274970		<10	<1	0.33	20	0.32	896	2	0.06	4	570	17	0.07	<2	5	24
K274971		<10	<1	0.26	20	0.55	735	1	0.08	3	580	15	0.02	<2	4	28
K274972		<10	<1	0.40	30	0.09	2450	2	0.03	4	650	50	0.03	<2	8	15
K274973		<10	1	0.46	20	0.17	13900	2	0.01	3	570	331	0.41	<2	4	58
K274974		<10	1	0.23	20	0.36	794	1	0.07	3	570	14	0.07	<2	6	29
K274975		<10	1	0.37	20	0.38	1265	2	0.03	3	590	15	0.10	<2	8	42
K274976		<10	<1	0.44	30	0.08	1205	2	0.03	2	630	9	0.03	<2	4	20
K274977		<10	<1	0.29	30	0.30	1375	4	0.04	2	630	15	0.03	<2	7	37
K274978		<10	<1	0.41	30	0.10	1760	2	0.03	2	600	15	0.11	<2	5	30

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 31

CERTIFICATE OF ANALYSIS WH11135375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K274943		<20	0.01	<10	<10	43	<10	116
K274944		20	<0.01	<10	<10	46	<10	78
K274945		<20	<0.01	<10	<10	25	<10	124
K274946		<20	<0.01	<10	<10	37	<10	468
K274947		20	0.01	<10	<10	49	<10	240
K274948		<20	<0.01	<10	<10	38	<10	87
K274949		20	<0.01	<10	<10	12	<10	372
K274950		<20	<0.01	<10	<10	10	<10	284
K274951		<20	<0.01	<10	<10	14	<10	231
K274952		<20	<0.01	<10	<10	21	<10	287
K274953		20	<0.01	<10	<10	35	<10	104
K274954		20	<0.01	<10	<10	29	<10	107
K274955		<20	<0.01	<10	<10	23	<10	149
K274956		<20	0.06	<10	<10	331	<10	7600
K274957		<20	<0.01	<10	<10	21	<10	292
K274958		<20	<0.01	<10	<10	24	<10	286
K274959		<20	<0.01	<10	<10	21	<10	132
K274960		<20	<0.01	<10	<10	37	<10	133
K274961		<20	<0.01	<10	<10	40	<10	46
K274962		<20	<0.01	<10	<10	39	<10	100
K274963		<20	<0.01	<10	<10	35	<10	195
K274964		<20	<0.01	<10	<10	13	<10	272
K274965		<20	<0.01	<10	<10	3	<10	18
K274966		<20	<0.01	<10	<10	27	<10	193
K274967		<20	<0.01	<10	<10	34	<10	63
K274968		<20	0.01	<10	<10	30	<10	217
K274969		<20	0.05	<10	<10	46	<10	66
K274970		<20	0.04	<10	<10	41	<10	60
K274971		<20	0.08	<10	<10	48	<10	60
K274972		20	<0.01	<10	<10	34	<10	135
K274973		<20	<0.01	<10	<10	20	<10	606
K274974		<20	0.03	<10	<10	44	<10	56
K274975		<20	<0.01	<10	<10	36	<10	55
K274976		<20	<0.01	<10	<10	29	<10	63
K274977		20	0.01	<10	<10	41	<10	64
K274978		20	<0.01	<10	<10	28	<10	60

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11135376

Project: Klaza TR- 32

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11135376

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275052		4.63	0.006	<0.2	1.29	18	<10	350	0.5	2	0.38	<0.5	7	8	8	2.73
K275053		3.75	0.014	0.5	0.92	59	<10	500	0.9	2	0.27	0.5	8	6	15	3.16
K275054		4.56	<0.005	<0.2	1.12	7	<10	290	<0.5	2	0.42	<0.5	7	7	5	2.52
K275055		3.32	<0.005	<0.2	1.08	22	<10	200	0.5	<2	0.43	<0.5	7	6	5	2.53
K275056		2.35	<0.005	<0.2	1.10	13	<10	200	<0.5	3	0.36	<0.5	6	6	4	2.49
K275057		4.23	0.008	<0.2	1.41	25	<10	210	0.6	<2	0.34	<0.5	6	6	6	2.69
K275058		3.52	0.005	<0.2	1.57	19	<10	220	0.7	2	0.39	<0.5	8	7	5	3.25
K275059		4.02	0.007	0.2	1.14	30	<10	220	0.7	2	0.29	<0.5	7	5	7	2.38
K275060		4.44	0.009	0.2	0.76	42	<10	310	0.8	<2	0.27	<0.5	9	3	10	2.68
K275061		4.30	0.006	0.2	0.78	82	<10	170	0.9	<2	0.24	<0.5	6	4	8	2.42
K275062		4.25	0.005	<0.2	1.07	24	<10	320	0.5	<2	0.32	<0.5	6	5	6	2.47
K275063		3.92	<0.005	<0.2	1.21	11	<10	260	<0.5	<2	0.51	<0.5	7	7	7	2.64
K275064		4.46	<0.005	<0.2	0.81	17	<10	270	0.5	<2	0.34	<0.5	10	6	23	2.62
K275065		2.93	0.006	<0.2	0.89	26	<10	330	0.5	<2	0.46	<0.5	7	9	43	2.59
K275066		3.86	<0.005	<0.2	0.83	9	<10	260	0.5	<2	0.67	<0.5	6	5	8	2.42
K275067		2.74	<0.005	<0.2	1.06	10	<10	280	<0.5	<2	0.55	<0.5	7	7	6	2.49
K275068		3.24	0.008	<0.2	0.72	21	<10	350	0.7	<2	0.30	<0.5	6	6	9	2.50
K275069		4.14	0.006	0.2	0.66	18	<10	1210	0.7	<2	0.30	<0.5	6	5	12	2.61
K275070		5.56	0.013	0.2	0.60	21	<10	460	0.5	<2	0.32	<0.5	26	4	5	3.33
K275071		3.14	0.008	0.2	0.69	24	<10	900	0.7	2	0.25	<0.5	10	5	13	2.55
K275072		3.64	<0.005	<0.2	0.94	13	<10	470	0.5	2	0.43	<0.5	10	7	18	2.61
K275073		1.97	<0.005	<0.2	1.03	13	<10	380	<0.5	<2	0.45	<0.5	8	7	9	2.69
K275074		3.55	0.008	0.3	0.83	26	<10	290	0.7	<2	0.28	<0.5	9	6	14	2.74
K275075		2.92	<0.005	<0.2	1.06	12	<10	290	<0.5	2	0.36	<0.5	8	7	11	2.62
K275077		3.21	0.006	<0.2	0.70	28	<10	550	0.7	<2	0.26	0.7	7	5	10	2.64
K275076		3.78	0.008	0.2	0.93	21	<10	430	0.7	2	0.26	0.7	7	6	12	2.77
K275079		2.99	<0.005	<0.2	0.89	13	<10	260	<0.5	2	0.29	0.7	7	7	7	2.43
K275078		3.46	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.3	<0.5	4	<1	1	0.45
K275080		3.69	0.005	<0.2	1.02	11	<10	220	0.5	2	0.38	<0.5	8	7	8	2.53
K275081		3.00	<0.005	<0.2	1.08	8	<10	210	<0.5	<2	0.40	<0.5	8	7	6	2.44
K275082		4.95	<0.005	<0.2	1.20	9	<10	230	<0.5	<2	0.40	<0.5	8	8	6	2.65
K275083		0.19	1.375	32.0	4.98	146	<10	50	<0.5	12	4.59	31.7	86	57	7270	8.37
K275084		4.90	<0.005	<0.2	1.26	8	<10	260	<0.5	<2	0.36	<0.5	8	7	18	2.63
K275085		6.16	<0.005	<0.2	1.16	14	<10	250	<0.5	<2	0.33	<0.5	8	8	8	2.53
K275086		7.14	<0.005	<0.2	1.11	10	<10	270	<0.5	<2	0.40	<0.5	7	7	9	2.57
K275087		2.30	<0.005	<0.2	0.95	6	<10	260	0.5	<2	0.32	<0.5	8	6	5	2.48

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CERTIFICATE OF ANALYSIS WH11135376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275052		<10	<1	0.20	20	0.51	508	<1	0.09	5	550	15	0.01	<2	6	25
K275053		<10	1	0.18	20	0.12	787	2	0.05	6	550	20	0.02	2	9	18
K275054		<10	<1	0.17	20	0.56	450	<1	0.09	4	550	12	0.01	<2	5	26
K275055		<10	<1	0.15	20	0.42	463	<1	0.08	4	570	11	0.01	<2	7	22
K275056		<10	<1	0.15	20	0.47	474	1	0.08	4	550	9	0.01	<2	6	21
K275057		<10	<1	0.15	20	0.38	359	<1	0.04	4	660	11	0.01	4	8	14
K275058		<10	<1	0.11	20	0.60	467	<1	0.05	4	640	9	0.02	<2	7	19
K275059		<10	1	0.19	20	0.12	360	1	0.02	4	590	9	0.01	2	8	10
K275060		<10	1	0.15	30	0.05	835	2	0.02	5	490	25	0.02	3	7	10
K275061		<10	<1	0.26	30	0.05	421	2	0.02	3	540	9	0.01	2	6	10
K275062		<10	1	0.19	20	0.31	447	1	0.06	3	560	10	0.01	3	7	18
K275063		<10	<1	0.19	20	0.54	573	1	0.11	4	560	10	0.02	<2	6	30
K275064		<10	1	0.19	20	0.24	622	1	0.07	4	550	11	0.05	<2	6	19
K275065		<10	<1	0.22	30	0.27	672	1	0.06	4	620	14	0.07	2	6	21
K275066		<10	1	0.18	30	0.25	574	1	0.07	4	590	10	0.03	<2	6	23
K275067		<10	1	0.15	20	0.58	481	1	0.10	3	580	11	0.07	<2	7	28
K275068		<10	<1	0.23	30	0.08	661	2	0.04	4	600	17	0.04	<2	7	16
K275069		<10	1	0.30	40	0.05	956	2	0.04	4	570	10	0.05	2	6	25
K275070		<10	<1	0.32	20	0.05	1080	3	0.03	4	590	7	0.64	<2	4	17
K275071		<10	<1	0.19	20	0.05	729	3	0.03	4	500	29	0.09	3	7	22
K275072		<10	1	0.22	20	0.31	670	2	0.08	4	570	12	0.08	2	7	27
K275073		<10	<1	0.22	20	0.40	672	2	0.11	4	590	14	0.04	3	7	30
K275074		<10	<1	0.22	20	0.14	939	2	0.04	4	590	36	0.04	5	7	15
K275075		<10	1	0.19	20	0.39	717	1	0.09	4	600	14	0.04	2	6	27
K275077		<10	<1	0.24	30	0.07	913	2	0.04	4	600	18	0.04	3	5	17
K275076		<10	<1	0.25	30	0.16	990	2	0.04	5	570	21	0.02	2	6	16
K275079		<10	<1	0.17	20	0.30	852	1	0.06	4	580	16	0.02	<2	6	18
K275078		<10	<1	0.02	<10	11.85	187	<1	0.03	2	280	<2	0.11	2	<1	50
K275080		<10	1	0.15	20	0.39	569	1	0.06	7	580	14	0.01	2	6	20
K275081		<10	<1	0.14	20	0.51	540	<1	0.08	4	570	16	0.01	<2	4	24
K275082		<10	<1	0.16	20	0.57	564	1	0.09	4	580	15	0.03	<2	5	25
K275083		<10	3	0.25	<10	1.15	631	51	0.35	321	680	8320	7.33	31	4	76
K275084		<10	<1	0.16	20	0.59	561	1	0.08	5	590	21	0.04	<2	6	22
K275085		<10	<1	0.15	20	0.51	592	1	0.08	5	560	20	0.04	<2	5	23
K275086		<10	<1	0.15	20	0.51	596	2	0.06	2	570	15	0.02	<2	6	22
K275087		<10	<1	0.17	20	0.34	569	2	0.06	2	540	10	0.01	<2	6	19

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 32

CERTIFICATE OF ANALYSIS WH11135376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275052		<20	0.04	<10	<10	48	<10	50
K275053		20	0.01	<10	<10	41	<10	63
K275054		<20	0.08	<10	<10	50	<10	37
K275055		<20	0.02	<10	<10	45	<10	41
K275056		<20	0.02	<10	<10	43	<10	41
K275057		<20	0.01	<10	<10	47	<10	45
K275058		<20	0.02	<10	<10	51	<10	47
K275059		<20	0.01	<10	<10	37	<10	48
K275060		<20	<0.01	<10	<10	31	<10	61
K275061		<20	<0.01	<10	<10	22	<10	45
K275062		<20	0.04	<10	<10	45	<10	36
K275063		<20	0.05	<10	<10	50	<10	42
K275064		<20	0.01	<10	<10	37	<10	43
K275065		<20	0.01	<10	<10	37	<10	48
K275066		<20	0.01	<10	<10	42	<10	40
K275067		<20	0.03	<10	<10	52	<10	40
K275068		<20	0.01	<10	<10	33	<10	48
K275069		20	<0.01	<10	<10	26	<10	46
K275070		<20	<0.01	<10	<10	21	<10	44
K275071		<20	<0.01	<10	<10	30	<10	55
K275072		<20	0.02	<10	<10	42	<10	59
K275073		<20	0.04	<10	<10	46	<10	47
K275074		<20	0.01	<10	<10	36	<10	79
K275075		<20	0.02	<10	<10	44	<10	63
K275077		<20	<0.01	<10	<10	24	<10	72
K275076		<20	0.01	<10	<10	33	<10	86
K275079		<20	0.02	<10	<10	39	<10	55
K275078		<20	<0.01	<10	20	2	<10	15
K275080		<20	0.02	<10	<10	44	<10	49
K275081		<20	0.06	<10	<10	46	<10	44
K275082		<20	0.05	<10	<10	51	<10	46
K275083		<20	0.06	<10	<10	317	10	7260
K275084		<20	0.03	<10	<10	50	<10	60
K275085		<20	0.04	<10	<10	46	<10	55
K275086		<20	0.02	<10	<10	45	<10	50
K275087		<20	0.02	<10	<10	40	<10	42

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Account: ROCKHA

CERTIFICATE WH11135377

Project: Klaza TR- 32

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza TR- 32

CERTIFICATE OF ANALYSIS WH11135377

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275088		5.77	<0.005	0.3	1.19	10	<10	400	0.5	<2	0.35	<0.5	6	7	6	2.60
K275089		1.84	<0.005	0.2	1.21	8	<10	330	<0.5	<2	0.35	<0.5	6	8	6	2.68
K275090		4.52	<0.005	0.2	1.30	6	<10	390	<0.5	<2	0.37	<0.5	6	8	10	2.69
K275091		2.38	<0.005	0.4	1.29	11	<10	270	0.5	<2	0.35	<0.5	6	7	19	2.67
K275092		5.78	<0.005	0.2	1.25	11	<10	310	<0.5	<2	0.35	<0.5	6	8	9	2.65
K275093		4.00	<0.005	0.3	1.42	11	<10	300	0.6	<2	0.37	<0.5	7	7	8	2.61
K275094		3.62	0.005	0.3	1.35	18	<10	280	0.7	<2	0.34	<0.5	5	7	15	2.69
K275095		3.92	<0.005	0.3	1.27	12	<10	430	0.6	<2	0.34	<0.5	7	9	12	2.78
K275096		3.98	0.005	0.3	1.19	20	<10	280	0.5	<2	0.36	0.7	7	11	16	2.47
K275097		4.66	0.005	0.5	1.12	21	<10	350	0.6	<2	0.26	<0.5	13	7	14	2.80
K275098		4.05	0.005	0.5	0.85	21	<10	1610	0.7	<2	0.29	<0.5	8	4	12	2.47
K275099		4.39	<0.005	0.2	1.11	8	<10	430	<0.5	<2	0.36	<0.5	7	8	11	2.64
K275100		3.41	0.006	0.4	0.84	11	<10	390	0.7	<2	0.30	1.2	5	5	9	2.75
K275101		3.79	<0.005	0.3	1.08	9	<10	460	0.6	<2	0.39	0.8	9	6	6	2.68
K275102		3.23	0.005	0.5	0.79	13	<10	670	0.9	<2	0.26	2.0	4	4	17	2.58
K275103		5.89	0.225	10.2	0.51	418	<10	160	<0.5	<2	0.11	0.9	2	4	12	1.83
K275104		4.80	0.029	1.5	0.61	618	<10	610	0.5	<2	0.20	4.0	12	4	18	2.67
K275105		3.04	<0.005	<0.2	0.04	3	<10	20	<0.5	<2	19.2	<0.5	<1	1	<1	0.39
K275106		5.00	0.016	0.9	0.55	581	<10	380	0.6	<2	0.32	4.4	15	4	13	2.79
K275107		4.82	0.012	0.6	0.84	334	<10	290	0.6	<2	0.34	2.4	7	7	10	2.81
K275108		3.96	0.016	1.2	0.78	334	<10	410	0.6	2	0.31	3.3	7	5	13	2.73
K275109		5.95	0.015	1.0	0.82	261	<10	300	0.7	<2	0.29	2.2	8	5	9	2.64
K275110		4.66	0.029	3.0	0.89	291	<10	500	0.6	<2	0.28	3.5	8	6	13	2.59
K275111		4.58	0.013	1.0	0.94	198	<10	270	0.5	<2	0.27	2.1	6	6	8	2.54
K275112		4.05	0.012	0.6	0.78	171	<10	290	0.5	<2	0.26	2.1	7	6	7	2.30
K275113		5.94	0.027	0.6	0.69	213	<10	400	0.7	<2	0.24	2.9	7	6	18	2.82
K275114		5.11	0.010	0.4	0.84	133	<10	610	0.6	<2	0.30	1.5	9	6	8	2.68
K275115		3.86	0.007	0.3	0.74	104	<10	480	0.6	2	0.27	1.3	7	7	7	2.64
K275116		6.12	0.013	0.3	1.07	105	<10	520	0.6	2	0.35	1.6	9	10	9	2.98
K275117		0.09	1.350	30.7	4.47	147	<10	40	<0.5	2	4.34	30.6	83	58	6830	7.78
K275118		4.67	0.009	0.4	0.96	95	<10	480	0.6	<2	0.29	1.3	9	7	23	2.82
K275119		4.48	0.037	0.6	0.74	114	<10	690	0.7	<2	0.25	1.5	21	4	14	3.63
K275120		5.22	0.022	0.5	0.86	121	<10	500	0.6	<2	0.29	1.4	16	7	13	3.26
K275121		5.64	0.176	2.7	0.75	250	<10	1070	0.8	2	0.25	3.2	12	8	55	3.82
K275122		5.85	0.186	4.8	0.84	149	<10	1670	0.6	2	0.31	1.6	11	8	23	3.01
K275123		3.50	0.103	1.5	1.28	161	<10	1120	0.7	2	0.47	1.6	14	19	21	3.68

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CERTIFICATE OF ANALYSIS WH11135377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275088		<10	<1	0.19	20	0.43	508	2	0.07	3	580	13	0.01	<2	6	23
K275089		10	<1	0.17	20	0.50	527	1	0.09	4	570	15	0.01	<2	6	24
K275090		10	<1	0.19	20	0.59	563	1	0.09	2	570	13	0.01	<2	7	26
K275091		<10	<1	0.18	20	0.54	597	1	0.07	3	570	13	0.03	<2	6	21
K275092		10	<1	0.18	20	0.54	506	1	0.08	4	590	15	0.02	<2	6	23
K275093		10	<1	0.14	20	0.43	420	1	0.06	3	580	15	0.01	<2	7	19
K275094		10	<1	0.13	20	0.26	317	1	0.05	3	610	14	0.01	<2	8	14
K275095		10	<1	0.21	20	0.42	609	1	0.07	4	570	14	0.02	<2	6	22
K275096		<10	<1	0.14	20	0.41	488	1	0.06	9	560	32	0.02	<2	5	23
K275097		<10	<1	0.22	30	0.39	495	2	0.05	4	580	15	0.04	<2	6	14
K275098		<10	<1	0.22	30	0.11	670	2	0.05	3	580	17	0.06	<2	7	30
K275099		10	<1	0.18	20	0.54	456	1	0.10	3	550	12	0.05	<2	6	28
K275100		<10	<1	0.25	30	0.15	1335	2	0.03	3	580	80	0.01	<2	6	13
K275101		<10	<1	0.23	30	0.22	904	2	0.07	3	560	30	0.05	<2	7	21
K275102		<10	<1	0.27	40	0.06	3480	4	0.02	2	570	81	0.02	<2	8	21
K275103		<10	<1	0.28	30	0.03	183	5	0.01	1	180	826	0.13	9	2	36
K275104		<10	<1	0.33	40	0.03	2860	4	0.02	3	550	263	0.03	6	4	12
K275105		<10	<1	0.02	<10	11.65	188	<1	0.02	1	230	6	0.06	<2	<1	53
K275106		<10	<1	0.23	40	0.04	1200	3	0.03	3	580	156	0.06	4	4	11
K275107		<10	<1	0.18	20	0.21	842	2	0.04	4	590	94	0.02	2	6	19
K275108		<10	1	0.18	30	0.16	765	2	0.04	3	570	109	0.03	4	6	23
K275109		<10	<1	0.21	30	0.11	605	1	0.03	4	590	61	0.01	4	6	17
K275110		<10	<1	0.21	30	0.23	2250	2	0.03	4	580	169	0.03	7	6	21
K275111		<10	<1	0.17	30	0.30	973	1	0.04	4	610	81	0.02	3	5	18
K275112		<10	<1	0.18	30	0.20	1050	1	0.04	3	600	75	0.02	3	5	17
K275113		<10	<1	0.24	30	0.07	1605	2	0.03	4	580	83	0.03	3	6	16
K275114		<10	<1	0.19	20	0.20	637	1	0.04	5	570	25	0.03	3	7	29
K275115		<10	<1	0.21	30	0.16	713	1	0.04	4	580	20	0.03	<2	6	26
K275116		<10	<1	0.19	20	0.38	1125	2	0.04	4	640	30	0.04	2	7	30
K275117		10	1	0.22	10	1.12	581	45	0.30	314	650	8140	6.87	23	4	72
K275118		<10	<1	0.23	20	0.26	922	2	0.03	5	610	33	0.04	<2	6	22
K275119		<10	<1	0.35	50	0.08	2830	5	0.01	5	650	28	0.11	3	5	16
K275120		<10	<1	0.27	30	0.17	1825	4	0.02	4	660	36	0.03	3	6	20
K275121		<10	<1	0.29	30	0.09	2660	8	0.01	5	670	544	0.11	11	7	31
K275122		<10	<1	0.24	20	0.18	1200	3	0.03	4	610	991	0.11	8	6	89
K275123		10	<1	0.24	30	0.65	1395	3	0.04	4	770	674	0.09	7	8	75

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CERTIFICATE OF ANALYSIS WH11135377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275088		<20	0.04	<10	<10	46	<10	46
K275089		<20	0.04	<10	<10	48	<10	43
K275090		<20	0.04	<10	<10	50	<10	45
K275091		<20	0.01	<10	<10	45	<10	50
K275092		<20	0.04	<10	<10	49	<10	50
K275093		<20	0.01	<10	<10	49	<10	50
K275094		<20	0.01	<10	<10	50	<10	63
K275095		<20	0.03	<10	<10	47	<10	48
K275096		<20	0.05	<10	<10	47	<10	68
K275097		<20	0.01	<10	<10	35	<10	48
K275098		<20	<0.01	<10	<10	26	<10	37
K275099		<20	0.04	<10	<10	47	<10	37
K275100		<20	<0.01	<10	<10	34	<10	173
K275101		<20	0.01	<10	<10	36	<10	111
K275102		<20	<0.01	<10	<10	28	<10	283
K275103		<20	<0.01	<10	<10	5	<10	254
K275104		<20	<0.01	<10	<10	11	<10	647
K275105		<20	<0.01	<10	10	2	<10	18
K275106		<20	<0.01	<10	<10	17	<10	679
K275107		<20	<0.01	<10	<10	36	<10	461
K275108		<20	<0.01	<10	<10	31	<10	546
K275109		<20	<0.01	<10	<10	31	<10	269
K275110		<20	0.01	<10	<10	32	<10	422
K275111		<20	0.01	<10	<10	33	<10	286
K275112		<20	0.01	<10	<10	31	<10	246
K275113		20	<0.01	<10	<10	29	<10	352
K275114		20	0.01	<10	<10	36	<10	148
K275115		20	<0.01	<10	<10	34	<10	129
K275116		<20	0.01	<10	<10	49	<10	138
K275117		<20	0.05	<10	<10	296	<10	7790
K275118		20	0.01	<10	<10	39	<10	142
K275119		20	<0.01	<10	<10	16	<10	143
K275120		<20	0.01	<10	<10	30	<10	133
K275121		<20	<0.01	<10	<10	34	<10	531
K275122		<20	0.01	<10	<10	34	<10	268
K275123		<20	0.01	<10	<10	65	<10	288

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Finalized Date: 17- AUG- 2011
This copy reported on 18- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11135378

Project: Klaza- DDH- 18

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 18

CERTIFICATE OF ANALYSIS WH11135378

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271849		6.96	1.730	19.5	0.53	3120	<10	130	0.8	3	2.19	54.3	9	3	108	3.32
K271850		9.32	0.014	0.2	0.67	28	<10	730	0.9	<2	2.70	<0.5	7	8	8	1.99
K271851		10.45	2.41	17.0	0.47	1535	<10	30	0.5	9	1.12	29.7	10	2	239	4.39
K271852		2.83	0.014	<0.2	0.08	4	<10	20	<0.5	<2	18.6	<0.5	3	1	1	0.40
K271853		5.86	1.150	39.7	0.45	1125	<10	30	<0.5	7	1.49	19.9	9	3	251	3.73
K271854		9.83	0.014	0.4	0.80	20	<10	610	0.5	<2	3.36	<0.5	7	9	8	1.93
K271855		6.52	<0.005	0.3	0.71	22	<10	400	0.6	<2	5.08	<0.5	6	8	7	2.04
K271856		9.29	0.483	3.1	0.63	611	<10	340	0.8	<2	2.84	6.4	8	10	25	2.24
K271857		11.61	2.38	13.1	0.48	2140	<10	40	0.5	2	1.97	21.6	10	3	47	3.36
K271858		1.44	0.014	<0.2	0.04	3	<10	20	<0.5	<2	18.8	<0.5	3	<1	1	0.37
K271859		10.88	0.055	2.6	0.60	72	<10	100	0.6	2	2.35	11.3	10	4	9	3.07
K271860		9.37	0.026	2.0	0.80	20	<10	420	0.5	<2	1.89	3.0	9	6	15	2.75
K271861		10.52	0.037	0.5	0.81	15	<10	320	<0.5	3	1.99	0.7	7	5	9	2.73
K271862		4.87	0.028	0.6	0.76	12	<10	190	<0.5	3	1.89	1.3	7	6	6	2.75
K271863		12.24	0.106	2.3	0.70	515	<10	140	0.5	2	1.64	5.2	6	5	28	2.71
K271864		11.31	0.453	3.2	0.94	1070	<10	170	<0.5	3	1.31	3.9	7	7	22	2.71
K271865		4.09	<0.005	<0.2	1.07	6	<10	140	<0.5	3	1.15	<0.5	5	8	10	2.42
K271866		4.12	<0.005	<0.2	0.63	6	<10	270	0.6	3	1.85	<0.5	5	5	8	2.34
K271867		10.41	<0.005	<0.2	0.76	2	<10	220	<0.5	3	1.67	<0.5	4	7	11	2.38
K271868		9.76	0.024	0.6	0.96	24	<10	640	<0.5	2	1.58	3.1	6	7	24	2.48
K271869		0.27	3.26	>100	0.17	>10000	<10	10	<0.5	4	0.38	302	1	9	1520	12.60
K271870		11.22	0.009	<0.2	0.80	10	<10	540	0.5	2	1.17	<0.5	9	5	42	2.73
K271871		3.49	0.014	0.5	0.60	35	<10	530	0.6	3	1.31	2.1	5	4	16	2.44
K271872		11.66	0.032	1.1	0.61	58	<10	80	0.6	5	2.55	3.0	6	4	7	3.26
K271873		10.80	0.113	5.4	0.64	395	<10	70	0.5	4	1.78	2.4	7	5	22	3.09
K271874		10.03	0.026	0.3	0.93	43	<10	220	0.6	3	1.74	<0.5	5	5	6	2.53
K271875		8.18	0.021	0.6	0.78	12	<10	50	0.5	3	2.48	1.5	6	6	23	2.81
K271876		9.96	0.008	<0.2	1.08	5	<10	160	<0.5	3	1.13	<0.5	6	7	7	2.51
K271877		9.93	0.018	0.5	0.87	44	<10	190	0.6	3	1.65	1.5	6	6	28	2.63
K271878		8.23	0.043	1.7	0.64	150	<10	180	0.6	3	2.18	2.3	8	3	17	3.09
K271879		9.44	<0.005	<0.2	1.15	9	<10	250	<0.5	3	1.25	<0.5	6	8	10	2.48
K271880		0.22	3.29	>100	0.18	>10000	<10	10	<0.5	3	0.38	303	1	9	1535	12.60
K271881		12.37	0.005	<0.2	1.14	7	<10	250	<0.5	<2	1.27	<0.5	6	8	10	2.70
K271882		11.21	0.009	<0.2	1.24	8	<10	120	<0.5	3	1.08	<0.5	7	9	6	2.65
K271883		9.70	0.017	0.4	1.18	7	<10	100	<0.5	3	1.12	<0.5	7	8	9	2.81
K271884		9.25	<0.005	0.2	1.15	5	<10	90	<0.5	3	1.35	<0.5	6	7	8	2.54

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 18

CERTIFICATE OF ANALYSIS WH11135378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271849		<10	<1	0.31	10	0.74	613	3	0.02	3	400	2630	1.96	26	3	126
K271850		<10	<1	0.30	10	0.87	625	1	0.02	9	560	17	0.17	2	5	160
K271851		<10	<1	0.33	10	0.35	1220	7	0.01	2	480	1920	4.00	66	3	48
K271852		<10	<1	0.05	10	10.95	179	<1	0.02	2	340	6	0.06	<2	<1	50
K271853		<10	<1	0.28	10	0.45	1245	9	0.01	3	450	1470	3.37	89	3	53
K271854		<10	<1	0.08	10	1.10	590	2	0.01	8	330	21	0.16	3	5	147
K271855		<10	<1	0.06	10	2.18	853	2	0.02	8	400	13	0.13	4	4	139
K271856		<10	<1	0.20	10	1.06	756	4	0.01	15	310	397	0.73	10	4	131
K271857		<10	<1	0.34	10	0.57	1405	4	0.01	3	460	1680	2.89	23	3	57
K271858		<10	<1	0.02	10	11.10	171	<1	0.02	1	760	4	0.04	<2	<1	53
K271859		<10	<1	0.32	20	0.66	1220	1	0.03	2	530	635	1.40	4	5	81
K271860		<10	<1	0.20	20	0.71	680	1	0.06	2	570	205	0.50	<2	6	99
K271861		<10	<1	0.24	20	0.73	670	3	0.06	6	560	48	0.79	2	6	412
K271862		<10	1	0.23	20	0.68	710	1	0.06	3	550	72	0.98	<2	6	426
K271863		<10	<1	0.24	10	0.56	1010	1	0.05	2	520	264	0.91	12	5	84
K271864		<10	<1	0.18	10	0.60	556	1	0.08	2	550	473	0.59	9	5	63
K271865		<10	<1	0.16	10	0.60	382	1	0.10	2	570	10	0.08	<2	4	53
K271866		<10	1	0.19	10	0.51	578	1	0.03	2	520	10	0.10	<2	8	105
K271867		<10	<1	0.17	20	0.56	468	1	0.07	2	560	7	0.17	<2	6	78
K271868		<10	<1	0.20	20	0.60	531	2	0.09	3	530	84	0.23	3	5	69
K271869		<10	2	0.09	<10	0.16	1360	1	0.02	12	130	>10000	>10.0	543	1	20
K271870		<10	<1	0.18	10	0.44	602	2	0.03	2	530	15	0.37	8	7	64
K271871		<10	1	0.22	10	0.44	948	4	0.03	2	430	35	0.45	8	7	67
K271872		<10	<1	0.29	20	0.88	858	2	0.05	3	590	145	1.70	5	5	89
K271873		<10	1	0.26	10	0.60	855	2	0.04	2	540	293	2.31	17	4	70
K271874		<10	<1	0.23	20	0.63	509	1	0.05	2	540	26	1.01	2	5	87
K271875		<10	<1	0.28	20	0.74	623	1	0.05	2	550	30	1.81	3	4	88
K271876		<10	<1	0.16	10	0.64	357	1	0.09	2	560	9	0.48	2	5	52
K271877		<10	1	0.22	20	0.57	613	2	0.04	2	510	24	0.70	10	6	84
K271878		<10	1	0.26	10	0.61	992	5	0.03	2	700	195	1.24	8	6	101
K271879		<10	<1	0.20	10	0.63	435	1	0.10	1	540	9	0.27	<2	4	70
K271880		<10	2	0.09	<10	0.16	1350	1	0.02	11	130	>10000	>10.0	536	1	20
K271881		10	<1	0.17	20	0.69	419	1	0.09	3	610	10	0.32	<2	4	69
K271882		10	<1	0.16	10	0.77	437	2	0.10	2	580	15	0.56	<2	5	61
K271883		<10	<1	0.15	10	0.70	426	1	0.08	2	570	13	1.30	2	5	70
K271884		<10	<1	0.14	10	0.59	431	1	0.09	2	550	9	0.35	<2	5	70

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VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 18

CERTIFICATE OF ANALYSIS WH11135378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271849		<20	<0.01	<10	<10	22	<10	3500	19		
K271850		<20	<0.01	<10	<10	25	<10	51	<1		
K271851		<20	<0.01	<10	<10	9	<10	2030	16		
K271852		<20	<0.01	<10	<10	2	<10	19	<1		
K271853		<20	<0.01	<10	<10	8	<10	1520	38		
K271854		<20	<0.01	<10	<10	29	<10	72	<1		
K271855		<20	<0.01	<10	<10	25	<10	57	<1		
K271856		<20	<0.01	<10	<10	23	<10	491	2		
K271857		<20	<0.01	<10	<10	9	<10	1430	12		
K271858		<20	<0.01	<10	<10	2	<10	19	<1		
K271859		<20	<0.01	<10	<10	20	<10	670	1		
K271860		<20	0.01	<10	<10	37	<10	196	1		
K271861		<20	0.01	<10	<10	33	<10	95	<1		
K271862		<20	<0.01	<10	<10	30	<10	126	<1		
K271863		<20	0.01	<10	<10	28	<10	420	1		
K271864		<20	0.04	<10	<10	42	<10	416	3		
K271865		<20	0.10	<10	<10	50	<10	30	<1		
K271866		<20	<0.01	<10	<10	34	<10	40	<1		
K271867		<20	0.02	<10	<10	40	<10	32	<1		
K271868		<20	0.04	<10	<10	40	<10	213	<1		
K271869		<20	<0.01	<10	<10	6	130	>10000	430	3.10	3.53
K271870		<20	0.01	<10	<10	34	<10	50	<1		
K271871		<20	<0.01	<10	<10	23	<10	156	<1		
K271872		<20	<0.01	<10	<10	26	<10	216	<1		
K271873		<20	<0.01	<10	<10	18	<10	213	4		
K271874		<20	<0.01	<10	<10	28	<10	39	<1		
K271875		<20	<0.01	<10	<10	23	<10	155	<1		
K271876		<20	0.06	<10	<10	47	<10	34	<1		
K271877		<20	<0.01	<10	<10	27	<10	157	<1		
K271878		<20	<0.01	<10	<10	33	<10	264	<1		
K271879		<20	0.09	<10	<10	48	<10	33	<1		
K271880		<20	<0.01	<10	<10	7	130	>10000	431	3.09	3.48
K271881		<20	0.11	<10	<10	52	<10	36	<1		
K271882		<20	0.08	<10	<10	50	<10	39	<1		
K271883		<20	0.04	<10	<10	42	<10	41	<1		
K271884		<20	0.05	<10	<10	45	<10	38	<1		

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11138831

Project: Klaza TR- 33

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 20- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11138831

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275162		4.20	0.034	2.1	1.51	90	<10	350	0.7	2	0.43	3.1	7	9	14	2.92
K275163		5.58	0.031	1.9	1.39	90	<10	360	0.8	<2	0.43	3.1	7	6	11	2.90
K275164		5.06	0.007	0.7	1.10	19	<10	290	0.7	<2	0.82	0.9	7	5	7	2.67
K275165		2.01	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	18.3	<0.5	1	<1	2	0.43
K275166		3.93	0.021	1.3	1.08	50	<10	280	0.5	<2	0.39	1.9	6	6	9	2.51
K275167		4.15	<0.005	0.4	1.28	12	<10	270	0.6	<2	0.73	0.5	6	5	9	2.61
K275168		5.26	0.007	0.5	1.08	16	<10	190	0.6	<2	0.38	0.6	7	6	13	2.64
K275169		5.01	0.010	0.6	1.35	14	<10	180	0.6	<2	0.45	<0.5	7	6	11	2.63
K275170		5.10	0.015	1.1	1.29	26	<10	190	0.7	2	0.38	0.9	7	5	10	2.67
K275171		4.60	0.009	0.8	1.42	28	<10	240	0.7	<2	0.37	1.2	7	6	10	2.64
K275172		3.73	0.017	1.2	1.15	43	<10	180	0.6	<2	0.36	1.9	6	6	12	2.73
K275173		5.11	0.015	1.3	1.18	77	<10	380	0.6	<2	0.28	2.7	6	5	9	2.80
K275174		3.96	0.019	1.2	0.78	85	<10	1010	0.6	<2	0.47	3.6	6	4	10	2.77
K275175		4.29	0.019	1.1	0.67	60	<10	1110	0.6	2	0.47	2.4	5	3	6	2.71
K275176		4.31	0.128	3.1	0.56	282	<10	870	0.6	<2	0.69	2.9	7	3	7	2.80
K275177		4.12	0.019	1.4	0.55	75	<10	540	0.6	3	1.11	1.5	18	3	4	4.22
K275178		4.34	0.024	1.3	0.80	89	<10	900	0.7	4	0.46	1.2	14	4	9	3.58
K275179		5.05	0.016	0.9	0.52	66	<10	480	0.6	4	0.75	0.6	11	3	6	3.80
K275180		5.40	0.011	0.7	1.12	34	<10	350	0.7	2	0.37	<0.5	6	5	13	2.90
K275181		3.51	0.014	0.6	0.64	33	<10	580	0.6	3	1.52	0.5	5	4	5	3.18
K275182		4.01	0.005	0.3	1.23	12	<10	150	0.7	3	0.48	<0.5	5	5	4	2.92
K275183		4.19	0.006	0.5	0.47	15	<10	500	0.7	4	0.41	<0.5	7	4	4	3.46
K275184		3.72	0.484	12.1	0.60	898	<10	690	0.8	2	0.43	3.4	5	2	15	3.63
K275185		4.05	0.154	4.0	0.49	246	<10	770	0.8	3	0.39	1.2	6	3	7	3.94
K275186		4.21	0.010	0.6	1.11	15	<10	260	0.7	2	0.34	<0.5	7	5	8	2.87
K275187		3.03	0.008	0.5	0.86	15	<10	450	0.6	2	0.45	<0.5	9	4	6	3.81
K275188		3.19	0.059	1.2	0.70	174	<10	630	0.7	4	0.29	0.5	25	1	4	7.08
K275189		3.88	0.017	0.9	1.40	33	<10	840	0.7	4	0.30	<0.5	33	4	6	6.54
K275190		0.13	1.675	31.7	4.64	140	<10	40	<0.5	3	4.26	30.5	83	53	6790	7.91
K275191		6.56	0.013	0.7	0.89	14	<10	290	0.7	2	0.26	<0.5	7	5	33	2.83
K275192		5.54	0.017	0.8	0.60	16	<10	420	0.7	2	0.25	<0.5	7	5	23	2.95
K275193		5.00	0.006	0.3	0.66	10	<10	240	0.6	2	0.21	<0.5	6	5	14	2.74
K275194		3.14	0.010	0.5	0.49	28	<10	780	0.6	2	0.24	<0.5	8	3	5	2.99
K275195		5.54	0.007	0.4	0.73	12	<10	920	0.8	<2	0.28	<0.5	7	4	14	2.89
K275196		4.20	0.005	0.3	0.63	12	<10	700	0.7	<2	0.25	<0.5	7	4	7	2.82
K275197		4.51	0.005	0.3	1.16	6	<10	330	0.7	2	0.34	<0.5	8	5	12	2.96

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VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11138831

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275162		<10	<1	0.18	20	0.47	790	1	0.05	6	620	35	<0.01	5	7	31
K275163		<10	2	0.16	20	0.42	809	1	0.03	2	580	39	<0.01	5	7	23
K275164		<10	2	0.13	30	0.47	678	1	0.02	2	590	15	<0.01	4	6	30
K275165		<10	<1	0.02	10	11.40	205	<1	0.02	<1	200	<2	0.08	<2	<1	45
K275166		<10	<1	0.13	20	0.53	634	1	0.04	2	530	19	<0.01	3	5	28
K275167		<10	1	0.14	20	0.52	569	1	0.04	1	560	11	<0.01	2	6	32
K275168		<10	5	0.11	30	0.50	676	1	0.02	2	600	9	<0.01	4	6	20
K275169		10	7	0.11	30	0.67	540	1	0.02	2	600	12	<0.01	3	6	15
K275170		<10	6	0.11	30	0.62	568	1	0.01	2	600	19	<0.01	4	7	14
K275171		10	5	0.13	30	0.59	507	1	0.02	2	620	14	<0.01	2	6	16
K275172		<10	3	0.09	20	0.60	549	1	0.02	2	670	15	<0.01	5	6	17
K275173		<10	2	0.18	30	0.50	656	1	0.01	2	690	15	<0.01	4	6	12
K275174		<10	2	0.19	30	0.32	1070	1	0.02	3	660	19	0.07	5	5	22
K275175		<10	1	0.17	30	0.31	1100	<1	0.02	1	650	17	0.09	5	4	23
K275176		<10	1	0.24	30	0.08	1960	1	0.02	2	610	63	0.22	10	5	20
K275177		<10	<1	0.19	30	0.13	1785	<1	0.01	2	720	21	0.31	4	5	20
K275178		<10	1	0.24	30	0.14	1350	1	0.02	2	650	21	0.08	5	5	18
K275179		<10	<1	0.19	40	0.07	1525	1	0.02	2	690	14	0.04	5	6	17
K275180		<10	2	0.18	30	0.43	858	1	0.01	2	670	14	<0.01	4	7	12
K275181		<10	<1	0.21	30	0.25	1360	1	0.03	1	710	15	0.11	7	5	30
K275182		<10	2	0.17	30	0.60	652	<1	0.02	2	670	13	<0.01	7	6	15
K275183		<10	<1	0.16	30	0.06	1265	1	0.01	2	700	14	0.02	10	7	13
K275184		<10	1	0.28	30	0.11	7890	2	0.01	2	430	565	0.12	35	4	36
K275185		<10	1	0.20	30	0.08	3680	2	0.01	3	640	114	0.10	12	5	22
K275186		<10	5	0.11	30	0.48	813	1	0.01	2	660	18	<0.01	7	7	12
K275187		<10	<1	0.18	20	0.38	1345	2	0.03	2	660	13	0.06	3	6	22
K275188		<10	<1	0.36	30	0.10	2710	1	0.02	2	710	14	0.18	5	4	29
K275189		10	<1	0.22	20	0.52	1680	1	0.02	2	760	17	0.09	7	5	20
K275190		10	<1	0.23	10	1.10	603	48	0.34	298	660	7890	7.04	27	4	78
K275191		<10	1	0.13	20	0.26	794	1	0.01	3	650	25	0.02	5	8	9
K275192		<10	1	0.12	20	0.20	1200	1	0.01	3	660	20	0.01	5	7	10
K275193		<10	<1	0.13	20	0.09	1160	1	0.01	2	620	12	<0.01	5	8	11
K275194		<10	1	0.20	20	0.13	2970	1	0.01	3	600	10	0.03	3	4	17
K275195		<10	1	0.16	20	0.10	1100	1	0.02	3	600	15	0.01	5	7	15
K275196		<10	1	0.17	20	0.18	1445	1	0.02	2	630	10	0.01	2	5	14
K275197		<10	1	0.14	30	0.42	1165	1	0.01	2	710	10	<0.01	2	7	13

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11138831

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275162		<20	0.03	<10	<10	46	<10	558
K275163		<20	0.02	<10	<10	44	<10	318
K275164		<20	0.03	<10	<10	43	<10	100
K275165		<20	0.01	<10	10	1	<10	18
K275166		<20	0.04	<10	<10	44	<10	182
K275167		<20	0.04	<10	<10	45	<10	95
K275168		<20	0.02	<10	<10	42	<10	101
K275169		20	0.02	<10	<10	45	<10	103
K275170		20	0.02	<10	<10	45	<10	133
K275171		<20	0.02	<10	<10	47	<10	163
K275172		<20	0.02	<10	<10	44	<10	199
K275173		<20	0.02	<10	<10	41	<10	212
K275174		<20	0.01	<10	<10	30	<10	235
K275175		<20	0.01	<10	<10	25	<10	173
K275176		<20	0.01	<10	<10	22	<10	310
K275177		<20	0.01	<10	<10	28	<10	192
K275178		<20	0.01	<10	<10	33	<10	159
K275179		<20	0.01	<10	<10	33	<10	105
K275180		<20	0.02	<10	<10	40	<10	70
K275181		<20	0.02	<10	<10	30	<10	97
K275182		20	0.02	<10	<10	40	<10	53
K275183		20	0.02	<10	<10	37	<10	66
K275184		<20	0.01	<10	<10	16	<10	299
K275185		<20	0.01	<10	<10	27	<10	140
K275186		20	0.02	<10	<10	42	<10	62
K275187		<20	0.02	<10	<10	38	<10	72
K275188		<20	0.01	<10	<10	22	<10	88
K275189		<20	0.03	<10	<10	39	10	101
K275190		<20	0.06	<10	10	301	10	7190
K275191		<20	0.02	<10	<10	44	<10	83
K275192		<20	0.02	<10	<10	38	<10	75
K275193		<20	0.02	<10	<10	43	<10	81
K275194		<20	0.02	<10	<10	25	<10	78
K275195		<20	0.01	<10	<10	34	<10	54
K275196		<20	0.01	<10	<10	30	<10	51
K275197		20	0.02	<10	<10	43	<10	48

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Finalized Date: 21- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11138832

Project: Klaza TR- 33

P.O. No.: Batch 3

This report is for 31 Rock samples submitted to our lab in Whitehorse, YT, Canada on 20- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- 31	Pulverize split to 85% < 75 um
SPL- 21	Split sample - riffle splitter
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11138832

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275198		4.41	0.008	0.4	1.55	23	<10	260	0.6	2	0.42	<0.5	7	9	10	2.94
K275199		4.36	0.005	0.3	1.39	6	<10	220	0.5	2	0.38	<0.5	7	7	10	2.82
K275200		4.50	0.005	0.3	1.26	8	<10	270	0.6	<2	0.35	<0.5	7	6	17	2.85
K275201		4.01	0.381	15.0	0.45	1780	<10	1620	0.9	<2	0.23	18.2	6	2	34	3.68
K275202		3.84	0.012	8.3	0.53	108	<10	620	0.9	<2	0.31	1.2	8	3	19	2.95
K275203		4.51	0.067	21.3	0.51	524	<10	920	0.8	2	0.24	1.2	6	4	30	3.16
K275204		3.75	<0.005	0.3	0.47	15	<10	530	0.7	<2	0.18	<0.5	2	2	4	0.99
K275205		4.93	<0.005	0.2	0.40	7	<10	370	0.8	<2	0.16	<0.5	1	2	8	0.68
K275206		3.72	0.005	0.2	0.77	15	<10	240	1.0	<2	0.27	<0.5	2	3	8	1.14
K275207		4.47	<0.005	0.2	0.49	11	<10	290	0.8	<2	0.27	<0.5	7	4	19	2.88
K275208		4.93	0.005	0.2	0.57	7	<10	330	0.6	<2	0.28	<0.5	7	5	13	2.97
K275209		6.02	<0.005	0.3	0.56	10	<10	550	0.6	<2	0.26	<0.5	7	5	70	3.03
K275210		5.57	0.006	0.3	0.59	16	<10	330	0.6	<2	0.32	<0.5	7	6	30	2.88
K275211		5.94	0.008	0.7	0.68	13	<10	490	0.6	3	0.73	<0.5	8	5	31	3.02
K275212		5.62	<0.005	0.2	0.46	7	<10	980	0.6	<2	0.84	<0.5	7	4	23	2.86
K275213		4.38	<0.005	0.2	0.51	10	<10	810	0.8	<2	0.49	<0.5	7	3	15	3.06
K275214		4.96	<0.005	<0.2	0.56	7	<10	270	1.2	<2	1.09	<0.5	1	1	1	0.81
K275215		5.11	<0.005	0.2	0.64	14	<10	290	1.2	<2	0.30	<0.5	2	2	1	0.64
K275216		5.92	<0.005	0.2	0.74	9	<10	390	1.4	<2	0.90	<0.5	11	22	12	3.73
K275217		3.22	<0.005	<0.2	0.05	<2	<10	<10	<0.5	<2	20.0	<0.5	1	1	1	0.37
K275218		5.01	<0.005	<0.2	0.50	5	<10	750	1.3	<2	0.37	<0.5	2	2	1	1.06
K275219		4.04	<0.005	<0.2	0.61	2	<10	330	1.2	<2	0.39	<0.5	2	2	1	1.45
K275220		5.45	<0.005	0.3	0.80	4	<10	300	1.4	<2	0.30	<0.5	4	4	4	1.47
K275221		4.71	<0.005	<0.2	0.76	4	<10	540	1.1	<2	0.79	<0.5	6	11	3	2.36
K275222		4.38	<0.005	0.2	0.83	5	<10	520	1.0	<2	0.75	<0.5	6	12	4	2.27
K275223		4.59	<0.005	<0.2	0.75	3	<10	560	1.1	<2	1.35	<0.5	5	11	3	2.03
K275224		4.93	<0.005	<0.2	0.71	4	<10	460	1.2	<2	0.75	<0.5	5	10	4	2.08
K275225		5.24	<0.005	<0.2	0.89	5	<10	780	1.2	<2	0.39	<0.5	5	11	4	2.11
K275226		5.20	<0.005	<0.2	0.84	2	<10	490	1.1	<2	0.35	<0.5	6	12	5	2.23
K275227		0.10	1.425	31.7	4.95	148	<10	30	<0.5	16	4.77	32.7	85	57	7210	8.51
K275228		6.10	<0.005	0.3	0.94	4	<10	590	1.0	<2	0.39	<0.5	6	12	15	2.23

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11138832

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275198		10	2	0.14	20	0.58	1140	<1	0.02	3	590	15	<0.01	<2	6	20
K275199		10	2	0.12	20	0.62	700	<1	0.03	2	600	8	<0.01	<2	6	18
K275200		10	1	0.12	20	0.52	745	<1	0.01	1	610	11	<0.01	<2	7	14
K275201		<10	2	0.21	50	0.03	11850	2	0.01	1	420	896	0.11	43	6	47
K275202		<10	1	0.15	30	0.06	3620	2	<0.01	3	420	928	0.03	12	7	27
K275203		<10	1	0.15	30	0.05	3370	1	<0.01	1	580	1180	0.06	36	8	18
K275204		<10	1	0.18	10	0.04	832	<1	<0.01	2	160	31	<0.01	<2	2	17
K275205		<10	<1	0.18	10	0.04	638	<1	<0.01	1	80	29	<0.01	<2	2	18
K275206		<10	1	0.24	20	0.07	496	<1	<0.01	1	160	29	<0.01	2	3	15
K275207		<10	<1	0.13	20	0.08	854	1	0.03	2	600	10	<0.01	2	8	15
K275208		<10	<1	0.12	20	0.11	837	<1	0.03	1	600	9	<0.01	<2	9	15
K275209		<10	<1	0.16	20	0.12	935	<1	0.03	2	600	10	<0.01	<2	6	16
K275210		<10	<1	0.12	20	0.17	867	<1	0.02	2	600	16	<0.01	<2	6	15
K275211		<10	<1	0.18	30	0.23	959	<1	0.02	1	600	12	0.02	<2	6	23
K275212		<10	<1	0.15	30	0.07	931	<1	0.03	2	600	10	0.02	<2	7	38
K275213		<10	<1	0.18	30	0.08	805	<1	0.03	1	640	10	0.01	<2	8	25
K275214		<10	<1	0.20	10	0.05	329	<1	0.01	<1	90	28	<0.01	<2	2	94
K275215		<10	<1	0.22	10	0.05	237	<1	0.01	1	70	16	<0.01	<2	1	22
K275216		<10	<1	0.22	20	0.16	837	<1	0.01	10	1720	15	<0.01	2	7	42
K275217		<10	<1	0.03	<10	12.20	177	<1	0.01	<1	270	<2	<0.01	<2	<1	56
K275218		<10	<1	0.22	20	0.06	439	<1	<0.01	<1	220	24	<0.01	<2	2	24
K275219		<10	<1	0.26	30	0.08	427	<1	0.01	<1	430	15	<0.01	<2	3	22
K275220		<10	<1	0.36	30	0.14	392	<1	0.01	1	540	14	<0.01	<2	4	18
K275221		<10	<1	0.35	30	0.34	588	<1	0.03	4	890	14	<0.01	<2	6	88
K275222		<10	1	0.37	30	0.36	603	<1	0.04	4	790	14	<0.01	<2	5	95
K275223		<10	<1	0.38	20	0.37	531	<1	0.03	3	740	14	<0.01	<2	5	195
K275224		<10	<1	0.34	20	0.32	562	<1	0.03	3	780	17	<0.01	<2	6	83
K275225		<10	<1	0.39	30	0.30	562	<1	0.03	3	790	16	<0.01	<2	5	32
K275226		<10	<1	0.41	30	0.37	548	<1	0.04	4	810	14	<0.01	<2	5	28
K275227		10	<1	0.24	<10	1.18	622	49	0.36	323	670	8520	7.20	26	4	81
K275228		<10	<1	0.40	30	0.35	606	<1	0.03	5	850	20	<0.01	<2	5	23

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Finalized Date: 21- AUG- 2011
Account: ROCKHA

Project: Klaza TR- 33

CERTIFICATE OF ANALYSIS WH11138832

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275198		20	0.01	<10	<10	45	<10	69
K275199		<20	0.01	<10	<10	47	<10	46
K275200		<20	0.01	<10	<10	46	<10	48
K275201		<20	<0.01	<10	<10	16	<10	1420
K275202		<20	<0.01	<10	<10	23	<10	166
K275203		<20	<0.01	<10	<10	36	<10	128
K275204		<20	<0.01	<10	<10	9	<10	32
K275205		<20	<0.01	<10	<10	6	<10	22
K275206		<20	<0.01	<10	<10	9	<10	30
K275207		<20	0.01	<10	<10	39	<10	49
K275208		<20	0.01	<10	<10	43	<10	47
K275209		<20	0.01	<10	<10	39	<10	51
K275210		<20	0.01	<10	<10	39	<10	54
K275211		<20	<0.01	<10	<10	36	<10	46
K275212		<20	<0.01	<10	<10	34	<10	43
K275213		<20	<0.01	<10	<10	37	<10	45
K275214		<20	<0.01	<10	<10	3	<10	21
K275215		<20	<0.01	<10	<10	3	<10	16
K275216		<20	0.01	<10	<10	60	<10	74
K275217		<20	<0.01	<10	<10	2	<10	13
K275218		<20	<0.01	<10	<10	6	<10	24
K275219		<20	<0.01	<10	<10	13	<10	34
K275220		<20	<0.01	<10	<10	18	<10	36
K275221		<20	0.06	<10	<10	42	<10	49
K275222		<20	0.08	<10	<10	40	<10	50
K275223		<20	0.06	<10	<10	36	<10	46
K275224		<20	0.05	<10	<10	37	<10	46
K275225		<20	0.05	<10	<10	36	<10	45
K275226		<20	0.09	<10	<10	39	<10	50
K275227		<20	0.05	<10	10	323	<10	7920
K275228		<20	0.07	<10	<10	40	<10	61

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Finalized Date: 18- AUG- 2011
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CERTIFICATE WH11138833

Project: Klaza- DDH- 22

P.O. No.: Batch 1

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 22

CERTIFICATE OF ANALYSIS WH11138833

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272401		6.99	<0.005	<0.2	1.23	6	<10	660	<0.5	<2	0.78	<0.5	8	9	14	2.57
K272402		2.57	<0.005	<0.2	1.08	6	<10	640	<0.5	<2	0.80	<0.5	7	10	7	2.41
K272403		1.67	<0.005	<0.2	1.03	8	<10	470	<0.5	<2	1.86	<0.5	10	7	8	2.74
K272404		3.11	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	19.0	<0.5	1	<1	1	0.40
K272405		6.28	<0.005	<0.2	1.25	6	<10	530	<0.5	<2	1.00	<0.5	7	9	8	2.49
K272406		7.50	<0.005	<0.2	1.10	5	<10	590	<0.5	<2	0.83	<0.5	7	9	7	2.36
K272407		7.30	<0.005	<0.2	1.11	5	<10	570	<0.5	<2	0.78	<0.5	6	11	7	2.33
K272408		7.42	<0.005	<0.2	1.26	7	<10	530	<0.5	<2	0.85	<0.5	7	10	5	2.37
K272409		2.22	<0.005	<0.2	1.08	8	<10	500	<0.5	<2	1.08	<0.5	6	8	47	2.36
K272410		0.15	1.390	32.4	4.79	145	<10	30	<0.5	<2	4.57	32.2	92	56	6990	8.36
K272411		6.97	<0.005	<0.2	1.24	12	<10	460	<0.5	<2	0.96	<0.5	7	10	14	2.49
K272412		7.62	0.012	<0.2	1.20	5	<10	370	<0.5	<2	0.91	<0.5	6	11	5	2.33
K272413		7.06	<0.005	<0.2	1.28	4	<10	450	<0.5	<2	0.95	<0.5	6	10	6	2.47
K272414		3.06	<0.005	<0.2	1.13	4	<10	440	<0.5	<2	0.84	<0.5	6	9	6	2.41
K272415		7.46	<0.005	<0.2	1.22	4	<10	640	<0.5	<2	0.98	<0.5	7	11	7	2.53
K272416		7.58	<0.005	<0.2	1.02	6	<10	580	<0.5	<2	0.98	<0.5	7	11	6	2.43
K272417		5.63	<0.005	<0.2	0.84	34	<10	110	0.6	<2	0.98	0.7	12	6	6	1.44
K272418		5.32	<0.005	<0.2	0.73	6	<10	230	0.5	<2	1.41	<0.5	6	7	12	2.07
K272419		4.49	0.034	2.2	0.62	86	<10	160	0.6	2	1.48	4.9	13	5	12	3.38
K272420		4.90	0.657	82.1	0.20	1975	<10	<10	<0.5	39	1.50	20.1	42	4	1735	7.44
K272421		3.49	<0.005	<0.2	0.05	2	<10	10	<0.5	3	18.9	<0.5	1	<1	5	0.40
K272422		3.77	0.170	>100	0.45	567	<10	150	0.8	3	2.36	59.0	5	3	356	2.80
K272423		6.36	0.007	1.5	0.50	73	<10	1120	0.9	<2	3.05	2.3	8	3	14	2.32
K272424		6.44	0.010	4.4	0.57	39	<10	1490	0.9	<2	3.05	1.6	6	3	17	2.12
K272425		6.06	0.114	4.1	0.45	586	<10	70	<0.5	5	1.62	5.3	12	4	44	3.98
K272426		6.80	<0.005	<0.2	0.91	11	<10	290	<0.5	<2	1.26	<0.5	7	9	6	2.49
K272427		6.58	<0.005	<0.2	1.15	7	<10	250	<0.5	<2	1.19	<0.5	9	9	14	2.50
K272428		6.44	<0.005	<0.2	0.98	7	<10	240	<0.5	<2	1.18	<0.5	7	10	15	2.36
K272429		0.15	1.585	33.1	4.80	144	<10	30	<0.5	<2	4.54	32.0	92	57	7010	8.35
K272430		5.96	<0.005	<0.2	0.97	13	<10	610	<0.5	<2	2.49	<0.5	11	6	16	2.73
K272431		4.35	<0.005	<0.2	0.91	10	<10	290	<0.5	<2	1.77	<0.5	6	7	36	2.80
K272432		5.85	<0.005	0.2	0.68	20	<10	850	<0.5	<2	2.62	<0.5	5	5	11	2.83
K272433		5.51	<0.005	<0.2	1.00	6	<10	250	<0.5	<2	1.36	<0.5	6	9	5	2.51
K272434		5.69	<0.005	<0.2	1.17	4	<10	410	<0.5	<2	1.17	<0.5	6	9	4	2.38
K272435		5.24	<0.005	<0.2	0.95	4	<10	210	<0.5	<2	0.91	<0.5	6	9	4	2.22

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Finalized Date: 18- AUG- 2011
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Project: Klaza- DDH- 22

CERTIFICATE OF ANALYSIS WH11138833

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272401		10	1	0.38	20	0.60	481	1	0.10	4	590	11	0.02	4	5	45
K272402		10	<1	0.35	20	0.59	459	<1	0.07	2	610	8	0.01	3	4	44
K272403		<10	<1	0.31	20	0.71	566	1	0.06	2	600	7	0.03	3	5	54
K272404		<10	<1	0.02	<10	12.15	192	<1	<0.01	1	300	<2	0.02	4	<1	70
K272405		10	<1	0.30	20	0.64	441	1	0.09	2	610	8	0.02	2	4	39
K272406		<10	<1	0.30	20	0.63	375	<1	0.06	2	620	6	0.01	2	3	29
K272407		<10	<1	0.32	20	0.62	382	<1	0.06	2	590	6	0.01	2	3	26
K272408		10	<1	0.28	20	0.64	394	3	0.09	2	580	7	0.03	3	3	31
K272409		<10	<1	0.28	20	0.60	387	1	0.06	4	590	58	0.08	3	3	32
K272410		10	1	0.24	<10	1.13	624	47	0.31	313	670	8290	6.95	32	4	73
K272411		10	<1	0.29	20	0.65	382	1	0.09	2	610	21	0.05	3	4	35
K272412		10	<1	0.20	20	0.61	352	5	0.06	2	600	8	0.02	2	3	26
K272413		10	<1	0.29	20	0.63	395	4	0.10	2	600	6	0.02	3	4	37
K272414		<10	<1	0.25	20	0.63	363	5	0.06	2	620	6	0.02	3	3	29
K272415		<10	<1	0.37	20	0.64	458	1	0.11	2	610	5	0.04	2	4	46
K272416		<10	<1	0.33	20	0.60	442	1	0.07	2	620	4	0.04	5	4	42
K272417		<10	<1	0.25	30	0.28	423	2	<0.01	2	620	21	0.15	5	6	28
K272418		<10	<1	0.16	30	0.33	335	4	<0.01	1	670	7	0.03	5	8	41
K272419		<10	<1	0.22	20	0.46	2100	2	<0.01	2	590	446	1.19	6	6	41
K272420		<10	3	0.15	<10	0.42	1445	29	<0.01	2	300	1605	7.78	383	1	28
K272421		<10	<1	0.02	<10	12.25	192	<1	<0.01	1	260	3	0.03	4	<1	50
K272422		<10	2	0.16	20	0.71	1310	2	<0.01	3	900	>10000	1.43	141	4	99
K272423		<10	<1	0.28	10	0.95	771	1	0.01	4	1010	167	0.30	<2	3	132
K272424		<10	<1	0.30	10	0.86	693	1	0.01	3	950	625	0.18	9	4	166
K272425		<10	<1	0.21	10	0.49	1305	2	0.01	1	560	362	2.54	10	4	61
K272426		<10	<1	0.18	20	0.62	523	<1	0.04	2	610	8	0.08	3	5	58
K272427		10	<1	0.19	20	0.67	506	<1	0.07	1	600	11	0.03	3	4	51
K272428		<10	<1	0.14	20	0.63	434	<1	0.04	2	590	16	0.02	2	4	48
K272429		10	1	0.24	10	1.12	626	48	0.31	313	660	8270	6.97	31	4	73
K272430		<10	<1	0.23	20	0.66	801	<1	0.03	2	580	9	0.11	5	4	87
K272431		<10	<1	0.16	20	0.67	709	1	0.02	2	580	6	0.07	6	5	79
K272432		<10	<1	0.29	20	0.59	875	<1	0.03	1	600	13	0.16	5	3	130
K272433		<10	<1	0.16	20	0.65	494	<1	0.04	1	560	6	0.07	3	4	59
K272434		<10	<1	0.25	20	0.60	453	<1	0.09	2	570	6	0.01	4	4	57
K272435		<10	<1	0.13	20	0.60	359	<1	0.05	2	570	5	0.01	3	3	36

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CERTIFICATE OF ANALYSIS WH11138833

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K272401		<20	0.15	<10	<10	57	<10	45	<1	
K272402		<20	0.17	<10	<10	58	<10	39	<1	
K272403		<20	0.11	<10	<10	54	<10	42	1	
K272404		<20	<0.01	<10	20	1	<10	13	1	
K272405		<20	0.16	<10	<10	58	<10	35	<1	
K272406		<20	0.17	<10	<10	57	<10	31	<1	
K272407		<20	0.18	<10	<10	57	<10	33	1	
K272408		<20	0.17	<10	<10	56	<10	32	<1	
K272409		<20	0.16	<10	<10	58	<10	82	<1	
K272410		<20	0.05	<10	<10	313	<10	7840	31	
K272411		<20	0.17	<10	<10	60	<10	57	<1	
K272412		20	0.17	<10	<10	55	<10	31	1	
K272413		<20	0.17	<10	<10	59	<10	32	<1	
K272414		<20	0.16	<10	<10	56	<10	31	<1	
K272415		20	0.16	<10	<10	60	<10	37	<1	
K272416		20	0.14	<10	<10	55	<10	34	<1	
K272417		20	0.01	<10	<10	25	<10	77	<1	
K272418		20	0.03	<10	<10	44	<10	35	2	
K272419		<20	<0.01	<10	<10	24	<10	440	3	
K272420		<20	<0.01	<10	<10	6	<10	1605	77	
K272421		<20	<0.01	<10	20	2	<10	17	<1	
K272422		<20	<0.01	<10	<10	12	<10	3590	203	3.41
K272423		<20	<0.01	<10	<10	14	<10	163	2	
K272424		<20	<0.01	<10	<10	17	<10	136	5	
K272425		<20	<0.01	<10	<10	22	<10	469	5	
K272426		<20	0.07	<10	<10	46	<10	42	<1	
K272427		<20	0.10	<10	<10	52	<10	60	<1	
K272428		20	0.08	<10	<10	50	<10	44	<1	
K272429		<20	0.05	<10	<10	317	<10	7860	32	
K272430		<20	<0.01	<10	<10	33	<10	52	1	
K272431		20	0.02	<10	<10	40	<10	44	<1	
K272432		20	<0.01	<10	<10	21	<10	54	1	
K272433		20	0.05	<10	<10	44	<10	38	<1	
K272434		20	0.13	<10	<10	53	<10	34	1	
K272435		20	0.13	<10	<10	51	<10	30	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11138834

Project: Klaza- DDH- 20

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- 31	Pulverize split to 85% < 75 um
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 21- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11138834

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272273		4.61	0.014	1.1	0.68	28	<10	50	0.6	<2	2.86	0.5	13	4	3	2.85
K272274		10.21	<0.005	<0.2	0.98	7	<10	200	<0.5	<2	1.55	<0.5	7	9	9	2.46
K272275		5.71	<0.005	<0.2	1.00	9	<10	150	<0.5	<2	2.03	<0.5	3	7	5	2.24
K272276		3.87	0.332	4.3	0.62	980	<10	390	0.7	<2	2.03	15.2	5	4	40	2.48
K272277		3.05	<0.005	<0.2	0.05	8	<10	20	<0.5	<2	19.6	<0.5	<1	1	<1	0.42
K272278		12.72	<0.005	<0.2	0.83	6	<10	90	<0.5	<2	1.04	<0.5	6	8	19	2.13
K272279		13.08	<0.005	<0.2	1.03	8	<10	110	<0.5	<2	0.97	<0.5	6	8	5	2.18
K272280		7.37	<0.005	<0.2	1.03	5	<10	100	<0.5	<2	0.99	<0.5	5	8	10	2.24
K272281		7.61	<0.005	<0.2	0.90	5	<10	80	<0.5	<2	0.83	<0.5	5	9	4	2.16
K272282		12.75	<0.005	<0.2	1.04	8	<10	120	<0.5	<2	1.03	<0.5	5	11	13	2.19
K272283		0.13	1.545	33.0	4.87	161	<10	50	<0.5	15	4.64	32.5	88	57	7440	8.35
K272284		13.23	<0.005	0.2	1.06	5	<10	120	<0.5	<2	0.99	<0.5	5	7	12	2.27
K272285		12.88	<0.005	<0.2	1.19	4	<10	130	<0.5	<2	1.10	<0.5	6	8	6	2.47
K272286		4.35	0.040	5.2	0.64	71	<10	180	0.6	<2	2.51	1.5	6	4	84	2.68
K272287		8.15	0.008	0.3	1.05	13	<10	250	<0.5	<2	1.92	<0.5	8	6	3	2.82
K272288		12.71	<0.005	0.2	0.99	7	<10	150	<0.5	<2	1.08	<0.5	5	7	11	2.44
K272289		7.52	<0.005	0.2	1.11	6	<10	440	<0.5	<2	1.68	<0.5	5	9	45	2.51
K272290		8.24	0.006	0.2	0.86	26	<10	310	<0.5	<2	1.60	<0.5	5	8	19	2.55
K272291		3.47	0.007	0.3	0.94	29	<10	300	<0.5	<2	1.58	<0.5	4	6	11	2.59
K272292		11.25	0.347	5.7	0.28	1145	<10	50	0.5	2	2.07	8.4	12	4	41	3.38
K272293		11.58	0.025	0.7	0.80	67	<10	420	<0.5	<2	1.59	2.2	7	7	10	2.34
K272294		13.63	0.047	1.6	0.79	67	<10	630	<0.5	<2	1.51	11.6	6	7	21	2.61
K272295		12.86	0.009	0.7	1.05	20	<10	240	<0.5	<2	1.45	2.8	6	9	7	2.33
K272296		12.99	<0.005	0.5	1.09	11	<10	200	<0.5	<2	1.18	0.7	6	9	60	2.60
K272297		0.13	1.370	31.8	4.71	151	<10	60	<0.5	17	4.51	31.5	84	57	7180	8.14
K272298		12.14	<0.005	<0.2	0.95	5	<10	220	<0.5	<2	1.40	<0.5	7	9	10	2.61
K272299		12.04	0.035	3.5	0.90	79	<10	360	<0.5	<2	1.56	16.7	6	9	33	2.69
K272300		9.62	0.345	14.5	0.32	1435	<10	20	0.6	5	2.88	133.5	6	3	83	3.44
K272301		2.71	0.006	<0.2	0.04	2	<10	20	<0.5	<2	18.5	<0.5	<1	<1	3	0.41
K272302		7.78	1.835	3.6	0.34	4540	<10	50	0.6	<2	2.23	27.7	6	3	24	3.92
K272303		7.13	0.028	0.9	0.76	53	<10	270	0.5	<2	1.77	4.1	6	7	10	3.00
K272304		6.15	0.009	0.6	0.66	18	<10	270	0.5	<2	2.21	1.2	7	6	2	2.73
K272305		11.11	0.027	3.8	0.60	125	<10	210	0.5	<2	1.93	13.7	8	5	18	2.94
K272306		7.54	0.005	<0.2	0.94	15	<10	230	<0.5	<2	1.58	<0.5	5	7	15	2.45
K272307		13.15	0.019	0.4	0.63	16	<10	180	<0.5	<2	1.96	1.1	6	6	6	2.62
K272308		6.44	1.290	56.0	0.41	1800	<10	20	0.5	22	1.86	92.4	11	4	378	4.87

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11138834

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272273		<10	<1	0.24	10	0.36	1295	2	0.01	1	510	47	1.95	<2	4	73
K272274		<10	<1	0.12	10	0.61	487	2	0.05	1	520	9	0.43	<2	5	53
K272275		<10	<1	0.15	20	0.56	531	1	0.05	1	510	6	0.06	<2	5	51
K272276		<10	<1	0.17	20	0.42	869	2	0.02	2	490	744	0.70	7	6	85
K272277		<10	<1	0.02	<10	12.10	190	<1	0.02	<1	260	3	0.06	<2	<1	57
K272278		<10	<1	0.08	10	0.54	418	2	0.05	1	480	9	0.06	<2	4	33
K272279		<10	<1	0.12	10	0.58	427	1	0.08	1	470	12	0.05	<2	4	42
K272280		<10	<1	0.11	10	0.57	441	1	0.07	1	480	10	0.02	<2	4	41
K272281		<10	<1	0.07	10	0.56	407	1	0.05	1	490	10	0.01	<2	3	33
K272282		<10	<1	0.12	10	0.51	383	1	0.08	2	510	10	0.02	<2	3	40
K272283		<10	1	0.23	<10	1.12	613	52	0.34	322	700	8700	7.58	29	4	82
K272284		<10	<1	0.08	10	0.57	402	1	0.05	2	570	21	0.03	<2	2	47
K272285		<10	<1	0.13	10	0.63	506	1	0.09	1	550	12	0.01	<2	4	49
K272286		<10	<1	0.17	10	0.42	1080	1	0.02	2	520	115	1.05	28	5	67
K272287		<10	<1	0.17	20	0.66	633	1	0.05	1	610	19	0.42	<2	6	57
K272288		<10	<1	0.09	10	0.65	523	1	0.05	1	600	10	0.03	<2	4	40
K272289		<10	<1	0.13	10	0.65	823	<1	0.07	1	520	11	0.07	<2	5	56
K272290		<10	<1	0.13	10	0.60	808	1	0.04	1	570	12	0.14	<2	6	55
K272291		<10	<1	0.17	20	0.60	835	1	0.06	1	570	17	0.18	<2	5	60
K272292		<10	<1	0.19	10	0.68	1110	1	0.01	1	450	979	2.67	18	4	65
K272293		<10	<1	0.21	20	0.61	857	40	0.05	2	560	120	0.33	4	5	70
K272294		<10	<1	0.16	20	0.60	879	8	0.05	1	540	391	0.34	3	5	66
K272295		<10	<1	0.19	20	0.58	626	1	0.08	1	550	300	0.11	<2	5	62
K272296		<10	<1	0.13	10	0.70	582	2	0.05	5	580	115	0.12	2	5	43
K272297		<10	1	0.22	<10	1.09	597	51	0.33	315	670	8460	7.33	30	4	80
K272298		<10	<1	0.12	20	0.66	623	2	0.05	5	560	24	0.22	<2	5	51
K272299		<10	<1	0.19	20	0.65	731	1	0.06	2	540	1160	0.54	4	5	69
K272300		<10	<1	0.21	10	0.91	1435	1	0.01	2	460	3400	2.66	19	4	96
K272301		<10	<1	0.02	<10	11.80	181	<1	0.01	2	190	6	0.07	<2	<1	52
K272302		<10	<1	0.22	10	0.73	1750	1	0.01	1	470	935	2.23	21	5	75
K272303		<10	<1	0.24	20	0.61	1240	<1	0.04	1	540	229	0.62	3	5	69
K272304		<10	<1	0.28	20	0.62	814	<1	0.04	2	550	63	1.18	<2	5	97
K272305		<10	<1	0.17	20	0.69	1060	<1	0.02	1	550	1480	0.71	4	6	81
K272306		<10	<1	0.16	20	0.71	654	1	0.06	1	540	14	0.16	<2	5	65
K272307		<10	<1	0.17	20	0.64	789	<1	0.03	1	540	64	0.69	<2	5	71
K272308		<10	1	0.28	10	0.52	1540	58	0.01	1	400	>10000	4.83	134	4	53

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11138834

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K272273		<20	<0.01	<10	<10	17	<10	71	1	
K272274		20	0.03	<10	<10	41	<10	34	<1	
K272275		20	0.02	<10	<10	40	<10	32	1	
K272276		20	<0.01	<10	<10	24	<10	1015	2	
K272277		<20	<0.01	<10	10	2	<10	16	<1	
K272278		20	0.07	<10	<10	42	<10	31	<1	
K272279		20	0.09	<10	<10	43	<10	36	<1	
K272280		20	0.09	<10	<10	43	<10	33	<1	
K272281		<20	0.10	<10	<10	43	<10	32	<1	
K272282		<20	0.12	<10	<10	46	<10	30	<1	
K272283		<20	0.06	<10	<10	319	<10	7820	31	
K272284		<20	0.11	<10	<10	49	<10	40	<1	
K272285		<20	0.11	<10	<10	51	<10	38	<1	
K272286		<20	<0.01	<10	<10	21	<10	173	4	
K272287		<20	0.02	<10	<10	43	<10	51	<1	
K272288		<20	0.08	<10	<10	51	<10	36	<1	
K272289		<20	0.04	<10	<10	48	<10	50	<1	
K272290		<20	0.03	<10	<10	45	<10	56	<1	
K272291		<20	0.04	<10	<10	43	<10	54	<1	
K272292		<20	<0.01	<10	<10	13	<10	749	3	
K272293		<20	0.04	<10	<10	36	30	285	<1	
K272294		<20	0.04	<10	<10	38	<10	817	<1	
K272295		20	0.05	<10	<10	42	<10	226	<1	
K272296		20	0.07	<10	<10	54	<10	151	<1	
K272297		<20	0.05	<10	<10	311	<10	7610	30	
K272298		<20	0.05	<10	<10	48	<10	47	<1	
K272299		<20	0.02	<10	<10	39	<10	1105	1	
K272300		<20	<0.01	<10	<10	15	<10	9110	12	
K272301		<20	<0.01	<10	<10	1	<10	35	<1	
K272302		<20	<0.01	<10	<10	16	<10	1860	3	
K272303		<20	0.01	<10	<10	31	<10	442	<1	
K272304		<20	<0.01	<10	<10	24	<10	128	<1	
K272305		<20	<0.01	<10	<10	29	<10	1015	2	
K272306		<20	0.03	<10	<10	40	<10	46	<1	
K272307		<20	<0.01	<10	<10	30	<10	152	<1	
K272308		<20	<0.01	<10	<10	13	<10	8250	55	1.280

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VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11138835

Project: Klaza- DDH- 19

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- 31	Pulverize split to 85% < 75 um
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11138835

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K272157		11.31	0.025		1.0	0.36	23	<10	30	<0.5	<2	1.75	2.1	9	7	3
K272158		4.43	1.560		9.6	0.48	6090	<10	20	0.5	<2	1.77	38.1	7	4	39
K272159		11.73	0.096		2.7	0.35	272	<10	50	0.6	<2	2.69	9.8	6	3	8
K272160		8.80	0.012		0.3	0.94	18	<10	270	0.8	<2	2.24	<0.5	7	6	7
K272161		10.18	0.741		11.2	0.32	3460	<10	30	0.5	<2	2.38	48.0	7	3	51
K272162		12.13	0.032		0.6	0.56	95	<10	190	0.7	<2	2.44	<0.5	6	5	4
K272163		0.21	3.24		>100	0.18	>10000	<10	10	<0.5	<2	0.42	326	3	9	1570
K272164		9.31	0.324		3.6	0.36	1040	<10	20	0.6	<2	2.30	22.4	9	4	25
K272165		12.04	<0.005		0.2	0.59	15	<10	440	0.9	<2	2.80	<0.5	4	8	5
K272166		5.90	7.92		33.9	0.26	>10000	<10	20	<0.5	2	0.58	77.8	6	4	131
K272167		2.70	0.114		0.8	0.68	581	<10	270	1.0	<2	2.40	5.2	5	11	16
K272168		2.93	>10.0	17.70	>100	0.30	>10000	<10	20	0.5	8	0.65	326	5	4	581
K272169		2.05	0.017		0.2	0.06	30	<10	20	<0.5	<2	19.6	<0.5	2	1	2
K272170		5.62	0.054		0.4	0.42	166	<10	270	0.8	<2	2.80	1.8	7	5	13
K272171		6.68	0.060		0.7	0.53	221	<10	80	0.8	<2	3.60	0.6	6	4	9
K272172		9.61	0.014		<0.2	0.78	24	<10	550	0.5	<2	2.27	<0.5	7	6	12
K272173		8.68	0.006		0.2	0.57	9	<10	440	<0.5	<2	2.19	0.5	5	5	12
K272174		7.33	0.048		1.2	0.77	35	<10	190	<0.5	<2	2.44	7.8	7	6	11
K272175		6.97	0.729		20.7	0.39	1670	<10	40	0.5	<2	2.04	25.6	11	4	15
K272176		3.10	<0.005		<0.2	0.06	6	<10	20	<0.5	<2	18.1	<0.5	<1	1	1
K272177		6.53	0.045		2.0	0.56	136	<10	160	<0.5	<2	2.04	10.7	7	5	10
K272178		8.60	0.012		0.5	0.81	97	<10	350	0.6	<2	2.58	0.8	6	7	7
K272179		11.26	0.007		<0.2	1.12	6	<10	260	<0.5	<2	1.49	<0.5	8	8	8
K272180		4.22	0.022		0.4	1.16	13	<10	80	<0.5	2	3.53	<0.5	37	2	1
K272181		4.60	0.014		0.4	0.69	9	<10	60	<0.5	<2	2.38	<0.5	9	7	2
K272182		12.94	0.007		0.2	0.63	6	<10	260	<0.5	<2	1.83	<0.5	6	5	4
K272183		12.13	0.016		0.4	1.01	15	<10	50	<0.5	<2	1.90	<0.5	8	5	2
K272184		5.73	0.017		0.2	0.51	16	<10	50	<0.5	<2	2.08	<0.5	8	6	2
K272185		12.34	0.013		<0.2	0.85	6	<10	80	<0.5	<2	1.75	<0.5	8	9	3
K272186		2.20	0.009		<0.2	0.46	14	<10	70	0.7	<2	3.77	<0.5	16	3	2
K272187		11.23	0.010		0.5	0.51	16	<10	170	0.5	<2	1.61	0.5	10	8	5
K272188		0.21	3.22		>100	0.19	>10000	<10	<10	<0.5	<2	0.41	330	2	9	1555
K272189		3.46	0.007		0.2	0.38	6	<10	140	0.5	<2	1.32	1.0	11	5	5
K272190		10.49	<0.005		<0.2	0.85	10	<10	210	<0.5	<2	1.68	<0.5	6	9	6
K272191		6.32	<0.005		<0.2	0.92	9	<10	80	<0.5	<2	0.94	<0.5	5	8	9
K272192		9.04	<0.005		<0.2	1.16	10	<10	190	<0.5	<2	1.13	<0.5	7	10	11

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11138835

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K272157		2.67	<10	<1	0.24	10	0.53	897	3	0.01	7	550	135	2.25	<2	2
K272158		4.58	<10	<1	0.38	10	0.49	1810	7	0.01	2	490	1765	3.60	28	2
K272159		2.73	<10	<1	0.25	10	0.74	2000	7	0.01	1	550	402	1.84	12	4
K272160		2.82	<10	<1	0.35	20	0.73	768	4	0.01	2	530	30	0.88	3	7
K272161		3.95	<10	<1	0.24	10	0.74	2140	2	0.01	1	510	2050	3.19	25	4
K272162		2.61	<10	<1	0.30	20	0.78	735	2	0.01	1	510	25	1.17	5	5
K272163		13.45	<10	<1	0.08	<10	0.17	1430	<1	0.01	11	140	>10000	>10.0	563	1
K272164		3.20	<10	<1	0.26	10	0.63	2020	4	0.01	4	510	664	2.35	10	3
K272165		1.78	<10	<1	0.28	10	0.84	534	<1	0.01	8	600	17	0.05	2	5
K272166		4.70	<10	<1	0.18	<10	0.20	261	25	0.01	4	350	4980	4.22	84	1
K272167		1.99	<10	<1	0.31	10	0.90	591	1	0.01	13	460	171	0.14	5	5
K272168		6.50	<10	1	0.13	10	0.22	419	104	0.01	8	280	>10000	6.01	298	2
K272169		0.39	<10	<1	0.04	<10	11.60	174	<1	0.02	1	310	20	0.02	<2	<1
K272170		2.63	<10	<1	0.23	20	0.91	783	1	0.01	1	580	88	0.76	6	7
K272171		2.94	<10	<1	0.27	20	0.99	773	2	0.01	1	530	71	1.38	3	5
K272172		2.55	<10	<1	0.22	20	0.79	616	2	0.04	1	580	12	0.50	<2	6
K272173		2.49	<10	<1	0.18	20	0.59	646	1	0.03	2	530	21	0.56	<2	6
K272174		2.99	<10	<1	0.28	20	0.77	875	2	0.03	1	540	194	1.45	2	5
K272175		3.77	<10	<1	0.21	10	0.58	872	8	0.02	2	530	2460	2.88	14	4
K272176		0.39	<10	<1	0.03	<10	11.75	182	<1	0.01	<1	260	5	0.07	<2	<1
K272177		2.80	<10	<1	0.20	20	0.66	1275	2	0.02	1	540	501	1.50	7	5
K272178		2.54	<10	<1	0.31	20	0.76	1035	1	0.03	1	570	31	0.77	2	6
K272179		3.00	<10	<1	0.15	20	0.78	416	1	0.07	2	660	9	0.93	<2	5
K272180		5.60	<10	<1	0.29	10	1.54	958	<1	0.03	2	1130	9	3.81	<2	5
K272181		2.96	<10	<1	0.32	20	0.66	527	1	0.05	1	550	14	2.37	<2	3
K272182		2.15	<10	<1	0.12	20	0.59	388	1	0.04	3	560	32	0.90	3	4
K272183		2.72	<10	<1	0.37	20	0.66	404	4	0.08	1	560	20	2.27	4	4
K272184		2.53	<10	<1	0.14	20	0.70	356	2	0.04	2	530	16	2.09	3	4
K272185		2.87	<10	<1	0.19	20	0.67	366	2	0.06	1	550	12	1.80	3	5
K272186		4.37	<10	<1	0.23	<10	1.21	938	2	0.02	3	1000	21	2.60	4	5
K272187		2.47	<10	<1	0.19	10	0.46	604	3	0.02	1	480	59	1.02	5	6
K272188		13.9	<10	1	0.08	<10	0.17	1470	1	0.02	12	130	>10000	>10.0	572	1
K272189		3.18	<10	<1	0.14	10	0.42	510	2	0.01	2	520	11	1.78	<2	5
K272190		2.51	<10	<1	0.16	20	0.53	436	5	0.07	1	550	12	0.50	4	6
K272191		2.22	<10	<1	0.08	10	0.57	372	8	0.05	1	540	10	0.09	2	3
K272192		2.51	10	<1	0.15	20	0.67	455	3	0.10	2	560	12	0.23	3	4

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11138835

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K272157		67	<20	<0.01	<10	<10	7	<10	164	<1		
K272158		79	<20	<0.01	<10	<10	8	<10	2520	8		
K272159		102	<20	<0.01	<10	<10	8	<10	646	1		
K272160		122	<20	<0.01	<10	<10	28	<10	54	<1		
K272161		88	<20	<0.01	<10	<10	8	<10	2970	10		
K272162		137	<20	<0.01	<10	<10	19	<10	58	<1		
K272163		20	<20	<0.01	<10	<10	7	160	>10000	428	3.18	3.57
K272164		93	<20	<0.01	<10	<10	7	<10	1695	3		
K272165		253	<20	<0.01	<10	<10	26	<10	50	<1		
K272166		52	<20	<0.01	<10	10	5	<10	5220	32		
K272167		191	<20	<0.01	<10	<10	27	<10	384	<1		
K272168		46	<20	<0.01	<10	30	7	20	>10000	127	3.39	1.890
K272169		55	<20	<0.01	<10	<10	1	<10	25	<1		
K272170		149	<20	<0.01	<10	<10	25	<10	148	<1		
K272171		166	<20	<0.01	<10	<10	22	<10	64	<1		
K272172		101	<20	0.01	<10	<10	33	<10	35	<1		
K272173		118	<20	<0.01	<10	<10	34	<10	58	<1		
K272174		99	<20	0.01	<10	<10	30	<10	574	<1		
K272175		84	<20	<0.01	<10	<10	18	<10	1620	11		
K272176		53	<20	<0.01	<10	<10	2	<10	19	<1		
K272177		89	<20	0.01	<10	<10	24	<10	873	1		
K272178		136	<20	0.01	<10	<10	27	<10	86	<1		
K272179		103	<20	0.07	<10	<10	56	<10	38	<1		
K272180		124	<20	<0.01	<10	<10	44	<10	86	<1		
K272181		118	<20	<0.01	<10	<10	20	<10	48	<1		
K272182		111	<20	0.01	<10	<10	30	<10	49	<1		
K272183		1155	20	<0.01	<10	<10	26	<10	39	<1		
K272184		1250	<20	<0.01	<10	<10	21	<10	43	<1		
K272185		319	20	<0.01	<10	<10	31	<10	37	<1		
K272186		164	<20	<0.01	<10	<10	30	<10	54	<1		
K272187		124	<20	<0.01	<10	<10	22	<10	66	<1		
K272188		18	<20	<0.01	<10	<10	8	140	>10000	446	3.25	3.63
K272189		115	<20	<0.01	<10	10	20	<10	33	<1		
K272190		82	<20	0.02	<10	<10	38	<10	36	<1		
K272191		45	<20	0.10	<10	<10	46	<10	31	<1		
K272192		60	<20	0.11	<10	<10	50	10	36	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11138836

Project: Klaza- DDH- 19

P.O. No.: Batch 5

This report is for 8 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11138836

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272193		6.16	0.085	2.3	1.46	129	<10	240	<0.5	<2	1.69	7.6	7	6	27	2.98
K272194		13.82	0.009	0.2	1.16	13	<10	210	<0.5	<2	1.42	<0.5	7	8	10	2.50
K272195		5.61	0.007	<0.2	1.22	13	<10	90	<0.5	<2	1.16	<0.5	6	9	10	2.58
K272196		0.13	1.180	32.8	4.92	150	<10	40	<0.5	<2	4.68	32.7	94	57	7110	8.55
K272197		7.96	<0.005	<0.2	1.08	9	<10	150	<0.5	<2	1.37	<0.5	6	9	18	2.54
K272198		9.06	0.010	0.2	0.77	84	<10	370	0.6	<2	2.29	<0.5	7	5	19	2.92
K272199		2.85	<0.005	<0.2	0.04	2	<10	<10	<0.5	<2	18.6	<0.5	1	<1	2	0.39
K272200		13.66	<0.005	<0.2	1.35	6	<10	170	<0.5	<2	1.18	<0.5	6	9	10	2.46

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CERTIFICATE OF ANALYSIS WH11138836

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272193		10	<1	0.21	10	0.79	647	3	0.09	1	820	403	0.50	6	5	77
K272194		<10	<1	0.12	20	0.69	510	<1	0.07	2	610	18	0.31	3	5	69
K272195		10	<1	0.14	20	0.65	436	1	0.09	1	620	16	0.46	3	4	64
K272196		10	1	0.24	<10	1.15	639	49	0.34	310	680	8470	7.09	30	4	76
K272197		<10	<1	0.12	20	0.64	530	1	0.08	1	590	14	0.18	3	5	56
K272198		<10	<1	0.24	20	0.58	1055	1	0.03	1	570	23	0.46	9	8	123
K272199		<10	<1	0.02	<10	11.95	194	<1	0.02	1	270	<2	0.02	5	<1	51
K272200		10	<1	0.17	20	0.60	463	<1	0.11	1	600	12	0.10	3	3	52

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11138836

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272193		<20	0.12	<10	<10	52	<10	728	2
K272194		<20	0.10	<10	<10	50	<10	47	<1
K272195		<20	0.10	<10	<10	51	<10	40	<1
K272196		<20	0.06	<10	<10	317	10	7860	29
K272197		<20	0.08	<10	<10	52	<10	52	<1
K272198		<20	<0.01	<10	<10	35	<10	69	<1
K272199		<20	<0.01	<10	20	1	<10	15	<1
K272200		<20	0.15	<10	<10	55	<10	40	<1

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Finalized Date: 26- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11139399

Project: Klaza- DDH- 23

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 23

CERTIFICATE OF ANALYSIS WH11139399

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272436		3.16	<0.005	0.2	1.02	<2	<10	200	<0.5	<2	1.26	0.9	7	10	7	2.60
K272437		4.74	<0.005	0.2	0.82	20	<10	390	<0.5	2	1.33	4.1	8	7	14	2.50
K272438		6.01	<0.005	<0.2	1.21	5	<10	460	<0.5	2	0.93	1.0	8	9	12	2.56
K272439		6.07	<0.005	<0.2	1.20	<2	<10	460	<0.5	<2	0.93	<0.5	7	11	7	2.48
K272440		1.63	<0.005	0.4	0.87	25	<10	290	0.5	<2	1.80	<0.5	7	6	27	2.59
K272441		3.38	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.0	<0.5	3	1	5	0.36
K272442		6.09	<0.005	<0.2	1.07	3	<10	460	<0.5	<2	1.20	<0.5	7	10	7	2.51
K272443		6.15	<0.005	<0.2	1.14	6	<10	390	<0.5	2	1.35	<0.5	7	9	10	2.59
K272444		6.42	<0.005	<0.2	0.98	<2	<10	590	<0.5	<2	1.06	<0.5	7	9	8	2.30
K272445		1.94	<0.005	0.2	1.04	<2	<10	790	<0.5	2	1.10	<0.5	8	9	8	2.40
K272446		2.30	<0.005	<0.2	1.12	2	<10	290	<0.5	<2	1.53	<0.5	7	8	18	2.42
K272447		6.72	<0.005	<0.2	1.17	3	<10	470	<0.5	2	1.88	<0.5	7	8	7	2.27
K272448		6.61	<0.005	<0.2	1.15	2	<10	560	<0.5	2	1.06	<0.5	8	10	8	2.50
K272449		6.80	<0.005	<0.2	1.06	<2	<10	550	<0.5	2	0.94	<0.5	8	10	8	2.36
K272450		0.15	1.335	30.7	4.56	138	<10	60	<0.5	5	4.38	31.3	84	55	6460	8.08
K272451		2.51	<0.005	<0.2	1.06	3	<10	520	<0.5	<2	1.09	<0.5	6	8	9	2.30
K272452		4.93	<0.005	<0.2	1.19	14	<10	480	<0.5	<2	1.23	<0.5	6	7	8	2.43
K272453		6.42	<0.005	<0.2	1.09	3	<10	400	<0.5	<2	1.00	<0.5	6	9	6	2.32
K272454		2.56	<0.005	<0.2	1.13	<2	<10	310	<0.5	<2	1.11	<0.5	5	8	6	2.33
K272455		1.56	<0.005	0.3	0.99	19	<10	200	<0.5	<2	4.78	<0.5	4	4	15	2.11
K272456		3.31	<0.005	<0.2	0.93	10	<10	550	0.5	<2	1.90	<0.5	6	6	7	2.30
K272457		5.82	<0.005	0.3	1.18	3	<10	370	<0.5	2	1.30	<0.5	6	10	15	2.50
K272458		1.91	<0.005	0.3	1.31	7	<10	500	0.6	<2	2.87	<0.5	8	15	4	3.47
K272459		2.69	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	19.1	<0.5	<1	1	1	0.40
K272460		3.66	<0.005	<0.2	1.24	3	<10	90	<0.5	<2	1.43	<0.5	6	9	3	2.57
K272461		3.21	<0.005	0.2	1.26	3	<10	50	<0.5	<2	1.50	<0.5	5	8	3	2.42
K272462		1.47	<0.005	<0.2	1.17	2	<10	50	<0.5	<2	1.55	<0.5	4	9	2	2.09
K272463		6.68	<0.005	<0.2	1.26	4	<10	260	<0.5	<2	1.15	<0.5	4	11	4	2.36
K272464		6.29	<0.005	<0.2	1.09	3	<10	460	<0.5	<2	0.99	<0.5	5	9	6	2.34
K272465		0.12	1.305	33.1	4.91	149	<10	50	<0.5	11	4.46	31.9	84	56	7070	8.00
K272466		6.54	<0.005	<0.2	1.20	3	<10	360	<0.5	<2	1.33	<0.5	5	10	25	2.38
K272467		6.83	<0.005	<0.2	1.15	4	<10	350	<0.5	<2	0.86	<0.5	5	11	9	2.33
K272468		4.89	<0.005	<0.2	1.10	7	<10	340	<0.5	<2	0.89	<0.5	5	9	6	2.26
K272469		1.76	0.017	1.2	0.94	50	<10	270	<0.5	<2	1.84	3.2	10	8	25	2.94
K272470		6.05	<0.005	<0.2	1.14	2	<10	280	<0.5	<2	0.96	<0.5	5	10	7	2.30
K272471		5.87	<0.005	<0.2	1.21	4	<10	250	<0.5	<2	1.26	<0.5	6	10	5	2.49

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VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 23

CERTIFICATE OF ANALYSIS WH11139399

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272436		<10	<1	0.18	10	0.72	510	3	0.07	4	670	6	0.03	2	5	46
K272437		<10	<1	0.29	20	0.45	934	3	0.06	4	590	14	0.07	5	5	47
K272438		<10	<1	0.30	20	0.66	516	3	0.11	5	580	10	0.02	<2	5	40
K272439		<10	<1	0.31	20	0.65	435	2	0.11	3	590	7	0.01	<2	4	35
K272440		<10	<1	0.23	20	0.65	864	3	0.05	4	650	11	0.16	4	5	59
K272441		<10	1	0.02	<10	12.20	181	3	0.02	4	230	<2	0.02	4	<1	51
K272442		<10	<1	0.29	20	0.63	533	3	0.09	2	580	6	0.03	2	4	47
K272443		<10	1	0.25	20	0.61	579	3	0.08	4	580	7	0.07	3	5	49
K272444		<10	<1	0.26	20	0.54	450	2	0.07	4	570	5	0.02	<2	4	40
K272445		<10	<1	0.28	20	0.55	470	3	0.07	5	560	7	0.03	<2	4	40
K272446		<10	1	0.20	20	0.56	499	3	0.05	4	550	13	0.04	2	3	54
K272447		<10	<1	0.28	20	0.56	533	2	0.08	4	560	6	0.01	2	3	40
K272448		<10	<1	0.33	20	0.64	465	2	0.10	4	610	8	0.02	<2	4	39
K272449		<10	<1	0.33	20	0.61	444	3	0.09	4	570	8	0.02	<2	4	35
K272450		10	<1	0.23	<10	1.09	594	43	0.33	297	630	7790	6.68	28	4	71
K272451		<10	<1	0.28	20	0.57	405	1	0.08	4	580	10	0.01	<2	4	47
K272452		<10	<1	0.26	20	0.61	419	<1	0.05	2	570	7	0.01	<2	4	79
K272453		<10	<1	0.24	20	0.63	394	<1	0.07	2	600	6	0.05	2	4	45
K272454		<10	<1	0.20	20	0.62	392	<1	0.07	2	560	7	0.04	3	3	49
K272455		<10	<1	0.19	20	0.40	963	<1	0.03	2	540	8	0.11	2	3	127
K272456		<10	<1	0.19	20	0.59	485	<1	0.04	2	600	9	0.11	2	7	77
K272457		<10	<1	0.24	20	0.62	530	<1	0.09	2	580	8	0.05	2	5	64
K272458		<10	<1	0.23	20	1.13	758	<1	0.03	5	680	10	0.10	2	8	89
K272459		<10	<1	0.01	<10	11.40	181	<1	0.01	1	240	<2	0.03	<2	<1	49
K272460		<10	<1	0.13	20	0.68	507	<1	0.05	2	580	5	0.02	<2	5	51
K272461		<10	<1	0.13	20	0.75	499	<1	0.05	2	560	5	0.03	<2	2	41
K272462		<10	<1	0.13	20	0.65	460	<1	0.04	1	500	4	0.03	<2	3	48
K272463		<10	<1	0.20	20	0.70	434	2	0.09	2	610	5	0.04	<2	4	39
K272464		<10	<1	0.28	20	0.55	362	3	0.08	1	590	6	0.03	2	4	41
K272465		<10	1	0.23	10	1.10	601	46	0.33	314	670	7980	7.15	27	4	79
K272466		<10	<1	0.25	20	0.63	447	1	0.10	2	580	12	0.04	<2	4	51
K272467		<10	<1	0.23	20	0.59	378	1	0.11	2	610	8	0.02	<2	3	36
K272468		<10	<1	0.21	20	0.59	430	1	0.09	1	590	10	0.03	<2	3	37
K272469		<10	<1	0.23	20	0.60	945	1	0.05	2	590	105	0.78	6	5	57
K272470		<10	<1	0.20	20	0.62	361	1	0.09	1	590	7	0.01	2	3	40
K272471		<10	<1	0.17	20	0.73	458	1	0.06	2	600	5	0.02	2	4	48

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 23

CERTIFICATE OF ANALYSIS WH11139399

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272436		<20	0.08	<10	<10	56	<10	90	<1
K272437		<20	0.04	<10	<10	40	<10	331	<1
K272438		<20	0.13	<10	<10	55	<10	128	<1
K272439		<20	0.14	<10	<10	54	<10	59	<1
K272440		<20	0.05	<10	10	40	<10	48	<1
K272441		<20	<0.01	<10	<10	2	<10	17	<1
K272442		<20	0.11	<10	<10	51	<10	43	<1
K272443		<20	0.09	<10	<10	51	<10	47	<1
K272444		<20	0.11	<10	<10	49	<10	43	<1
K272445		<20	0.12	<10	<10	51	<10	44	<1
K272446		<20	0.08	<10	<10	46	<10	46	<1
K272447		<20	0.15	<10	<10	53	<10	36	<1
K272448		<20	0.16	<10	<10	59	<10	41	<1
K272449		<20	0.15	<10	<10	56	<10	40	<1
K272450		<20	0.05	<10	10	307	<10	7500	30
K272451		<20	0.12	<10	<10	51	<10	38	<1
K272452		<20	0.09	<10	<10	51	<10	37	<1
K272453		<20	0.12	<10	<10	55	<10	33	<1
K272454		<20	0.10	<10	<10	48	<10	35	<1
K272455		<20	0.02	<10	<10	30	<10	36	<1
K272456		<20	0.02	<10	<10	40	<10	39	<1
K272457		<20	0.07	<10	<10	49	<10	44	<1
K272458		<20	0.01	<10	<10	44	<10	75	<1
K272459		<20	<0.01	<10	<10	2	<10	15	<1
K272460		<20	0.03	<10	<10	44	<10	44	<1
K272461		<20	0.03	<10	<10	40	<10	43	<1
K272462		<20	0.02	<10	<10	35	<10	32	<1
K272463		<20	0.10	<10	<10	51	<10	38	<1
K272464		<20	0.13	<10	<10	53	<10	34	<1
K272465		<20	0.05	<10	<10	314	<10	7570	30
K272466		<20	0.13	<10	<10	54	<10	57	<1
K272467		<20	0.16	<10	<10	57	<10	35	<1
K272468		<20	0.15	<10	<10	54	<10	43	<1
K272469		<20	0.06	<10	<10	42	<10	303	<1
K272470		<20	0.14	<10	<10	56	<10	31	<1
K272471		<20	0.10	<10	<10	57	<10	36	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141030

Project: Klaza- DDH- 23

P.O. No.: Batch 2

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- 31	Pulverize split to 85% < 75 um
SPL- 21	Split sample - riffle splitter
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 23

CERTIFICATE OF ANALYSIS WH11141030

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272472		3.26	<0.005	<0.2	1.41	5	<10	390	<0.5	<2	1.28	<0.5	7	10	9	2.85
K272473		2.49	0.059	1.1	1.55	108	<10	270	0.5	2	2.38	3.8	10	6	31	3.74
K272474		7.24	<0.005	<0.2	0.88	4	<10	310	<0.5	<2	0.78	<0.5	5	5	7	1.74
K272475		3.03	<0.005	<0.2	1.20	3	<10	420	<0.5	<2	1.16	<0.5	7	8	9	2.61
K272476		1.98	0.014	0.2	1.36	18	<10	450	0.7	<2	1.85	0.6	7	5	30	2.77
K272477		2.81	0.007	0.4	0.91	19	<10	440	0.5	2	1.98	0.8	10	5	18	2.83
K272478		4.21	0.333	8.4	0.44	537	<10	20	<0.5	6	0.82	4.9	11	3	358	6.05
K272479		2.30	3.99	>100	0.22	>10000	<10	10	<0.5	18	3.21	607	3	2	7000	8.17
K272480		1.33	<0.005	<0.2	0.02	8	<10	<10	<0.5	<2	19.3	0.5	1	1	10	0.47
K272481		1.32	<0.005	0.6	0.60	24	<10	1080	0.7	<2	2.97	<0.5	5	4	20	2.00
K272482		4.65	0.036	2.1	0.45	531	<10	270	0.7	2	3.35	3.6	7	3	21	3.38
K272483		2.88	<0.005	0.6	0.50	26	<10	1800	0.5	<2	3.22	1.1	5	6	15	2.41
K272484		2.18	0.008	0.8	0.72	60	<10	600	0.8	<2	3.01	2.9	7	3	10	2.94
K272485		0.18	1.450	33.9	5.00	153	<10	40	<0.5	<2	4.70	31.4	83	57	7470	8.40
K272486		6.44	<0.005	<0.2	0.80	13	<10	1480	0.5	2	3.12	<0.5	5	7	31	2.32
K272487		1.44	0.328	5.8	0.40	1555	<10	30	0.7	3	2.19	18.8	8	2	97	4.18
K272488		3.17	0.006	0.2	0.92	59	<10	410	0.5	<2	1.69	0.6	6	6	8	2.59
K272489		6.49	<0.005	<0.2	1.09	6	<10	590	<0.5	<2	1.14	<0.5	7	9	8	2.61
K272490		7.02	<0.005	<0.2	1.26	4	<10	400	<0.5	<2	1.09	<0.5	6	11	13	2.51
K272491		6.11	<0.005	<0.2	1.19	3	<10	260	<0.5	<2	1.25	<0.5	8	9	7	2.60

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 23

CERTIFICATE OF ANALYSIS WH11141030

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272472		10	<1	0.27	20	0.76	464	1	0.11	4	630	7	0.03	<2	5	61
K272473		10	<1	0.32	20	0.78	1295	1	0.03	2	600	413	1.13	2	5	75
K272474		<10	<1	0.18	10	0.41	354	<1	0.04	1	380	4	0.01	<2	3	40
K272475		10	<1	0.24	20	0.63	531	1	0.07	2	590	5	0.04	<2	4	56
K272476		10	<1	0.27	30	0.67	629	<1	0.04	1	610	34	0.17	3	6	142
K272477		<10	<1	0.21	20	0.62	1015	1	0.03	2	600	34	0.39	2	6	86
K272478		<10	<1	0.33	<10	0.26	952	2	0.01	1	490	458	6.57	29	2	20
K272479		<10	3	0.12	<10	1.08	2050	16	0.01	<1	150	>10000	>10.0	453	1	70
K272480		<10	<1	0.01	<10	12.10	212	<1	0.01	3	170	10	0.07	<2	<1	51
K272481		<10	1	0.24	10	0.98	904	2	0.01	2	820	26	0.26	3	4	123
K272482		<10	1	0.23	20	1.11	2620	3	0.02	2	540	292	1.02	4	6	104
K272483		<10	<1	0.08	20	1.14	955	1	0.02	1	680	46	0.16	<2	5	111
K272484		<10	1	0.28	20	1.04	1840	1	0.02	2	590	231	0.35	2	7	117
K272485		10	2	0.24	10	1.18	626	47	0.34	329	690	8630	7.51	28	4	80
K272486		<10	1	0.05	20	1.21	723	1	0.02	3	770	30	0.09	<2	5	123
K272487		<10	1	0.22	10	0.61	1310	1	0.01	1	590	973	3.43	17	4	86
K272488		<10	<1	0.30	20	0.65	833	<1	0.07	1	590	46	0.11	<2	6	86
K272489		10	<1	0.30	20	0.66	706	<1	0.09	1	650	20	0.06	<2	5	64
K272490		10	1	0.26	20	0.68	413	<1	0.11	4	590	11	0.02	<2	4	54
K272491		10	<1	0.18	20	0.67	415	1	0.07	3	600	6	0.06	<2	5	65

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Finalized Date: 23- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 23

CERTIFICATE OF ANALYSIS WH11141030

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K272472		20	0.11	<10	<10	60	<10	38	<1		
K272473		<20	0.03	<10	<10	41	<10	440	<1		
K272474		<20	0.07	<10	<10	36	<10	28	<1		
K272475		<20	0.10	<10	<10	53	<10	39	<1		
K272476		20	0.03	<10	<10	41	<10	87	<1		
K272477		20	0.02	<10	<10	39	<10	109	<1		
K272478		<20	<0.01	<10	<10	7	<10	438	8		
K272479		<20	<0.01	<10	10	7	10	>10000	229	1.465	4.09
K272480		<20	<0.01	<10	20	2	<10	54	<1		
K272481		<20	<0.01	<10	<10	16	<10	82	<1		
K272482		<20	<0.01	<10	<10	22	<10	388	1		
K272483		<20	<0.01	<10	<10	24	<10	137	<1		
K272484		<20	<0.01	<10	<10	28	<10	318	<1		
K272485		<20	0.06	<10	<10	322	<10	8060	29		
K272486		<20	<0.01	<10	<10	35	<10	115	<1		
K272487		<20	<0.01	<10	<10	15	<10	1635	4		
K272488		20	0.04	<10	<10	41	<10	85	<1		
K272489		<20	0.12	<10	<10	56	<10	66	<1		
K272490		20	0.15	<10	<10	57	<10	38	<1		
K272491		<20	0.09	<10	<10	53	<10	37	<1		

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Finalized Date: 26- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141031

Project: Klaza- DDH- 21

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- 31	Pulverize split to 85% < 75 um
SPL- 21	Split sample - riffle splitter
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11141031

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271581		8.04	<0.005	0.2	1.07	6	<10	220	0.5	<2	1.25	1.0	6	8	22	2.61
K271582		10.07	<0.005	<0.2	1.01	3	<10	100	<0.5	<2	1.01	<0.5	5	10	9	2.42
K271583		13.60	<0.005	<0.2	1.11	4	<10	140	<0.5	<2	1.20	<0.5	5	11	8	2.52
K271584		8.56	<0.005	<0.2	0.97	5	<10	110	<0.5	<2	1.30	<0.5	4	10	7	2.45
K271585		7.35	0.039	0.5	0.79	371	<10	280	0.5	<2	2.40	2.7	4	7	6	2.71
K271586		0.09	1.360	33.4	4.86	144	<10	50	<0.5	18	4.74	33.4	86	59	7280	8.54
K271587		7.48	0.105	1.5	0.32	685	<10	90	<0.5	<2	2.42	4.3	12	4	30	3.60
K271588		13.68	0.018	1.4	0.57	116	<10	550	0.6	<2	2.80	3.5	12	3	6	2.77
K271589		9.62	0.018	0.4	0.53	375	<10	520	0.7	<2	2.03	0.8	17	5	4	3.64
K271590		8.00	0.005	<0.2	0.79	28	<10	1770	0.7	<2	4.58	<0.5	5	5	2	2.68
K271591		7.81	<0.005	0.2	0.49	22	<10	460	0.6	<2	1.79	<0.5	7	4	2	2.67
K271592		6.29	<0.005	0.5	0.95	58	<10	940	0.8	<2	3.04	1.0	5	5	3	2.95
K271593		3.31	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	21.4	<0.5	<1	1	3	0.40
K271594		12.08	<0.005	<0.2	1.15	10	<10	150	<0.5	<2	1.30	<0.5	4	10	5	2.60
K271595		9.32	<0.005	0.2	0.95	15	<10	130	<0.5	<2	1.30	<0.5	4	10	8	2.43
K271596		7.61	<0.005	<0.2	1.06	10	<10	160	<0.5	<2	1.34	<0.5	4	11	8	2.55
K271597		10.18	<0.005	<0.2	0.86	20	<10	250	<0.5	<2	1.77	<0.5	3	9	5	2.52
K271598		10.20	<0.005	<0.2	0.93	13	<10	190	<0.5	<2	1.35	<0.5	4	9	7	2.50
K271599		12.38	0.024	0.2	0.77	29	<10	210	<0.5	<2	1.61	<0.5	5	8	7	2.48
K271600		11.69	0.106	1.9	0.90	51	<10	380	0.5	<2	2.59	2.7	5	8	10	2.69
K270001		0.12	1.475	33.6	4.93	150	<10	50	<0.5	7	4.79	33.8	90	60	7210	8.60
K270002		7.64	0.047	1.9	0.64	77	<10	100	0.5	<2	1.12	6.2	5	6	47	2.84
K270003		11.55	<0.005	0.2	1.14	4	<10	170	<0.5	<2	1.35	<0.5	5	10	5	2.63
K270004		8.15	<0.005	<0.2	0.99	4	<10	130	<0.5	<2	1.27	<0.5	5	10	8	2.51
K270005		4.43	<0.005	<0.2	1.10	4	<10	200	<0.5	<2	1.41	<0.5	5	10	7	2.65
K270006		12.62	<0.005	<0.2	1.01	4	<10	150	<0.5	<2	1.20	<0.5	6	10	10	2.45
K270007		5.85	<0.005	<0.2	1.25	6	<10	220	<0.5	<2	1.33	<0.5	6	10	15	2.71
K270008		8.30	<0.005	<0.2	1.06	5	<10	200	<0.5	<2	1.20	<0.5	5	9	7	2.57
K270009		10.65	<0.005	<0.2	1.11	25	<10	170	<0.5	<2	1.60	<0.5	4	9	7	2.77
K270010		6.05	<0.005	<0.2	1.03	21	<10	130	<0.5	<2	1.80	<0.5	11	8	17	3.40
K270011		6.91	<0.005	<0.2	1.24	12	<10	290	<0.5	3	1.68	<0.5	12	10	5	3.33
K270012		6.56	0.628	88.8	0.42	572	<10	20	0.6	61	2.40	120.5	33	4	1175	6.22
K270013		2.10	<0.005	0.4	0.03	3	<10	20	<0.5	<2	19.4	0.8	1	<1	5	0.50
K270014		11.22	0.009	<0.2	0.82	19	<10	210	<0.5	<2	1.58	0.5	7	8	7	2.52
K270015		10.46	0.271	9.8	0.56	535	<10	60	0.6	<2	2.18	16.0	8	5	60	3.22
K270016		7.19	0.057	1.9	0.43	101	<10	550	0.8	<2	1.91	3.6	7	4	30	2.94

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Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11141031

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271581		<10	1	0.21	20	0.56	600	1	0.05	1	630	13	<0.01	<2	6	45
K271582		<10	<1	0.10	10	0.64	371	1	0.06	2	620	11	<0.01	<2	3	34
K271583		<10	1	0.15	10	0.68	419	1	0.08	2	610	12	0.02	<2	4	42
K271584		<10	<1	0.11	10	0.63	478	1	0.07	2	610	9	0.01	<2	5	40
K271585		<10	1	0.28	20	0.56	1435	1	0.03	1	580	25	0.52	<2	5	72
K271586		<10	1	0.24	<10	1.13	631	51	0.34	334	680	8460	7.41	32	4	76
K271587		<10	1	0.29	10	0.68	2890	1	<0.01	2	570	90	2.04	5	3	41
K271588		<10	1	0.34	20	0.59	2340	8	0.01	2	560	125	0.58	<2	3	83
K271589		<10	<1	0.19	20	0.46	1045	3	0.01	4	580	19	0.46	2	5	68
K271590		<10	1	0.22	20	0.81	950	2	0.01	2	550	11	0.17	<2	6	192
K271591		<10	<1	0.17	20	0.47	899	2	0.01	1	610	8	0.20	<2	4	62
K271592		<10	<1	0.23	20	0.53	1030	1	0.03	1	590	54	0.20	3	6	100
K271593		<10	<1	0.02	<10	12.60	196	<1	0.01	2	300	2	0.05	<2	<1	58
K271594		<10	<1	0.16	10	0.65	477	1	0.10	2	600	10	<0.01	3	5	54
K271595		<10	<1	0.11	10	0.60	484	1	0.07	2	620	10	<0.01	<2	5	48
K271596		<10	1	0.14	10	0.60	483	1	0.10	1	620	10	<0.01	<2	5	56
K271597		<10	<1	0.12	20	0.60	584	1	0.05	1	600	10	0.03	<2	7	52
K271598		<10	<1	0.15	20	0.55	513	1	0.08	2	580	10	<0.01	<2	6	52
K271599		<10	<1	0.11	20	0.53	548	1	0.05	2	600	19	0.04	2	6	53
K271600		<10	<1	0.15	20	0.54	738	2	0.05	2	580	145	0.22	2	8	64
K270001		10	1	0.24	<10	1.15	640	51	0.35	330	690	8510	7.50	30	4	77
K270002		<10	1	0.16	20	0.42	1175	1	0.02	2	610	425	0.57	4	6	36
K270003		<10	<1	0.16	20	0.70	542	1	0.08	2	590	18	0.03	<2	5	45
K270004		<10	<1	0.11	10	0.63	470	1	0.06	1	640	11	<0.01	<2	4	49
K270005		<10	<1	0.15	10	0.64	526	2	0.08	2	630	12	<0.01	<2	5	56
K270006		<10	<1	0.12	10	0.63	427	1	0.06	2	590	11	<0.01	<2	4	41
K270007		10	<1	0.18	20	0.72	486	2	0.10	4	610	19	<0.01	<2	5	49
K270008		<10	<1	0.13	10	0.68	470	1	0.07	2	610	8	<0.01	2	5	43
K270009		10	1	0.15	20	0.66	553	1	0.09	2	640	10	0.05	2	7	62
K270010		10	1	0.14	20	0.50	460	2	0.05	2	630	11	0.80	3	5	57
K270011		10	<1	0.18	20	0.63	500	1	0.10	1	640	13	0.58	2	6	60
K270012		<10	1	0.18	10	0.68	1615	1	0.01	1	480	2820	6.13	74	5	78
K270013		<10	1	0.01	<10	12.40	218	<1	0.01	2	190	18	0.04	3	<1	52
K270014		<10	<1	0.14	20	0.71	583	1	0.05	2	590	14	0.19	<2	5	55
K270015		<10	<1	0.26	20	0.65	1250	3	0.01	2	550	766	1.57	27	6	60
K270016		<10	1	0.17	20	0.67	1650	2	<0.01	2	630	167	0.47	6	8	56

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11141031

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K271581		<20	0.05	<10	<10	48	<10	97	<1	
K271582		<20	0.11	<10	<10	52	<10	39	<1	
K271583		<20	0.11	<10	<10	55	<10	42	<1	
K271584		<20	0.09	<10	<10	54	<10	35	<1	
K271585		<20	0.01	<10	<10	32	<10	323	<1	
K271586		<20	0.05	<10	<10	325	10	7680	30	
K271587		<20	<0.01	<10	<10	12	<10	324	2	
K271588		<20	<0.01	<10	<10	13	<10	303	2	
K271589		<20	<0.01	<10	<10	28	<10	436	1	
K271590		<20	<0.01	<10	<10	32	<10	51	1	
K271591		<20	<0.01	<10	<10	26	<10	50	1	
K271592		<20	<0.01	<10	<10	33	<10	189	1	
K271593		<20	<0.01	<10	10	2	<10	16	1	
K271594		<20	0.08	<10	<10	51	<10	36	<1	
K271595		<20	0.07	<10	<10	47	<10	40	1	
K271596		<20	0.08	<10	<10	51	<10	36	1	
K271597		<20	0.02	<10	<10	43	<10	41	1	
K271598		<20	0.05	<10	<10	47	<10	37	1	
K271599		<20	0.03	<10	<10	44	<10	52	2	
K271600		<20	0.01	<10	<10	43	<10	215	3	
K270001		<20	0.06	<10	<10	327	10	7680	30	
K270002		<20	0.02	<10	<10	35	<10	761	1	
K270003		<20	0.08	<10	<10	52	<10	47	<1	
K270004		<20	0.09	<10	<10	52	<10	36	1	
K270005		<20	0.10	<10	<10	54	<10	39	<1	
K270006		<20	0.10	<10	<10	52	<10	36	1	
K270007		<20	0.11	<10	<10	55	<10	41	1	
K270008		<20	0.08	<10	<10	52	<10	36	<1	
K270009		<20	0.05	<10	<10	50	<10	40	<1	
K270010		<20	0.02	<10	<10	44	<10	42	2	
K270011		<20	0.05	<10	<10	56	<10	41	1	
K270012		<20	<0.01	<10	<10	24	10	>10000	68	1.220
K270013		<20	<0.01	<10	<10	2	<10	75	1	
K270014		<20	0.03	<10	<10	42	<10	59	<1	
K270015		<20	<0.01	<10	<10	24	<10	1570	9	
K270016		<20	<0.01	<10	<10	32	<10	312	3	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141032

Project: Klaza- DDH- 20

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141032

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K272309		9.02	0.009		0.6	0.48	7	<10	40	<0.5	<2	1.94	0.8	7	5	2
K272310		12.25	0.007		<0.2	0.58	9	<10	40	0.6	2	2.84	<0.5	7	4	2
K272311		11.65	0.008		<0.2	0.94	8	<10	430	0.5	<2	1.95	2.0	7	7	6
K272312		13.39	0.005		<0.2	1.02	7	<10	460	<0.5	<2	1.69	<0.5	6	8	2
K272313		13.36	0.005		<0.2	0.91	5	<10	310	0.5	<2	1.80	<0.5	7	7	4
K272314		0.23	3.24		>100	0.19	>10000	<10	10	<0.5	2	0.44	347	1	10	1655
K272315		10.28	0.013		<0.2	0.60	12	<10	200	<0.5	<2	2.04	<0.5	5	5	2
K272316		10.22	0.010		0.4	0.76	46	<10	100	0.7	<2	2.27	0.6	6	4	3
K272317		10.44	0.456		19.9	0.37	464	<10	30	<0.5	3	1.19	37.7	17	3	33
K272318		3.36	<0.005		<0.2	0.05	10	<10	20	<0.5	<2	20.1	<0.5	1	<1	<1
K272319		7.01	0.006		<0.2	0.54	11	<10	120	0.7	<2	1.83	<0.5	8	3	3
K272320		9.64	<0.005		<0.2	1.08	11	<10	160	0.7	<2	2.10	<0.5	8	5	4
K272321		11.42	<0.005		<0.2	1.10	9	<10	590	0.5	<2	1.82	<0.5	7	7	4
K272322		12.59	<0.005		<0.2	0.88	6	<10	740	<0.5	<2	1.71	<0.5	6	7	4
K272323		4.86	<0.005		<0.2	0.81	6	<10	610	0.7	<2	2.19	<0.5	9	4	4
K272324		4.09	>10.0	11.90	13.0	0.52	>10000	<10	30	0.6	4	1.56	47.4	6	3	142
K272325		0.89	0.010		<0.2	0.02	5	<10	<10	<0.5	<2	19.5	<0.5	1	<1	3
K272326		11.36	0.015		<0.2	0.67	21	<10	1000	0.9	<2	3.01	0.6	5	3	5
K272327		11.66	<0.005		1.0	0.57	9	<10	910	0.9	<2	2.05	<0.5	5	3	4
K272328		9.35	0.030		<0.2	0.57	81	<10	1410	0.8	<2	1.42	2.9	5	4	10
K272329		10.65	0.102		2.7	0.47	224	<10	70	0.6	3	2.03	9.0	9	3	25
K272330		0.21	3.24		>100	0.20	>10000	<10	10	<0.5	2	0.45	347	1	10	1660
K272331		12.40	1.985		15.4	0.63	121	<10	20	0.5	6	1.78	6.5	9	4	318
K272332		5.62	<0.005		<0.2	0.70	18	<10	510	0.9	<2	2.75	<0.5	6	4	7
K272333		6.65	0.010		<0.2	1.17	15	<10	520	0.8	<2	2.49	0.5	7	5	5
K272334		2.79	0.007		<0.2	1.01	13	<10	570	0.7	<2	2.20	<0.5	5	4	3
K272335		7.44	0.075		1.6	0.59	41	<10	170	0.6	6	2.34	6.0	11	3	27
K272336		12.57	0.009		<0.2	0.70	7	<10	330	0.5	4	2.46	<0.5	7	4	6
K272337		14.27	0.006		<0.2	0.85	6	<10	280	<0.5	4	1.71	<0.5	7	6	7
K272338		11.67	<0.005		<0.2	0.78	7	<10	580	0.5	5	1.96	<0.5	7	5	8
K272339		7.68	<0.005		<0.2	0.71	9	<10	1010	0.7	2	2.18	<0.5	6	4	7
K272340		8.64	<0.005		<0.2	0.50	9	<10	240	0.7	5	2.89	<0.5	7	3	5
K272341		9.78	0.015		<0.2	0.49	31	<10	710	0.6	4	2.90	<0.5	7	3	4
K272342		10.99	0.005		<0.2	0.51	9	<10	1000	0.9	4	3.39	<0.5	7	2	4
K272343		5.66	<0.005		<0.2	0.58	17	<10	140	0.7	4	2.01	<0.5	8	3	3
K272344		9.58	<0.005		<0.2	1.00	7	<10	460	<0.5	4	1.45	<0.5	8	7	4

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141032

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K272309		2.99	<10	1	0.33	10	0.69	862	1	<0.01	2	530	49	2.58	2	1
K272310		2.92	<10	<1	0.30	20	0.65	592	1	0.01	1	580	27	2.11	<2	4
K272311		2.72	<10	1	0.22	20	0.71	588	2	0.05	1	580	251	0.63	2	6
K272312		2.67	<10	<1	0.17	20	0.75	550	<1	0.06	2	600	10	0.50	<2	5
K272313		2.75	<10	<1	0.20	30	0.68	573	<1	0.05	3	590	14	0.97	<2	5
K272314		14.8	<10	1	0.08	<10	0.19	1535	<1	0.01	11	150	>10000	>10.0	584	1
K272315		2.63	<10	<1	0.23	20	0.66	645	1	0.04	2	540	11	0.88	<2	5
K272316		2.88	<10	<1	0.27	20	0.69	739	<1	0.01	2	550	63	1.33	<2	5
K272317		4.28	<10	1	0.27	10	0.34	2170	24	<0.01	2	370	5270	4.12	31	2
K272318		0.40	<10	<1	0.03	10	12.55	203	<1	0.01	2	270	38	0.02	2	<1
K272319		2.59	<10	1	0.20	10	0.60	779	2	<0.01	2	550	27	1.15	2	6
K272320		2.92	<10	1	0.18	30	0.65	564	1	0.01	1	610	16	0.68	<2	7
K272321		2.91	<10	<1	0.16	20	0.77	602	<1	0.04	2	620	39	0.40	2	6
K272322		2.65	<10	<1	0.17	20	0.70	547	<1	0.05	2	600	8	0.23	2	6
K272323		2.50	<10	<1	0.18	30	0.61	579	<1	0.01	1	600	9	0.49	3	6
K272324		4.30	<10	1	0.26	10	0.45	1285	4	0.01	1	480	1140	3.08	70	4
K272325		0.45	<10	<1	0.01	<10	12.10	195	<1	0.02	2	180	2	0.06	2	<1
K272326		2.04	<10	1	0.28	20	0.77	583	1	<0.01	3	880	20	0.03	3	3
K272327		1.92	<10	<1	0.28	10	0.73	556	<1	<0.01	3	880	20	0.06	2	3
K272328		2.29	<10	<1	0.26	10	0.58	700	2	<0.01	4	850	62	0.16	5	4
K272329		3.27	<10	1	0.30	20	0.60	1325	4	0.01	2	540	504	2.10	10	4
K272330		14.9	<10	1	0.08	<10	0.19	1540	<1	0.01	10	150	>10000	>10.0	573	1
K272331		4.05	<10	<1	0.29	10	0.59	641	1	0.02	1	550	3750	3.34	18	3
K272332		2.13	<10	1	0.25	20	0.75	499	1	0.01	3	830	37	0.51	3	5
K272333		3.32	<10	1	0.25	20	0.89	554	3	0.04	1	630	24	0.59	2	7
K272334		3.07	<10	<1	0.20	20	0.81	515	1	0.03	1	590	16	0.48	2	7
K272335		3.13	<10	<1	0.32	20	0.67	809	3	0.01	10	560	286	1.99	5	4
K272336		2.69	<10	<1	0.24	20	0.77	637	1	0.03	2	590	16	0.76	2	5
K272337		2.68	<10	<1	0.23	20	0.73	479	4	0.06	2	570	13	0.82	<2	5
K272338		2.48	<10	<1	0.19	20	0.71	485	1	0.05	2	600	12	0.48	<2	6
K272339		2.47	<10	<1	0.24	20	0.67	580	<1	0.03	1	580	9	0.32	2	7
K272340		2.17	<10	<1	0.25	10	0.94	614	1	0.01	3	430	13	0.20	2	3
K272341		2.21	<10	<1	0.24	10	0.87	684	1	0.01	3	420	15	0.35	<2	3
K272342		2.15	<10	<1	0.29	10	0.99	596	1	0.01	3	670	62	0.14	3	3
K272343		2.38	<10	<1	0.26	20	0.63	737	1	0.01	1	530	14	0.46	<2	6
K272344		2.63	<10	<1	0.16	20	0.67	503	1	0.08	1	590	11	0.42	2	6

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VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141032

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K272309		58	<20	<0.01	<10	<10	6	<10	71	1		
K272310		165	20	<0.01	<10	<10	15	<10	51	1		
K272311		239	20	<0.01	<10	<10	33	<10	237	1		
K272312		584	20	0.01	<10	<10	39	<10	39	<1		
K272313		1390	20	<0.01	<10	<10	33	<10	36	1		
K272314		29	<20	<0.01	<10	<10	8	150	>10000	416	3.13	3.44
K272315		755	20	<0.01	<10	<10	28	<10	41	1		
K272316		132	<20	<0.01	<10	<10	22	<10	60	1		
K272317		37	<20	<0.01	<10	<10	5	<10	2880	17		
K272318		59	<20	<0.01	<10	<10	2	<10	34	1		
K272319		83	<20	<0.01	<10	<10	23	<10	42	1		
K272320		93	20	<0.01	<10	<10	31	<10	43	1		
K272321		103	<20	0.01	<10	<10	43	<10	54	1		
K272322		113	20	0.02	<10	<10	41	<10	38	<1		
K272323		101	20	<0.01	<10	<10	27	<10	37	1		
K272324		71	<20	<0.01	<10	<10	14	<10	3340	12		
K272325		49	<20	<0.01	<10	20	2	<10	19	1		
K272326		251	<20	<0.01	<10	<10	19	<10	112	1		
K272327		199	<20	<0.01	<10	<10	17	<10	102	1		
K272328		134	<20	<0.01	<10	<10	16	<10	257	1		
K272329		90	<20	<0.01	<10	<10	10	<10	632	3		
K272330		22	<20	<0.01	<10	<10	8	150	>10000	417	3.13	3.47
K272331		113	<20	<0.01	<10	<10	17	<10	607	16		
K272332		205	<20	<0.01	<10	<10	19	<10	47	<1		
K272333		170	<20	<0.01	<10	<10	36	<10	52	1		
K272334		148	<20	<0.01	<10	<10	33	<10	46	1		
K272335		122	<20	<0.01	<10	<10	18	<10	431	2		
K272336		165	<20	<0.01	<10	<10	29	<10	48	1		
K272337		205	<20	<0.01	<10	<10	34	<10	40	1		
K272338		169	<20	0.01	<10	<10	33	<10	42	1		
K272339		180	20	<0.01	<10	<10	30	<10	39	1		
K272340		205	<20	<0.01	<10	<10	26	<10	45	1		
K272341		196	<20	<0.01	<10	<10	23	<10	44	1		
K272342		290	<20	<0.01	<10	<10	28	<10	64	1		
K272343		161	<20	<0.01	<10	<10	27	<10	54	1		
K272344		106	<20	0.02	<10	<10	42	<10	36	1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141975

Project: Klaza- DDH- 21

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11141975

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270017		5.01	0.006	0.4	0.93	19	<10	210	0.5	<2	1.84	<0.5	5	6	6	2.54
K270018		10.89	0.006	0.5	1.14	26	<10	190	0.6	<2	1.02	<0.5	5	7	11	2.49
K270019		4.18	0.005	0.4	1.06	9	<10	200	0.6	<2	1.64	1.3	5	7	11	2.89
K270020		11.53	<0.005	<0.2	1.20	9	<10	160	<0.5	2	1.58	<0.5	5	10	6	2.71
K270021		6.64	<0.005	0.2	1.05	7	<10	140	<0.5	2	1.14	<0.5	5	10	8	2.47
K270022		8.68	0.186	2.8	1.04	124	<10	680	0.6	<2	2.12	3.3	6	9	14	2.75
K270023		0.14	1.445	36.6	4.86	152	<10	40	<0.5	11	4.40	33.7	89	58	7130	8.21
K270024		2.27	<0.005	0.4	0.67	6	<10	2860	1.0	<2	4.01	0.6	5	7	34	2.35
K270025		11.19	0.094	1.4	0.85	50	<10	880	0.6	<2	2.28	1.7	6	7	17	2.71
K270026		5.22	0.084	1.4	0.51	58	<10	90	0.6	<2	1.10	1.9	12	5	10	1.88
K270027		8.95	<0.005	<0.2	1.33	10	<10	220	0.6	<2	1.74	0.5	7	8	6	2.83
K270028		7.03	0.062	3.2	0.53	171	<10	540	0.9	<2	2.41	1.7	7	4	18	2.89
K270029		10.52	<0.005	0.2	1.06	10	<10	410	0.7	<2	1.55	<0.5	6	7	4	2.79
K270030		5.45	<0.005	0.2	0.69	61	<10	550	0.6	2	1.60	<0.5	6	5	5	2.63
K270031		10.76	<0.005	<0.2	1.01	8	<10	560	0.5	<2	1.70	<0.5	6	8	5	2.80
K270032		8.68	<0.005	0.2	0.68	7	<10	470	0.7	<2	1.72	<0.5	6	7	6	2.69
K270033		5.74	0.038	0.6	0.66	43	<10	680	0.8	<2	2.01	1.7	6	5	8	2.69
K270034		8.79	0.011	0.3	0.79	28	<10	480	<0.5	<2	1.67	0.5	5	8	3	2.63
K270035		3.51	0.008	0.2	0.81	21	<10	290	0.5	<2	1.78	<0.5	7	7	2	3.04
K270036		10.19	0.010	<0.2	0.88	13	<10	230	<0.5	<2	1.60	<0.5	6	9	2	2.78
K270037		6.02	<0.005	0.2	0.95	15	<10	310	<0.5	<2	1.50	<0.5	5	8	4	2.68
K270038		5.87	<0.005	<0.2	0.57	9	<10	800	0.6	2	1.77	<0.5	6	6	6	2.78
K270039		0.12	1.510	32.5	5.15	152	<10	50	<0.5	6	4.66	33.5	86	59	7380	8.51
K270040		9.95	<0.005	<0.2	1.15	7	<10	330	<0.5	<2	1.54	<0.5	7	10	49	2.70
K270041		5.53	<0.005	<0.2	0.97	8	<10	420	<0.5	2	1.61	<0.5	7	8	7	2.66
K270042		6.43	<0.005	0.3	0.84	47	<10	510	0.7	<2	2.15	0.6	6	6	9	2.86
K270043		8.04	7.24	>100	0.31	4520	<10	20	0.6	53	1.75	118.5	5	4	1030	4.90
K270044		2.78	<0.005	0.4	0.04	36	<10	20	<0.5	<2	19.6	<0.5	1	<1	8	0.39
K270045		4.28	<0.005	0.2	0.46	7	<10	2020	0.7	<2	1.38	<0.5	5	5	3	2.22
K270046		12.51	0.007	0.4	0.61	6	<10	1020	0.7	3	1.27	<0.5	5	5	7	2.17
K270047		10.57	0.038	0.8	0.45	104	<10	730	0.8	<2	2.01	1.1	6	4	16	2.69
K270048		7.85	0.098	0.7	0.70	78	<10	510	0.8	3	1.96	1.4	5	5	19	2.84
K270049		2.37	2.08	82.0	0.33	1195	<10	20	0.7	19	1.35	45.5	14	4	832	5.14
K270050		2.87	<0.005	<0.2	0.03	6	<10	10	<0.5	<2	20.3	<0.5	1	<1	2	0.41
K270051		9.37	0.005	0.5	0.49	30	<10	570	0.7	<2	2.23	<0.5	5	5	17	2.54
K270052		5.20	0.036	1.9	0.68	57	<10	470	0.8	<2	2.84	3.6	6	5	12	2.41

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Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11141975

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270017		<10	1	0.11	20	0.66	608	1	0.04	2	590	9	0.06	3	7	70
K270018		<10	<1	0.19	30	0.60	807	1	0.02	2	660	18	0.14	4	7	36
K270019		<10	<1	0.18	20	0.65	1335	1	0.03	2	630	77	0.17	2	6	49
K270020		<10	<1	0.16	20	0.71	658	1	0.08	1	620	11	0.04	<2	5	56
K270021		<10	<1	0.12	20	0.67	442	1	0.07	2	600	7	0.02	<2	5	42
K270022		<10	<1	0.20	20	0.64	752	1	0.06	2	610	178	0.20	<2	7	81
K270023		10	1	0.23	10	1.13	620	43	0.33	315	670	8390	7.15	32	4	77
K270024		<10	1	0.25	20	0.96	720	1	0.02	3	1040	89	0.15	2	4	239
K270025		<10	<1	0.22	20	0.67	1060	2	0.03	6	650	93	0.20	<2	7	85
K270026		<10	<1	0.14	30	0.32	784	2	0.01	2	680	83	0.16	2	7	38
K270027		10	<1	0.19	20	0.66	638	1	0.03	<1	630	12	0.06	<2	7	78
K270028		<10	<1	0.22	20	0.70	1535	1	0.01	<1	580	83	0.71	7	8	97
K270029		<10	<1	0.19	30	0.56	768	1	0.01	<1	690	10	0.08	<2	9	67
K270030		<10	<1	0.16	20	0.54	843	1	0.01	<1	660	11	0.13	2	9	66
K270031		<10	<1	0.26	20	0.65	585	1	0.08	<1	610	7	0.04	2	8	96
K270032		<10	<1	0.18	20	0.54	628	2	0.03	<1	610	11	0.05	2	8	102
K270033		<10	<1	0.22	20	0.58	734	1	0.01	<1	550	90	0.45	4	8	107
K270034		<10	<1	0.17	20	0.65	579	2	0.05	<1	600	26	0.15	<2	6	84
K270035		<10	<1	0.18	30	0.59	668	1	0.04	<1	620	21	0.17	<2	7	75
K270036		<10	<1	0.16	20	0.70	572	1	0.06	<1	640	10	0.10	<2	7	77
K270037		<10	<1	0.20	20	0.68	551	1	0.08	<1	620	9	0.05	<2	6	75
K270038		<10	<1	0.15	30	0.49	702	1	0.02	<1	680	8	0.05	2	9	84
K270039		10	<1	0.25	<10	1.15	645	46	0.33	317	710	8410	7.38	28	4	77
K270040		10	<1	0.23	20	0.63	485	1	0.09	<1	620	17	0.02	<2	6	85
K270041		<10	<1	0.22	20	0.67	515	1	0.07	<1	640	9	0.03	<2	7	78
K270042		<10	<1	0.26	20	0.66	829	1	0.03	<1	630	25	0.10	3	8	114
K270043		<10	1	0.23	10	0.46	1965	17	<0.01	<1	490	7780	5.16	291	3	64
K270044		<10	<1	0.02	<10	12.15	187	<1	0.01	<1	280	17	0.07	2	<1	63
K270045		<10	<1	0.20	10	0.68	614	1	0.02	<1	810	19	0.09	4	4	131
K270046		<10	<1	0.26	10	0.65	547	<1	0.01	<1	900	23	0.06	3	4	115
K270047		<10	<1	0.24	20	0.68	1370	1	0.02	<1	630	81	0.51	4	6	118
K270048		<10	<1	0.28	20	0.67	2120	1	0.01	<1	610	53	0.54	2	6	98
K270049		<10	1	0.22	10	0.39	1395	19	0.01	<1	440	4800	5.05	203	3	57
K270050		<10	<1	0.02	<10	12.20	198	<1	0.01	<1	300	8	0.08	2	<1	52
K270051		<10	<1	0.16	20	0.54	923	<1	0.01	<1	630	16	0.18	5	8	105
K270052		<10	<1	0.22	20	0.65	857	1	0.01	<1	590	136	0.36	4	7	176

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VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11141975

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270017		<20	0.01	<10	<10	39	<10	40	1
K270018		<20	<0.01	<10	<10	36	<10	63	1
K270019		<20	<0.01	<10	<10	37	<10	112	1
K270020		<20	0.06	<10	<10	49	<10	46	1
K270021		<20	0.07	<10	<10	50	<10	36	1
K270022		<20	0.02	<10	<10	40	<10	245	2
K270023		<20	0.05	<10	<10	317	10	7640	30
K270024		<20	0.04	<10	<10	31	<10	94	<1
K270025		<20	0.01	<10	<10	34	<10	153	1
K270026		<20	<0.01	<10	<10	28	<10	164	1
K270027		<20	0.01	<10	<10	41	<10	76	<1
K270028		<20	<0.01	<10	<10	28	<10	175	4
K270029		<20	0.01	<10	<10	40	<10	39	<1
K270030		<20	0.01	<10	<10	36	<10	40	<1
K270031		<20	0.04	<10	<10	44	<10	37	<1
K270032		<20	0.02	<10	<10	37	<10	45	1
K270033		<20	<0.01	<10	<10	30	<10	141	1
K270034		<20	0.04	<10	<10	41	<10	59	1
K270035		20	0.01	<10	<10	41	<10	69	<1
K270036		<20	0.03	<10	<10	47	<10	40	<1
K270037		<20	0.06	<10	<10	46	<10	37	<1
K270038		<20	0.01	<10	<10	41	<10	44	<1
K270039		<20	0.06	<10	<10	323	10	7490	32
K270040		<20	0.06	<10	<10	52	<10	84	<1
K270041		<20	0.06	<10	<10	48	<10	37	<1
K270042		<20	0.01	<10	<10	37	<10	67	<1
K270043		<20	<0.01	<10	<10	6	10	9660	176
K270044		<20	<0.01	<10	20	1	<10	102	1
K270045		<20	<0.01	<10	<10	22	<10	101	<1
K270046		<20	<0.01	<10	<10	22	<10	112	<1
K270047		<20	<0.01	<10	<10	18	<10	118	1
K270048		<20	<0.01	<10	<10	23	<10	134	<1
K270049		<20	<0.01	<10	10	9	<10	3860	76
K270050		<20	<0.01	<10	10	1	<10	31	1
K270051		<20	<0.01	<10	<10	31	<10	62	<1
K270052		<20	<0.01	<10	<10	25	<10	295	2

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141976

Project: Klaza- DDH- 25

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11141976

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271885		3.80	<0.005	<0.2	0.80	4	<10	330	0.6	2	2.66	<0.5	5	5	<1	2.36
K271886		3.82	<0.005	0.2	0.76	3	<10	480	<0.5	<2	2.60	<0.5	5	6	<1	2.34
K271887		5.17	<0.005	<0.2	1.16	4	<10	350	<0.5	<2	1.54	<0.5	5	9	<1	2.61
K271888		5.51	<0.005	0.3	0.95	5	<10	320	<0.5	<2	1.35	0.8	3	9	<1	2.53
K271889		7.77	0.005	7.5	0.80	11	<10	720	0.6	2	1.59	4.2	6	6	3	2.43
K271890		11.68	0.016	0.9	0.41	32	<10	290	0.7	2	2.40	2.2	7	4	<1	3.03
K271891		6.07	<0.005	<0.2	0.74	7	<10	700	0.6	<2	2.44	<0.5	5	5	1	2.50
K271892		6.22	0.005	<0.2	0.83	6	<10	120	0.5	<2	1.63	<0.5	5	6	1	2.46
K271893		3.89	0.128	11.1	0.59	1785	<10	330	0.8	<2	1.92	18.4	6	4	41	2.73
K271894		6.51	<0.005	<0.2	0.78	12	<10	200	<0.5	<2	1.46	0.5	5	6	<1	2.31
K271895		3.09	0.006	<0.2	0.91	6	<10	290	<0.5	<2	1.51	<0.5	5	6	<1	2.36
K271896		6.61	0.007	0.2	0.39	31	<10	720	0.6	2	1.41	0.5	6	4	<1	2.37
K271897		9.83	<0.005	0.2	0.98	11	<10	640	0.5	2	2.27	0.5	6	6	<1	2.48
K271898		9.87	<0.005	<0.2	0.96	7	<10	160	<0.5	<2	1.29	<0.5	7	9	6	2.45
K271899		6.80	0.007	<0.2	1.03	6	<10	350	<0.5	<2	1.87	<0.5	6	9	2	2.53
K271900		4.86	0.012	0.7	0.43	96	<10	170	<0.5	2	4.10	<0.5	7	4	1	2.16
K271901		1.47	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	20.8	<0.5	1	<1	<1	0.49
K271902		8.99	<0.005	<0.2	0.78	5	<10	250	<0.5	<2	2.13	<0.5	5	6	2	2.30
K271903		11.69	0.015	1.1	0.88	14	<10	130	0.5	<2	1.55	26.7	6	7	19	2.65
K271904		0.18	1.465	33.0	5.08	152	<10	50	<0.5	<2	4.62	33.1	87	58	7300	8.46
K271905		12.24	<0.005	0.3	1.03	12	<10	540	<0.5	2	2.00	<0.5	7	8	32	2.59
K271906		8.34	<0.005	<0.2	1.46	16	<10	270	0.7	<2	2.35	<0.5	6	6	4	2.58
K271907		5.96	<0.005	0.2	0.63	7	<10	190	0.5	<2	1.06	<0.5	5	5	<1	2.56
K271908		12.17	0.006	0.6	0.62	10	<10	600	0.5	2	0.62	2.4	9	5	5	2.53
K271909		11.48	0.095	3.2	0.35	387	<10	150	0.5	3	2.03	11.3	7	3	19	3.05
K271910		10.91	0.007	0.4	0.60	32	<10	650	0.7	2	2.39	0.9	5	5	<1	2.48
K271911		0.26	3.31	>100	0.18	>10000	<10	10	<0.5	<2	0.42	340	3	9	1620	14.05
K271912		10.44	0.006	<0.2	0.37	12	<10	550	0.6	<2	2.15	<0.5	7	8	4	2.29
K271913		9.09	4.96	>100	0.47	9730	<10	30	0.6	14	1.62	188.0	5	3	740	4.36
K271914		6.22	0.185	2.6	0.35	226	<10	250	0.7	<2	3.68	9.9	5	2	19	2.57
K271915		6.89	6.96	81.1	0.44	>10000	<10	30	0.5	5	2.31	74.9	4	3	381	5.39
K271916		2.46	0.008	<0.2	0.07	127	<10	30	<0.5	<2	18.8	<0.5	1	2	1	0.40
K271917		3.94	0.078	1.4	0.60	85	<10	400	0.8	2	2.86	4.6	12	4	30	3.27
K271918		9.51	0.155	4.8	0.51	281	<10	160	0.7	2	2.09	16.2	6	5	42	3.02
K271919		3.90	0.397	7.0	0.60	221	<10	140	0.9	4	2.44	29.9	7	4	91	2.85
K271920		8.53	0.013	0.4	0.40	58	<10	500	0.8	2	2.31	<0.5	5	2	3	2.10

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11141976

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271885		<10	<1	0.12	20	0.56	547	1	0.02	<1	570	7	0.02	2	8	73
K271886		<10	<1	0.09	10	0.40	551	2	0.03	<1	610	8	0.03	<2	7	71
K271887		10	<1	0.16	20	0.67	495	1	0.08	<1	600	9	0.09	<2	6	57
K271888		<10	<1	0.14	20	0.59	613	1	0.05	<1	590	96	0.04	<2	5	51
K271889		<10	<1	0.21	30	0.28	774	1	0.02	<1	640	100	0.29	4	7	39
K271890		<10	<1	0.23	20	0.46	1295	1	0.01	<1	580	122	0.81	<2	6	43
K271891		<10	<1	0.20	20	0.39	667	1	0.03	<1	600	7	0.27	<2	6	71
K271892		<10	<1	0.13	20	0.40	566	1	0.02	<1	620	6	0.05	<2	7	43
K271893		<10	<1	0.23	20	0.41	1090	2	0.01	1	520	1540	0.63	17	6	53
K271894		<10	<1	0.12	20	0.48	600	1	0.04	<1	590	18	0.03	<2	6	46
K271895		<10	<1	0.15	20	0.48	569	1	0.05	<1	580	19	0.03	2	6	50
K271896		<10	<1	0.18	20	0.36	1035	<1	0.01	<1	520	23	0.22	2	5	35
K271897		<10	<1	0.21	20	0.56	822	<1	0.03	<1	570	20	0.16	<2	5	64
K271898		<10	<1	0.11	10	0.71	452	1	0.05	<1	600	8	0.08	<2	6	51
K271899		<10	<1	0.17	20	0.63	530	1	0.07	<1	600	9	0.11	<2	7	65
K271900		<10	<1	0.18	20	0.77	1560	<1	0.02	<1	620	89	0.86	<2	5	102
K271901		<10	<1	0.02	<10	12.75	229	<1	0.01	<1	250	<2	0.07	<2	<1	49
K271902		<10	<1	0.11	20	0.72	610	1	0.04	<1	550	7	0.06	<2	6	66
K271903		<10	<1	0.17	20	0.49	899	1	0.03	<1	590	357	0.35	4	6	45
K271904		10	<1	0.25	<10	1.14	638	45	0.33	316	700	8370	7.28	28	4	76
K271905		10	<1	0.14	20	0.67	538	1	0.04	<1	610	14	0.14	<2	6	61
K271906		<10	<1	0.16	30	0.76	642	<1	0.02	<1	630	9	0.19	<2	6	66
K271907		<10	<1	0.10	30	0.30	731	<1	<0.01	<1	620	10	0.07	4	8	28
K271908		<10	<1	0.18	20	0.25	950	<1	0.01	<1	600	271	0.39	3	7	18
K271909		<10	<1	0.22	10	0.64	1650	1	0.01	<1	570	414	1.54	7	5	37
K271910		<10	<1	0.25	20	0.80	849	<1	0.01	<1	560	41	0.41	3	6	76
K271911		<10	<1	0.08	<10	0.17	1510	<1	<0.01	7	140	>10000	>10.0	602	1	20
K271912		<10	<1	0.18	20	0.69	769	1	0.02	9	520	11	0.48	2	7	63
K271913		<10	3	0.28	10	0.50	1285	5	0.01	<1	430	>10000	4.18	299	3	37
K271914		<10	<1	0.20	10	1.31	1490	7	0.02	2	390	470	0.77	11	5	74
K271915		<10	<1	0.31	10	0.82	2010	1	0.01	<1	430	8570	3.80	132	3	56
K271916		<10	<1	0.05	<10	12.10	189	<1	0.01	<1	220	23	0.08	<2	<1	51
K271917		<10	<1	0.28	20	0.68	1415	1	0.01	<1	590	235	0.76	5	7	93
K271918		<10	<1	0.21	20	0.60	897	<1	0.01	<1	570	867	1.45	8	5	65
K271919		<10	<1	0.31	20	0.80	815	1	0.01	<1	580	1250	1.29	12	5	84
K271920		<10	<1	0.24	10	0.72	840	2	0.01	<1	460	26	0.26	3	3	75

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Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11141976

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271885		<20	<0.01	<10	<10	39	<10	42	<1		
K271886		<20	0.04	<10	<10	48	<10	36	1		
K271887		<20	0.06	<10	<10	53	<10	38	<1		
K271888		<20	0.04	<10	<10	48	<10	82	<1		
K271889		20	<0.01	<10	<10	31	<10	347	6		
K271890		<20	<0.01	<10	<10	22	<10	223	1		
K271891		<20	<0.01	<10	<10	32	<10	40	<1		
K271892		<20	0.01	<10	<10	37	<10	62	1		
K271893		<20	<0.01	<10	<10	24	<10	1375	9		
K271894		<20	0.01	<10	<10	38	<10	69	<1		
K271895		<20	0.01	<10	<10	39	<10	70	<1		
K271896		<20	<0.01	<10	<10	25	<10	79	<1		
K271897		<20	<0.01	<10	<10	34	<10	76	<1		
K271898		<20	0.04	<10	<10	45	<10	36	1		
K271899		<20	0.02	<10	<10	46	<10	36	<1		
K271900		<20	<0.01	<10	<10	23	<10	45	1		
K271901		<20	<0.01	<10	20	1	<10	19	1		
K271902		<20	0.02	<10	<10	39	<10	38	1		
K271903		<20	0.01	<10	<10	40	<10	2470	<1		
K271904		<20	0.05	<10	<10	323	10	7420	25		
K271905		<20	0.01	<10	<10	45	<10	104	<1		
K271906		<20	<0.01	<10	<10	33	<10	44	<1		
K271907		<20	<0.01	<10	<10	35	<10	60	<1		
K271908		<20	<0.01	<10	<10	28	<10	294	1		
K271909		<20	<0.01	<10	<10	16	<10	1040	3		
K271910		<20	<0.01	<10	<10	28	<10	153	1		
K271911		<20	<0.01	<10	<10	7	140	>10000	431	3.24	3.63
K271912		<20	<0.01	<10	<10	26	<10	95	1		
K271913		<20	<0.01	<10	<10	12	10	>10000	119	2.58	1.125
K271914		<20	<0.01	<10	<10	16	<10	727	3		
K271915		<20	<0.01	<10	<10	10	<10	4830	76		
K271916		<20	<0.01	<10	10	2	<10	66	1		
K271917		<20	<0.01	<10	<10	25	<10	346	2		
K271918		<20	<0.01	<10	<10	20	<10	1135	5		
K271919		<20	<0.01	<10	<10	22	<10	2010	5		
K271920		<20	<0.01	<10	<10	22	<10	79	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141977

Project: Klaza- DDH- 20

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11141977

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272345		13.68	0.005	<0.2	0.81	9	<10	420	0.5	<2	2.22	<0.5	7	8	9	2.48
K272346		12.84	<0.005	<0.2	1.13	6	<10	400	<0.5	<2	1.61	0.5	6	9	3	2.70
K272347		12.56	<0.005	<0.2	1.02	<2	<10	250	<0.5	<2	1.27	<0.5	6	11	3	2.45
K272348		7.17	0.028	0.4	0.58	62	<10	200	0.7	2	1.96	1.9	8	4	6	2.50
K272349		12.84	1.540	7.0	0.40	7890	<10	20	0.6	2	1.99	32.2	21	3	32	6.16
K272350		2.77	<0.005	<0.2	0.06	53	<10	10	<0.5	<2	20.2	<0.5	1	<1	1	0.41
K272351		12.49	0.221	7.2	0.39	300	<10	60	0.6	2	1.86	81.1	10	3	41	3.37
K272352		13.49	0.046	2.0	0.67	16	<10	300	0.5	2	2.28	17.1	7	6	16	2.74
K272353		6.75	<0.005	<0.2	0.96	4	<10	320	<0.5	2	1.81	<0.5	5	8	2	2.66
K272354		8.31	<0.005	<0.2	1.06	<2	<10	190	<0.5	<2	1.62	<0.5	8	9	3	2.66
K272355		11.99	0.006	<0.2	1.08	3	<10	150	<0.5	<2	1.81	<0.5	7	8	4	2.56
K272356		5.44	<0.005	<0.2	1.22	2	<10	110	0.5	<2	1.33	<0.5	7	7	7	2.63
K272357		4.64	0.031	5.7	0.92	45	<10	350	0.7	<2	1.82	0.9	7	4	4	2.53
K272358		0.24	3.29	>100	0.18	>10000	<10	10	<0.5	4	0.40	316	1	8	1535	13.10
K272359		7.51	<0.005	0.4	1.36	7	<10	150	0.5	<2	2.76	<0.5	9	7	36	2.65
K272360		7.80	<0.005	<0.2	1.33	34	<10	90	0.6	<2	2.05	0.8	7	7	7	3.00
K272361		12.75	0.050	1.1	0.54	250	<10	220	0.6	<2	2.43	7.7	6	4	15	2.41
K272362		10.90	0.020	0.8	0.40	31	<10	140	<0.5	<2	2.21	4.5	10	6	7	2.46
K272363		8.61	0.009	0.4	0.40	35	<10	90	<0.5	<2	2.82	1.7	17	3	2	2.68
K272364		0.22	3.28	>100	0.18	>10000	<10	10	<0.5	2	0.42	324	2	9	1610	13.9
K272365		4.10	7.39	40.1	0.32	>10000	<10	20	<0.5	12	1.17	139.0	9	3	630	5.37
K272366		10.98	0.017	0.3	0.57	126	<10	1120	0.7	<2	1.93	1.0	5	13	17	1.83
K272367		9.83	3.37	16.5	0.38	>10000	<10	20	<0.5	4	0.75	55.2	9	4	197	6.02
K272368		2.95	<0.005	<0.2	0.04	30	<10	10	<0.5	<2	19.7	<0.5	1	<1	3	0.39
K272369		6.33	0.016	0.2	0.50	28	<10	420	0.8	<2	2.68	0.6	5	6	6	2.09
K272370		7.14	<0.005	<0.2	0.53	12	<10	1230	1.1	<2	2.45	<0.5	4	4	8	1.67
K272371		4.90	2.45	30.8	0.34	1950	<10	20	<0.5	15	0.61	111.5	6	4	512	5.99
K272372		6.65	0.048	1.0	0.83	107	<10	200	<0.5	2	1.69	2.8	6	7	10	3.07
K272373		7.57	0.006	<0.2	1.25	<2	<10	220	<0.5	<2	1.51	<0.5	5	10	4	2.58
K272374		2.93	<0.005	<0.2	1.19	<2	<10	200	<0.5	<2	1.34	<0.5	5	9	6	2.50
K272375		6.33	0.134	1.1	1.79	246	<10	70	0.5	3	3.62	2.3	13	2	5	4.82
K272376		11.51	0.109	6.5	0.79	384	<10	220	<0.5	3	1.78	6.4	7	7	11	3.14
K272377		11.23	<0.005	<0.2	1.15	5	<10	260	<0.5	<2	1.41	<0.5	6	9	8	2.51
K272378		10.13	0.715	6.3	0.58	124	<10	130	<0.5	8	2.11	6.7	11	4	24	3.26
K272379		5.51	0.020	0.8	0.39	46	<10	120	<0.5	<2	2.17	2.2	10	4	8	2.58
K272380		4.45	0.453	43.0	0.31	1490	<10	20	<0.5	15	0.70	297	11	3	359	7.84

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272345		<10	1	0.18	20	0.63	540	1	0.05	9	530	14	0.67	2	6	130
K272346		10	<1	0.15	20	0.72	513	1	0.08	2	570	52	0.52	<2	6	99
K272347		10	1	0.14	20	0.65	410	1	0.09	1	540	10	0.25	2	5	77
K272348		<10	1	0.23	20	0.58	793	1	0.03	2	530	90	0.70	3	7	139
K272349		<10	1	0.26	10	0.57	1105	9	0.03	1	440	832	6.13	31	4	108
K272350		<10	1	0.02	<10	12.10	185	<1	0.03	<1	290	2	0.05	2	<1	58
K272351		<10	<1	0.29	10	0.55	2410	3	0.03	1	460	1770	2.19	11	4	92
K272352		<10	<1	0.25	20	0.73	895	2	0.05	2	550	494	0.90	3	5	122
K272353		<10	1	0.18	20	0.73	466	2	0.08	1	580	17	0.80	<2	6	102
K272354		10	<1	0.13	20	0.74	448	1	0.08	2	600	11	0.81	<2	6	77
K272355		10	1	0.11	20	0.76	467	1	0.06	2	550	18	0.70	<2	5	127
K272356		10	1	0.13	20	0.72	413	<1	0.05	2	600	12	0.31	2	6	129
K272357		<10	<1	0.21	20	0.68	753	1	0.03	1	570	80	0.66	3	7	137
K272358		<10	1	0.07	<10	0.17	1420	1	0.03	10	140	>10000	>10.0	565	1	21
K272359		10	5	0.15	30	0.74	467	1	0.01	4	570	12	0.24	6	7	180
K272360		10	1	0.14	20	0.79	445	1	0.04	2	600	27	0.55	<2	7	161
K272361		<10	1	0.25	20	0.60	837	2	0.03	1	570	219	1.25	4	6	119
K272362		<10	<1	0.26	10	0.66	850	2	0.03	2	570	306	1.94	3	4	73
K272363		<10	<1	0.27	10	0.77	1355	5	0.03	2	550	72	1.92	3	5	84
K272364		<10	2	0.07	<10	0.17	1470	1	0.02	11	140	>10000	>10.0	583	1	22
K272365		<10	1	0.24	<10	0.34	1535	18	0.03	2	380	8260	5.72	113	2	64
K272366		<10	<1	0.12	10	0.78	551	2	0.03	17	50	45	0.25	7	4	137
K272367		<10	<1	0.27	<10	0.20	676	6	0.03	1	360	2900	6.29	68	1	40
K272368		<10	<1	0.02	<10	11.85	176	<1	0.03	1	260	7	0.04	<2	<1	53
K272369		<10	<1	0.25	10	0.81	732	1	0.03	6	620	55	0.57	4	4	226
K272370		<10	1	0.22	20	0.75	497	1	0.03	8	630	12	0.12	3	4	343
K272371		<10	1	0.28	<10	0.20	803	12	0.02	2	490	6020	7.01	68	2	43
K272372		<10	<1	0.25	20	0.66	872	1	0.06	1	560	217	1.19	2	5	90
K272373		10	<1	0.17	20	0.77	422	1	0.10	1	680	13	0.42	<2	5	84
K272374		10	<1	0.17	20	0.72	404	<1	0.10	2	590	7	0.30	<2	5	76
K272375		10	<1	0.31	10	1.40	1385	<1	0.11	1	1290	136	3.65	<2	7	152
K272376		<10	<1	0.23	20	0.66	837	1	0.07	2	580	2370	1.55	8	5	104
K272377		10	1	0.16	20	0.71	455	<1	0.11	3	570	14	0.40	<2	5	92
K272378		<10	1	0.30	10	0.59	1005	<1	0.04	1	540	860	2.66	10	3	76
K272379		<10	1	0.28	10	0.64	1095	<1	0.03	<1	530	161	2.09	3	3	59
K272380		<10	1	0.26	<10	0.18	759	3	0.02	2	360	8860	>10.0	84	2	24

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141977

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K272345		<20	0.01	<10	<10	34	<10	42	<1		
K272346		<20	0.01	<10	<10	48	<10	63	1		
K272347		<20	0.04	<10	<10	47	<10	36	<1		
K272348		<20	<0.01	<10	<10	26	<10	159	<1		
K272349		<20	<0.01	<10	<10	12	<10	2110	7		
K272350		<20	<0.01	<10	<10	2	<10	29	<1		
K272351		<20	<0.01	<10	<10	9	<10	4880	6		
K272352		<20	<0.01	<10	<10	26	<10	1150	1		
K272353		<20	0.01	<10	<10	40	<10	55	<1		
K272354		<20	0.01	<10	<10	44	<10	41	<1		
K272355		<20	0.01	<10	<10	43	<10	41	1		
K272356		<20	0.01	<10	<10	42	<10	41	<1		
K272357		<20	<0.01	<10	<10	31	<10	93	2		
K272358		<20	<0.01	<10	<10	7	140	>10000	415	3.12	3.61
K272359		20	0.01	<10	<10	43	<10	40	<1		
K272360		<20	0.01	<10	<10	42	<10	74	<1		
K272361		<20	<0.01	<10	<10	20	<10	565	<1		
K272362		<20	<0.01	<10	<10	8	<10	331	<1		
K272363		<20	<0.01	<10	<10	13	<10	159	1		
K272364		<20	<0.01	<10	<10	7	140	>10000	431	3.11	3.60
K272365		<20	<0.01	<10	10	5	<10	9780	42		
K272366		<20	<0.01	<10	<10	26	<10	142	<1		
K272367		<20	<0.01	<10	<10	6	<10	3510	16		
K272368		<20	<0.01	<10	<10	1	<10	24	<1		
K272369		<20	<0.01	<10	<10	20	<10	76	<1		
K272370		<20	<0.01	<10	<10	17	<10	45	<1		
K272371		<20	<0.01	<10	<10	6	<10	7210	27		
K272372		<20	0.01	<10	<10	34	<10	260	1		
K272373		<20	0.07	<10	<10	49	<10	46	<1		
K272374		<20	0.07	<10	<10	49	<10	35	<1		
K272375		<20	0.01	<10	<10	69	<10	226	1		
K272376		<20	0.01	<10	<10	31	<10	510	7		
K272377		<20	0.06	<10	<10	44	<10	41	<1		
K272378		<20	<0.01	<10	<10	13	<10	512	5		
K272379		<20	<0.01	<10	<10	6	<10	180	<1		
K272380		<20	<0.01	<10	10	5	10	>10000	44		2.11

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11141978

Project: Klaza- DDH- 20

P.O. No.: Batch 6

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141978

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272381		8.46	0.006	0.5	0.49	21	<10	180	0.6	4	2.62	0.7	11	2	17	2.44
K272382		13.54	<0.005	0.5	0.72	12	<10	270	<0.5	4	2.02	1.0	7	6	17	2.43
K272383		12.64	0.005	<0.2	0.68	5	<10	540	0.5	3	1.56	<0.5	6	5	11	2.33
K272384		11.85	0.610	0.9	0.83	73	<10	230	0.5	4	1.91	3.3	5	5	42	2.89
K272385		12.08	<0.005	<0.2	1.20	6	<10	210	<0.5	3	1.42	<0.5	9	9	10	2.54
K272386		0.14	1.550	34.7	4.90	150	<10	50	<0.5	<2	4.55	32.5	82	56	7250	8.11
K272387		12.73	<0.005	<0.2	1.15	4	<10	160	<0.5	3	1.26	<0.5	5	9	19	2.64
K272388		5.53	0.006	0.3	0.73	18	<10	140	<0.5	5	2.31	0.6	23	7	3	2.63
K272389		11.93	0.045	0.7	0.47	65	<10	40	<0.5	4	2.39	2.1	90	2	3	7.34
K272390		2.97	<0.005	<0.2	0.04	<2	<10	40	<0.5	<2	19.4	<0.5	1	<1	1	0.38
K272391		12.22	0.006	<0.2	0.60	4	<10	100	<0.5	4	2.78	<0.5	10	6	2	2.28
K272392		9.46	<0.005	<0.2	0.72	<2	<10	130	<0.5	4	2.09	<0.5	8	6	2	2.66
K272393		12.47	<0.005	<0.2	1.09	6	<10	300	<0.5	2	0.90	<0.5	6	11	16	2.36
K272394		12.92	<0.005	<0.2	1.19	6	<10	250	<0.5	3	0.91	<0.5	6	10	14	2.47
K272395		6.19	<0.005	<0.2	1.27	5	<10	270	<0.5	2	0.95	<0.5	6	9	18	2.55
K272396		12.32	<0.005	<0.2	1.11	5	<10	300	<0.5	2	0.98	<0.5	6	8	5	2.37
K272397		13.90	<0.005	<0.2	0.99	5	<10	270	<0.5	4	1.50	<0.5	6	8	3	2.47
K272398		12.43	<0.005	<0.2	1.03	6	<10	180	<0.5	4	1.28	<0.5	5	8	4	2.45
K272399		12.68	<0.005	<0.2	1.15	7	<10	240	<0.5	2	0.94	<0.5	7	9	4	2.36
K272400		13.30	0.007	0.2	0.88	10	<10	320	<0.5	3	1.86	1.4	6	8	5	2.40

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141978

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272381		<10	<1	0.27	20	0.66	851	<1	0.01	1	690	43	1.59	5	5	102
K272382		<10	<1	0.18	20	0.59	572	<1	0.04	1	600	63	0.75	<2	6	97
K272383		<10	<1	0.16	20	0.52	519	<1	0.02	2	540	13	0.47	3	7	112
K272384		<10	<1	0.26	20	0.60	698	<1	0.03	1	570	112	1.09	3	5	94
K272385		10	<1	0.20	20	0.67	437	<1	0.08	1	590	13	0.46	<2	5	71
K272386		10	<1	0.23	10	1.13	616	45	0.33	314	700	8480	7.51	26	4	77
K272387		10	<1	0.15	20	0.72	448	<1	0.07	2	610	26	0.40	<2	5	71
K272388		<10	<1	0.31	20	0.40	811	<1	0.02	2	570	23	1.89	<2	4	92
K272389		<10	<1	0.33	<10	0.24	1030	34	<0.01	<1	590	102	9.09	<2	2	58
K272390		<10	<1	0.02	<10	11.80	181	<1	<0.01	<1	290	2	0.03	2	<1	51
K272391		<10	<1	0.26	20	0.42	784	<1	0.01	1	510	23	1.68	<2	3	132
K272392		<10	<1	0.20	20	0.63	599	<1	0.02	1	540	10	1.46	<2	4	76
K272393		10	1	0.18	10	0.61	369	<1	0.07	<1	530	9	0.23	<2	4	64
K272394		10	<1	0.15	10	0.68	366	<1	0.07	<1	570	11	0.29	<2	4	59
K272395		10	<1	0.17	10	0.69	388	<1	0.09	1	580	12	0.30	<2	4	63
K272396		10	<1	0.13	10	0.62	319	<1	0.07	1	540	11	0.58	<2	4	71
K272397		10	<1	0.19	20	0.57	409	<1	0.05	1	530	15	0.90	<2	4	92
K272398		10	<1	0.15	20	0.60	412	<1	0.05	1	520	16	0.74	<2	3	59
K272399		10	<1	0.15	20	0.60	384	1	0.08	1	530	12	0.20	<2	4	56
K272400		10	<1	0.19	20	0.54	555	1	0.05	2	520	36	0.42	<2	5	85

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Finalized Date: 30- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 20

CERTIFICATE OF ANALYSIS WH11141978

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272381		<20	<0.01	<10	<10	13	<10	80	<1
K272382		<20	0.01	<10	<10	30	<10	136	<1
K272383		<20	0.01	<10	<10	35	<10	40	<1
K272384		<20	0.01	<10	<10	31	<10	332	<1
K272385		<20	0.10	<10	<10	52	<10	36	<1
K272386		<20	0.06	<10	10	315	<10	8020	30
K272387		20	0.10	<10	<10	56	<10	68	<1
K272388		<20	<0.01	<10	<10	22	<10	62	<1
K272389		<20	<0.01	<10	<10	7	<10	174	<1
K272390		<20	<0.01	<10	<10	2	<10	14	<1
K272391		20	<0.01	<10	<10	17	<10	57	<1
K272392		20	0.01	<10	<10	27	<10	30	<1
K272393		20	0.13	<10	<10	50	<10	35	<1
K272394		20	0.14	<10	<10	56	<10	34	<1
K272395		20	0.15	<10	<10	57	<10	35	<1
K272396		20	0.11	<10	<10	49	<10	32	<1
K272397		20	0.06	<10	<10	41	<10	36	<1
K272398		20	0.06	<10	<10	42	<10	42	<1
K272399		20	0.13	<10	<10	52	<10	36	<1
K272400		20	0.03	<10	<10	38	<10	170	<1

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Finalized Date: 6- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11143174

Project: Klaza- RDH- 15

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza- RDH- 15

CERTIFICATE OF ANALYSIS WH11143174

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K271601		<1
K271602		1
K271603		<1
K271604		2
K271605		<1
K271606		<1
K271607		<1
K271608		2
K271609		44
K271610		<1
K271611		1
K271612		<1
K271613		<1
K271614		1
K271615		<1
K271616		<1
K271617		<1
K271618		<1
K271619		<1
K271620		15
K271621		2
K271622		1
K271623		<1
K271624		30
K271625		<1
K271626		<1
K271627		1
K271628		31
K271629		<1
K271630		1
K271631		4
K271632		2
K271633		1
K271634		1
K271635		<1
K271636		<1

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Finalized Date: 6- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11143175

Project: Klaza- DDH- 12

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11143175

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K271073		18
K271074		<1
K271075		4
K271076		10
K271077		2
K271078		<1
K271079		<1
K271080		4
K271081		<1
K271082		435
K271083		1
K271084		1
K271085		<1
K271086		1
K271087		2
K271088		1
K271089		3
K271090		<1
K271091		<1
K271092		1
K271093		<1
K271094		<1
K271095		2
K271096		10
K271097		<1
K271098		109
K271099		1
K271100		23
K271101		3
K271102		1
K271103		32
K271104		1
K271105		9
K271106		1
K271107		2
K271108		<1

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Finalized Date: 17- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11143333

Project: Klaza- DDH- 12

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11143333

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K271109		0.031
K271110		<0.005
K271111		0.307
K271112		0.264
K271113		<0.005
K271114		0.185
K271115		0.468
K271116		0.286
K271117		6.54
K271118		0.007
K271119		0.020
K271120		2.66
K271121		<0.005
K271122		0.041
K271123		0.112
K271124		0.012
K271125		0.079
K271126		0.054
K271127		0.033
K271128		<0.005
K271129		0.081
K271130		<0.005
K271131		<0.005
K271132		1.525
K271133		<0.005
K271134		<0.005
K271135		0.019
K271136		0.007
K271137		0.007
K271138		1.470
K271139		0.021
K271140		3.70
K271141		0.093
K271142		0.005
K271143		<0.005
K271144		<0.005

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Finalized Date: 31- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11143578

Project: Klaza- DDH- 25

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11143578

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271921		12.56	<0.005	<0.2	0.84	11	<10	190	0.5	<2	1.70	<0.5	6	7	12	2.58
K271922		4.56	0.015	<0.2	0.59	71	<10	370	0.9	<2	2.57	<0.5	6	3	7	2.34
K271923		15.50	<0.005	<0.2	0.86	15	<10	150	0.6	<2	1.76	<0.5	5	6	9	2.52
K271924		5.67	0.118	1.6	0.78	50	<10	730	0.7	<2	2.10	5.8	7	5	21	2.73
K271925		8.25	0.009	0.4	0.92	17	<10	270	<0.5	<2	1.58	<0.5	7	8	10	2.66
K271926		5.16	0.008	0.2	1.05	17	<10	270	<0.5	<2	1.58	<0.5	8	9	11	2.75
K271927		3.50	<0.005	0.2	0.73	28	<10	1150	0.8	<2	2.69	<0.5	7	5	8	2.39
K271928		12.08	0.171	2.0	0.90	178	<10	290	0.5	<2	1.24	1.3	9	6	6	2.92
K271929		10.51	0.130	6.9	0.78	440	<10	290	0.5	<2	1.83	11.4	9	6	43	2.82
K271930		10.43	0.471	9.5	0.65	1750	<10	160	0.7	<2	1.60	28.7	7	5	45	3.40
K271931		2.96	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	18.5	<0.5	2	1	6	0.39
K271932		9.95	0.029	2.7	0.52	90	<10	700	0.7	<2	1.82	4.3	6	6	25	2.20
K271933		7.73	<0.005	<0.2	0.63	9	<10	850	0.7	<2	2.32	<0.5	6	4	2	1.94
K271934		0.14	1.455	32.7	4.97	151	<10	50	<0.5	12	4.66	32.5	87	58	7080	8.53
K271935		6.34	<0.005	0.3	0.64	6	<10	1280	0.8	<2	2.15	0.6	6	4	32	2.20
K271936		3.74	7.48	>100	0.37	5650	<10	10	<0.5	158	1.05	>1000	4	1	3970	9.90
K271937		2.42	0.006	0.8	0.04	11	<10	20	<0.5	<2	17.8	1.6	1	<1	11	0.39
K271938		12.14	0.192	3.3	0.50	125	<10	50	0.6	<2	1.92	26.4	9	4	29	3.37
K271939		10.53	0.136	1.8	0.56	493	<10	70	0.6	<2	2.38	4.2	8	4	36	2.78
K271940		7.73	0.020	0.5	0.75	28	<10	280	0.5	<2	2.06	<0.5	9	6	61	2.81
K271941		10.34	0.020	0.4	0.70	23	<10	90	0.6	<2	2.06	<0.5	7	7	32	2.94
K271942		8.18	0.029	0.5	0.68	79	<10	360	0.6	<2	2.34	<0.5	9	7	15	2.84
K271943		10.04	0.013	0.2	0.92	45	<10	450	0.9	<2	2.18	0.7	8	5	13	2.64
K271944		9.26	0.019	0.3	0.98	35	<10	440	0.6	<2	1.62	0.9	7	7	17	2.74
K271945		3.67	2.49	41.8	0.42	1615	<10	10	<0.5	29	1.74	40.8	7	4	1200	6.11
K271946		7.38	<0.005	<0.2	0.62	17	<10	1120	0.9	<2	2.02	0.7	7	5	16	2.55
K271947		2.62	0.455	5.6	0.59	296	<10	200	0.8	<2	1.53	13.2	9	3	67	2.18
K271948		2.30	<0.005	<0.2	0.75	12	<10	1470	1.1	<2	2.42	<0.5	8	7	9	2.68
K271949		6.42	0.486	24.5	0.48	916	<10	10	<0.5	6	1.45	39.0	6	4	466	5.37
K271950		10.59	0.112	2.1	0.60	204	<10	50	0.5	<2	2.08	17.4	6	5	15	2.62
K271951		12.25	0.079	1.4	0.46	246	<10	100	0.7	<2	2.46	2.3	8	6	12	2.92
K271952		5.59	1.390	14.3	0.48	3330	<10	10	<0.5	5	1.20	51.5	8	4	262	7.18
K271953		6.78	0.023	0.6	0.61	69	<10	230	0.6	<2	2.69	<0.5	7	7	7	2.72
K271954		7.28	0.017	0.3	0.60	24	<10	310	0.6	<2	1.91	<0.5	8	6	7	2.63
K271955		0.21	3.32	>100	0.18	>10000	<10	<10	<0.5	2	0.42	325	3	9	1565	13.90
K271956		4.84	0.006	0.2	0.83	13	<10	280	<0.5	<2	1.60	<0.5	5	7	6	2.54

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Finalized Date: 31- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11143578

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271921		<10	<1	0.20	20	0.71	649	2	0.05	2	550	15	0.19	<2	6	63
K271922		<10	<1	0.30	10	0.86	871	3	0.01	3	500	27	0.31	3	4	79
K271923		<10	<1	0.22	20	0.68	688	12	0.04	2	560	22	0.09	<2	6	69
K271924		<10	<1	0.25	20	0.63	925	4	0.01	1	530	176	0.41	6	7	71
K271925		<10	<1	0.18	20	0.72	765	3	0.10	2	600	95	0.12	<2	7	73
K271926		<10	<1	0.19	20	0.76	738	4	0.12	2	630	13	0.17	<2	7	74
K271927		<10	<1	0.26	10	0.83	617	2	0.03	3	890	31	0.25	2	4	128
K271928		<10	<1	0.23	20	0.59	820	1	0.03	1	590	143	0.97	2	6	40
K271929		<10	<1	0.19	20	0.64	790	3	0.06	1	570	1610	0.82	10	7	65
K271930		<10	<1	0.33	20	0.57	1060	2	0.04	1	540	2150	1.58	15	5	68
K271931		<10	<1	0.04	<10	12.20	184	<1	0.04	3	290	6	0.08	<2	<1	54
K271932		<10	<1	0.24	10	0.65	696	3	0.03	3	700	582	0.49	7	4	165
K271933		<10	<1	0.30	10	0.82	472	<1	0.04	3	720	23	0.06	<2	4	263
K271934		<10	1	0.25	<10	1.19	636	49	0.36	307	680	8350	7.39	29	4	80
K271935		<10	<1	0.29	10	0.78	592	1	0.03	3	800	38	0.10	2	4	144
K271936		<10	6	0.27	<10	0.34	1730	11	0.04	<1	220	>10000	>10.0	533	1	28
K271937		<10	<1	0.02	<10	11.40	189	<1	0.01	2	200	52	0.04	<2	<1	51
K271938		<10	<1	0.31	10	0.56	2370	2	0.04	1	530	636	2.75	8	5	39
K271939		<10	<1	0.33	20	0.66	1950	3	0.04	2	530	129	1.72	16	5	56
K271940		<10	1	0.21	20	0.67	613	2	0.08	2	570	17	1.19	6	6	82
K271941		<10	<1	0.28	20	0.62	810	3	0.05	2	510	18	1.57	8	6	64
K271942		<10	<1	0.24	20	0.72	1035	2	0.05	1	650	39	0.99	4	6	75
K271943		<10	<1	0.32	20	0.67	751	2	0.04	1	560	53	0.64	4	7	82
K271944		<10	<1	0.21	20	0.64	651	2	0.06	1	580	64	0.64	3	6	61
K271945		<10	1	0.32	<10	0.60	1745	26	0.04	1	330	3400	6.75	151	1	34
K271946		<10	<1	0.26	10	0.95	751	<1	0.04	4	740	46	0.18	3	4	250
K271947		<10	<1	0.32	20	0.50	1160	4	0.04	3	560	917	1.25	18	5	82
K271948		<10	<1	0.20	10	1.03	774	<1	0.04	5	1020	7	0.13	2	5	258
K271949		<10	1	0.38	<10	0.41	2220	16	0.04	1	410	2930	5.83	136	2	25
K271950		<10	1	0.37	20	0.64	2070	3	0.03	1	480	431	2.00	7	4	52
K271951		<10	<1	0.28	10	0.71	1775	4	0.03	1	540	171	1.98	6	4	77
K271952		<10	1	0.35	<10	0.36	2040	7	0.04	<1	430	1020	7.86	84	3	22
K271953		<10	1	0.30	20	0.71	1190	4	0.04	1	540	35	1.39	3	6	89
K271954		<10	<1	0.24	20	0.53	788	4	0.04	1	520	22	0.99	4	7	80
K271955		<10	<1	0.09	<10	0.18	1470	<1	0.04	9	140	>10000	>10.0	563	1	19
K271956		<10	<1	0.15	20	0.62	526	2	0.05	1	590	12	0.44	<2	6	86

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Finalized Date: 31- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11143578

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K271921		<20	0.01	<10	<10	43	<10	50	<1		
K271922		<20	<0.01	<10	<10	30	<10	70	1		
K271923		<20	0.01	<10	<10	38	<10	56	<1		
K271924		<20	<0.01	<10	<10	31	<10	388	1		
K271925		<20	0.01	<10	<10	43	<10	52	<1		
K271926		<20	0.02	<10	<10	48	<10	44	<1		
K271927		<20	0.01	<10	<10	24	<10	68	1		
K271928		<20	<0.01	<10	<10	28	<10	130	3		
K271929		<20	<0.01	<10	<10	33	<10	1010	7		
K271930		<20	<0.01	<10	<10	18	<10	2080	9		
K271931		<20	<0.01	<10	10	1	<10	16	1		
K271932		<20	<0.01	<10	<10	20	<10	472	3		
K271933		<20	<0.01	<10	<10	24	<10	86	1		
K271934		<20	0.06	<10	<10	319	<10	7390	32		
K271935		<20	<0.01	<10	<10	23	<10	140	1		
K271936		<20	<0.01	<10	<10	5	20	>10000	445	7.06	10.80
K271937		<20	<0.01	<10	<10	1	<10	128	2		
K271938		<20	<0.01	<10	<10	11	<10	1715	4		
K271939		<20	<0.01	<10	<10	12	<10	346	2		
K271940		<20	<0.01	<10	<10	29	<10	55	1		
K271941		<20	<0.01	<10	<10	21	<10	58	1		
K271942		<20	<0.01	<10	<10	31	<10	68	1		
K271943		<20	<0.01	<10	<10	29	<10	103	1		
K271944		<20	0.01	<10	<10	35	<10	114	1		
K271945		<20	<0.01	<10	<10	7	<10	3560	39		
K271946		<20	<0.01	<10	<10	27	<10	130	1		
K271947		<20	<0.01	<10	<10	12	<10	964	6		
K271948		<20	<0.01	<10	<10	35	<10	76	1		
K271949		<20	<0.01	<10	<10	8	<10	2630	22		
K271950		<20	<0.01	<10	<10	9	<10	1200	3		
K271951		<20	<0.01	<10	<10	12	<10	214	1		
K271952		<20	<0.01	<10	<10	8	<10	3560	14		
K271953		<20	<0.01	<10	<10	17	<10	74	1		
K271954		<20	<0.01	<10	<10	26	<10	48	1		
K271955		<20	<0.01	<10	<10	8	150	>10000	421	3.17	3.66
K271956		<20	0.02	<10	<10	39	<10	41	2		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11145064

Project: Klaza- DDH- 21

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11145064

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270053		10.73	<0.005	<0.2	0.87	12	<10	340	<0.5	<2	1.58	<0.5	5	7	10	2.52
K270054		11.71	0.006	0.2	0.65	13	<10	510	<0.5	<2	2.22	<0.5	7	5	4	2.63
K270055		9.78	0.051	0.2	0.77	19	<10	500	0.7	<2	2.33	<0.5	8	4	6	2.60
K270056		0.10	1.450	31.4	4.87	151	<10	70	<0.5	11	4.11	30.8	83	53	7020	8.07
K270057		10.77	<0.005	<0.2	0.78	11	<10	490	1.0	<2	2.86	<0.5	5	8	23	1.88
K270058		11.71	<0.005	<0.2	0.63	14	<10	1200	1.0	<2	2.58	<0.5	4	8	5	1.81
K270059		8.81	0.022	0.7	0.68	20	<10	540	1.1	<2	2.68	<0.5	5	9	10	1.94
K270060		7.42	3.60	54.5	0.40	>10000	<10	40	<0.5	5	0.86	39.9	18	3	78	5.24
K270061		7.57	0.057	1.8	0.65	293	<10	440	0.6	<2	1.43	5.7	5	4	9	2.62
K270062		5.31	4.38	10.5	0.45	>10000	<10	50	0.6	<2	1.78	20.0	6	2	35	4.39
K270063		1.32	0.008	<0.2	0.06	33	<10	20	<0.5	<2	20.5	<0.5	<1	1	<1	0.44
K270064		5.56	0.015	0.3	0.63	48	<10	810	0.7	<2	1.96	0.5	9	4	6	2.68
K270065		9.09	<0.005	<0.2	1.22	4	<10	290	0.6	<2	1.93	<0.5	5	5	9	2.69
K270066		6.74	0.183	6.2	0.90	1240	<10	400	0.6	2	2.18	21.5	8	4	19	2.85
K270067		7.54	0.007	4.6	1.07	73	<10	530	0.7	<2	1.59	6.5	6	5	29	2.67
K270068		9.38	<0.005	<0.2	1.06	11	<10	290	<0.5	<2	1.35	<0.5	6	6	8	2.59
K270069		7.69	<0.005	0.3	0.69	16	<10	620	0.6	<2	2.07	0.9	7	4	5	2.61
K270070		0.10	1.480	32.4	4.94	140	<10	70	<0.5	12	4.12	30.7	83	53	7180	8.08
K270071		7.91	0.404	34.8	0.57	2730	<10	70	0.8	2	3.36	154.0	5	2	105	4.57
K270072		3.61	0.049	0.6	0.55	541	<10	310	0.5	<2	1.36	4.5	7	4	13	2.69
K270073		11.71	<0.005	<0.2	1.15	9	<10	210	<0.5	<2	1.20	<0.5	6	8	12	2.50
K270074		8.05	0.185	8.5	0.62	608	<10	280	0.6	<2	2.03	6.2	7	4	34	2.86
K270075		11.90	<0.005	0.4	1.06	15	<10	350	<0.5	<2	1.36	3.8	6	7	19	2.62
K270076		5.90	0.184	6.4	0.84	1430	<10	350	0.5	<2	1.72	17.8	7	5	37	2.77
K270077		8.65	0.496	17.5	0.53	3150	<10	100	0.6	<2	1.83	78.2	6	4	140	3.82
K270078		2.01	<0.005	<0.2	0.16	25	<10	40	<0.5	<2	17.6	<0.5	1	<1	<1	0.40
K270079		8.26	<0.005	<0.2	1.10	8	<10	240	0.5	<2	1.84	<0.5	5	6	9	2.64
K270080		10.69	<0.005	<0.2	1.12	<2	<10	130	<0.5	<2	1.17	<0.5	5	8	8	2.40
K270081		8.26	<0.005	0.2	1.00	7	<10	150	0.6	<2	2.08	<0.5	6	4	5	2.83
K270082		8.72	<0.005	<0.2	0.79	6	<10	290	0.5	<2	1.80	<0.5	5	6	4	2.47
K270083		11.60	<0.005	<0.2	0.93	6	<10	200	<0.5	<2	1.35	<0.5	6	7	16	2.45
K270084		4.95	<0.005	<0.2	0.97	5	<10	250	<0.5	<2	1.33	<0.5	6	6	15	2.52
K270085		7.95	<0.005	<0.2	1.15	2	<10	240	<0.5	<2	1.20	<0.5	6	8	9	2.47
K270086		10.50	<0.005	<0.2	1.31	6	<10	190	<0.5	<2	1.10	<0.5	4	8	9	2.38
K270087		6.63	0.028	0.7	0.69	9	<10	260	0.5	2	1.47	1.6	11	5	16	2.87
K270088		6.42	0.061	3.0	0.55	37	<10	140	<0.5	3	2.55	12.5	22	6	46	3.65

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11145064

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270053		<10	<1	0.14	20	0.66	521	1	0.06	6	580	9	0.06	<2	7	116
K270054		<10	<1	0.20	20	0.64	644	1	0.04	2	540	15	0.51	<2	6	172
K270055		<10	<1	0.24	20	0.68	545	2	0.02	2	550	15	0.55	<2	6	227
K270056		10	2	0.22	10	1.08	596	42	0.31	302	660	7990	7.22	29	4	79
K270057		<10	<1	0.27	10	0.68	582	<1	0.01	10	640	20	0.04	<2	5	492
K270058		<10	<1	0.30	10	0.70	559	<1	0.01	9	580	10	0.06	<2	5	323
K270059		<10	<1	0.27	10	0.72	681	1	0.01	12	590	71	0.08	2	5	330
K270060		<10	1	0.32	10	0.24	1465	11	0.01	4	410	4090	4.87	64	1	45
K270061		<10	1	0.20	20	0.50	897	3	0.01	2	570	252	0.58	3	7	83
K270062		<10	<1	0.27	10	0.49	1715	3	0.01	2	460	951	3.27	48	4	82
K270063		<10	<1	0.03	<10	12.80	203	<1	0.02	<1	300	<2	0.03	<2	<1	55
K270064		<10	<1	0.23	20	0.69	980	1	0.01	3	520	25	0.37	<2	6	130
K270065		<10	<1	0.18	20	0.61	354	1	0.03	2	560	9	0.05	<2	7	145
K270066		<10	1	0.21	20	0.68	741	1	0.01	3	540	846	0.72	7	7	112
K270067		<10	<1	0.21	20	0.63	626	12	0.02	2	580	637	0.17	6	7	123
K270068		<10	<1	0.18	20	0.60	436	1	0.07	2	590	11	0.09	2	6	101
K270069		<10	<1	0.19	20	0.71	897	1	0.01	2	600	13	0.20	2	9	113
K270070		10	1	0.23	10	1.08	597	41	0.32	302	670	8000	7.31	27	4	80
K270071		<10	1	0.31	10	1.19	2530	5	0.01	4	970	3690	2.56	37	7	119
K270072		<10	<1	0.19	20	0.47	1130	1	0.01	2	590	58	0.80	6	7	62
K270073		<10	<1	0.17	20	0.61	474	1	0.08	2	580	17	0.05	<2	5	72
K270074		<10	<1	0.26	20	0.58	1395	2	0.02	2	520	316	1.07	14	6	105
K270075		<10	<1	0.20	20	0.63	535	1	0.08	1	560	58	0.08	<2	6	92
K270076		<10	<1	0.23	20	0.59	604	1	0.05	2	540	686	0.80	12	5	106
K270077		<10	1	0.29	10	0.40	2040	1	0.01	2	520	1535	3.01	46	4	93
K270078		<10	1	0.05	10	11.30	182	<1	0.01	4	220	8	0.02	<2	<1	62
K270079		<10	<1	0.19	20	0.69	570	<1	0.05	3	580	11	0.05	<2	6	97
K270080		<10	<1	0.14	20	0.57	390	1	0.08	2	580	9	0.01	<2	4	60
K270081		<10	1	0.18	30	0.60	628	1	0.01	2	580	12	0.46	2	7	85
K270082		<10	<1	0.15	20	0.52	535	1	0.04	2	560	9	0.09	2	8	99
K270083		<10	<1	0.14	20	0.49	450	3	0.04	2	580	9	0.29	2	7	73
K270084		<10	<1	0.15	20	0.48	451	1	0.05	2	590	10	0.33	2	7	73
K270085		<10	<1	0.16	20	0.60	418	<1	0.09	2	580	8	0.06	<2	5	63
K270086		<10	<1	0.15	20	0.62	359	<1	0.09	2	570	9	0.05	<2	3	56
K270087		<10	<1	0.19	10	0.41	802	1	0.01	2	530	49	0.90	5	7	73
K270088		<10	<1	0.34	10	0.63	1540	4	0.01	5	600	126	2.26	6	3	71

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11145064

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270053		<20	0.02	<10	<10	40	<10	38	<1
K270054		<20	<0.01	<10	<10	32	<10	47	<1
K270055		<20	<0.01	<10	<10	27	<10	43	1
K270056		<20	0.05	<10	10	301	<10	7560	35
K270057		<20	<0.01	<10	<10	27	<10	76	<1
K270058		<20	<0.01	<10	<10	26	<10	40	<1
K270059		<20	<0.01	<10	<10	25	<10	62	<1
K270060		<20	<0.01	<10	<10	7	<10	3030	51
K270061		<20	<0.01	<10	<10	30	<10	369	3
K270062		<20	<0.01	<10	<10	10	<10	1400	10
K270063		<20	<0.01	<10	10	2	<10	18	<1
K270064		<20	<0.01	<10	<10	29	<10	67	<1
K270065		<20	0.02	<10	<10	42	<10	37	<1
K270066		<20	0.01	<10	<10	34	<10	1410	6
K270067		<20	0.01	<10	<10	35	<10	404	3
K270068		<20	0.04	<10	<10	44	<10	40	<1
K270069		<20	<0.01	<10	<10	35	<10	69	<1
K270070		<20	0.05	<10	<10	301	<10	7480	29
K270071		<20	<0.01	<10	20	37	<10	8560	34
K270072		<20	<0.01	<10	<10	29	<10	313	<1
K270073		<20	0.09	<10	<10	49	<10	48	<1
K270074		<20	0.01	<10	<10	25	<10	534	7
K270075		<20	0.05	<10	<10	46	<10	248	1
K270076		<20	0.02	<10	<10	32	<10	1180	8
K270077		<20	<0.01	<10	<10	16	<10	6190	16
K270078		<20	<0.01	<10	<10	2	<10	56	<1
K270079		<20	0.04	<10	<10	43	<10	50	<1
K270080		<20	0.09	<10	<10	48	<10	32	<1
K270081		<20	<0.01	<10	<10	33	<10	42	<1
K270082		<20	0.01	<10	<10	40	<10	37	<1
K270083		<20	0.03	<10	<10	42	<10	34	<1
K270084		<20	0.03	<10	<10	43	<10	35	<1
K270085		<20	0.10	<10	<10	50	<10	32	<1
K270086		<20	0.13	<10	<10	52	<10	30	<1
K270087		<20	<0.01	<10	<10	33	<10	196	<1
K270088		<20	<0.01	<10	<10	21	<10	1250	2

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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11146159

Project: Klaza - DDH - 12

P.O. No.: BATCH 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11146159

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K271037		0.019
K271038		0.074
K271039		<0.005
K271040		<0.005
K271041		0.012
K271042		<0.005
K271043		0.008
K271044		1.460
K271045		<0.005
K271046		0.005
K271047		3.06
K271048		<0.005
K271049		0.009
K271050		0.061
K271051		<0.005
K271052		0.125
K271053		2.38
K271054		0.051
K271055		<0.005
K271056		<0.005
K271057		<0.005
K271058		<0.005
K271059		<0.005
K271060		<0.005
K271061		<0.005
K271062		<0.005
K271063		1.320
K271064		0.007
K271065		<0.005
K271066		0.088
K271067		<0.005
K271068		<0.005
K271069		0.224
K271070		<0.005
K271071		<0.005
K271072		0.005

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147614

Project: Klaza - TR - 36

P.O. No.: BATCH 4

This report is for 20 Rock samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza - TR - 36

CERTIFICATE OF ANALYSIS WH11147614

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275341		6.60	0.006	0.2	0.90	13	<10	850	1.1	2	0.34	<0.5	4	8	7	2.04
K275342		5.31	0.006	0.2	0.79	8	<10	590	1.1	<2	0.36	<0.5	5	8	5	2.14
K275343		2.97	0.105	1.5	0.75	125	<10	660	0.9	<2	0.44	1.4	6	6	13	2.53
K275344		3.76	0.011	0.6	0.98	33	<10	350	0.7	2	0.31	1.5	8	6	7	2.71
K275345		3.64	0.007	<0.2	1.34	17	<10	350	0.7	2	0.36	1.3	6	7	5	2.81
K275346		4.24	0.011	0.3	1.21	40	<10	340	0.8	<2	0.35	1.0	8	7	8	2.75
K275347		2.92	0.005	0.2	1.21	27	<10	430	0.6	<2	0.36	0.8	8	6	7	2.80
K275348		5.25	0.025	0.4	1.15	41	<10	530	0.7	<2	0.35	1.2	7	8	10	2.73
K275349		3.50	0.007	<0.2	1.18	20	<10	830	0.5	2	0.51	2.4	7	10	8	3.21
K275350		3.70	<0.005	<0.2	1.13	20	<10	390	<0.5	<2	0.45	0.6	6	8	6	2.65
K275351		4.25	0.007	<0.2	1.35	20	<10	460	<0.5	<2	0.59	0.7	6	12	10	2.94
K275352		0.09	1.325	37.6	5.12	149	<10	50	<0.5	5	4.86	34.4	91	60	7630	8.70
K275353		3.50	<0.005	<0.2	1.32	18	<10	360	<0.5	<2	0.62	0.7	6	11	15	2.82
K275354		3.58	<0.005	<0.2	1.21	13	<10	440	<0.5	<2	0.55	<0.5	6	8	9	2.67
K275355		4.52	<0.005	<0.2	1.19	23	<10	310	<0.5	<2	0.51	0.5	7	9	8	2.82
K275356		4.44	<0.005	<0.2	1.15	13	<10	380	<0.5	<2	0.56	0.7	6	8	7	2.61
K275357		4.74	<0.005	<0.2	1.17	20	<10	360	<0.5	<2	0.51	0.7	5	9	7	2.67
K275358		3.80	<0.005	<0.2	1.08	16	<10	310	<0.5	<2	0.45	0.6	5	9	6	2.51
K275359		3.19	<0.005	<0.2	1.14	26	<10	660	<0.5	<2	0.47	0.5	6	9	12	2.68
K275360		2.90	<0.005	<0.2	1.26	26	<10	380	<0.5	<2	0.61	0.8	6	11	7	2.69

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza - TR - 36

CERTIFICATE OF ANALYSIS WH11147614

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275341		<10	1	0.33	30	0.11	653	1	0.03	5	760	27	0.03	<2	5	21
K275342		<10	<1	0.32	30	0.13	601	1	0.03	5	770	22	0.02	2	5	21
K275343		<10	1	0.26	20	0.10	759	4	0.03	4	710	236	0.03	3	6	27
K275344		10	1	0.15	20	0.33	644	2	0.04	3	560	34	0.02	2	7	18
K275345		10	1	0.16	20	0.54	495	1	0.05	3	630	22	0.02	<2	6	21
K275346		10	1	0.18	20	0.43	450	1	0.04	3	620	41	0.02	2	7	19
K275347		10	<1	0.16	20	0.53	581	1	0.05	3	600	28	0.02	2	6	21
K275348		10	1	0.20	20	0.40	470	1	0.04	4	690	74	0.03	<2	6	22
K275349		10	<1	0.18	20	0.54	1500	2	0.07	5	650	25	0.07	<2	6	26
K275350		10	<1	0.16	20	0.56	480	1	0.09	4	580	20	0.03	<2	5	30
K275351		10	<1	0.18	20	0.74	627	1	0.10	5	640	23	0.03	<2	5	36
K275352		10	1	0.24	10	1.18	651	48	0.35	344	700	9010	7.80	31	4	81
K275353		10	1	0.15	20	0.73	561	1	0.09	4	620	29	0.03	<2	5	32
K275354		10	<1	0.19	20	0.56	460	1	0.11	5	600	20	0.02	<2	4	34
K275355		10	1	0.15	20	0.61	538	1	0.08	4	630	22	0.01	<2	4	32
K275356		10	1	0.15	20	0.58	552	1	0.09	4	600	20	0.02	<2	4	31
K275357		10	1	0.15	20	0.59	554	1	0.09	4	590	20	0.03	<2	4	31
K275358		10	<1	0.16	20	0.53	506	1	0.10	3	570	23	0.05	<2	5	33
K275359		10	1	0.14	10	0.57	389	1	0.09	5	620	32	0.04	<2	4	33
K275360		10	1	0.14	20	0.51	487	1	0.10	6	660	33	0.02	2	4	40

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza - TR - 36

CERTIFICATE OF ANALYSIS WH11147614

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275341		<20	0.01	<10	<10	28	<10	60
K275342		<20	0.02	<10	<10	31	<10	53
K275343		<20	0.01	<10	<10	36	<10	200
K275344		<20	0.01	<10	<10	44	<10	169
K275345		20	0.01	<10	<10	46	<10	93
K275346		20	0.01	<10	<10	42	<10	117
K275347		20	0.02	<10	<10	44	<10	97
K275348		<20	0.01	<10	<10	43	<10	147
K275349		<20	0.08	<10	<10	59	<10	92
K275350		20	0.09	<10	<10	52	<10	64
K275351		<20	0.10	<10	<10	62	<10	70
K275352		<20	0.06	<10	<10	330	<10	8230
K275353		<20	0.10	<10	<10	59	<10	68
K275354		<20	0.11	<10	<10	54	<10	67
K275355		<20	0.10	<10	<10	55	<10	66
K275356		<20	0.10	<10	<10	53	<10	62
K275357		<20	0.10	<10	<10	52	<10	69
K275358		<20	0.09	<10	<10	52	<10	67
K275359		<20	0.10	<10	<10	54	<10	80
K275360		<20	0.11	<10	<10	55	<10	68

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Finalized Date: 7- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147615

Project: Klaza- DDH- 21

P.O. No.: Batch 4

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11147615

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270089		9.97	0.011	0.2	1.27	9	<10	170	<0.5	2	1.26	<0.5	6	12	75	2.67
K270090		8.87	<0.005	<0.2	1.29	5	<10	220	<0.5	<2	1.11	<0.5	5	12	6	2.49
K270091		10.66	<0.005	<0.2	1.22	2	<10	180	<0.5	<2	1.03	<0.5	4	11	7	2.41
K270092		0.14	1.510	38.5	5.27	152	<10	40	<0.5	<2	4.92	35.0	89	61	7950	8.78
K270093		10.62	<0.005	<0.2	1.32	4	<10	230	<0.5	<2	1.14	<0.5	6	11	29	2.45
K270094		10.01	<0.005	<0.2	1.35	<2	<10	230	<0.5	<2	1.40	<0.5	6	11	10	2.82
K270095		4.19	0.014	0.4	0.75	10	<10	190	0.6	2	2.25	<0.5	9	5	12	2.98
K270096		10.99	<0.005	<0.2	1.24	<2	<10	170	<0.5	<2	1.06	<0.5	5	10	8	2.44
K270097		5.13	<0.005	<0.2	1.35	3	<10	190	<0.5	<2	1.14	<0.5	6	12	8	2.63
K270098		10.06	<0.005	<0.2	1.30	<2	<10	190	<0.5	<2	1.11	<0.5	6	11	6	2.55
K270099		11.72	<0.005	<0.2	1.31	4	<10	210	<0.5	<2	1.16	0.6	5	10	8	2.50

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Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11147615

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270089		10	<1	0.16	20	0.71	410	1	0.11	2	610	10	0.35	<2	5	58
K270090		10	1	0.14	20	0.67	369	1	0.12	2	610	10	0.13	<2	4	63
K270091		10	1	0.13	20	0.60	355	1	0.11	1	580	10	0.06	<2	3	85
K270092		10	1	0.25	10	1.21	660	46	0.36	349	720	9180	8.01	28	5	82
K270093		10	<1	0.16	20	0.61	377	1	0.12	2	610	16	0.09	<2	4	117
K270094		10	<1	0.18	20	0.68	486	1	0.09	2	640	10	0.04	<2	5	65
K270095		<10	1	0.24	30	0.46	762	1	0.02	3	630	14	1.11	3	6	88
K270096		10	<1	0.14	20	0.64	391	1	0.10	2	580	9	0.09	<2	4	54
K270097		10	<1	0.15	20	0.69	415	2	0.10	2	620	9	0.07	<2	4	59
K270098		10	<1	0.14	20	0.63	393	2	0.11	2	610	11	0.03	<2	4	65
K270099		10	1	0.15	20	0.60	354	1	0.10	2	590	12	0.05	<2	3	63

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Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11147615

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270089		<20	0.13	<10	<10	56	<10	37	<1
K270090		<20	0.14	<10	<10	56	<10	33	<1
K270091		20	0.15	<10	<10	54	<10	31	<1
K270092		<20	0.06	<10	<10	341	<10	8390	31
K270093		20	0.16	<10	<10	57	<10	39	<1
K270094		20	0.11	<10	<10	59	<10	37	<1
K270095		<20	<0.01	<10	<10	28	<10	53	<1
K270096		<20	0.13	<10	<10	54	<10	33	<1
K270097		20	0.14	<10	<10	57	<10	34	<1
K270098		20	0.15	<10	<10	55	<10	37	<1
K270099		20	0.14	<10	<10	55	<10	60	<1

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147616

Project: Klaza- DDH- 29

P.O. No.: Batch 2

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 29

CERTIFICATE OF ANALYSIS WH11147616

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270136		3.95	<0.005	<0.2	1.20	3	<10	470	<0.5	<2	1.22	<0.5	7	10	16	2.62
K270137		3.32	<0.005	<0.2	1.20	7	<10	520	0.7	3	2.16	<0.5	8	8	19	3.07
K270138		3.60	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.2	<0.5	1	<1	1	0.41
K270139		4.04	<0.005	0.2	1.32	7	<10	430	0.6	<2	1.81	<0.5	11	9	7	2.85
K270140		4.42	<0.005	<0.2	1.22	6	<10	690	<0.5	<2	1.71	<0.5	7	11	9	2.73
K270141		4.44	<0.005	<0.2	1.20	6	<10	590	<0.5	<2	1.35	<0.5	7	12	13	2.67
K270142		4.13	<0.005	<0.2	1.09	9	<10	420	<0.5	<2	1.68	<0.5	7	11	9	2.61
K270143		0.13	1.400	34.5	5.00	157	<10	40	<0.5	9	4.83	34.2	88	61	7530	8.77
K270144		4.67	<0.005	<0.2	1.28	5	<10	670	<0.5	<2	1.05	<0.5	6	12	42	2.59
K270145		6.61	<0.005	<0.2	1.21	7	<10	650	<0.5	<2	1.31	<0.5	7	11	13	2.68

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 29

CERTIFICATE OF ANALYSIS WH11147616

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270136		10	<1	0.29	20	0.63	522	1	0.11	1	600	11	0.08	<2	5	53
K270137		10	<1	0.30	30	0.50	736	1	0.03	2	670	13	0.06	5	10	66
K270138		<10	1	0.03	<10	12.25	191	<1	0.02	2	250	<2	0.03	<2	<1	56
K270139		10	1	0.33	20	0.67	769	1	0.08	2	640	17	0.18	<2	7	76
K270140		10	1	0.27	20	0.73	715	1	0.10	2	610	14	0.17	<2	6	83
K270141		<10	<1	0.33	20	0.69	621	1	0.10	6	620	13	0.04	<2	5	60
K270142		<10	<1	0.31	20	0.65	500	<1	0.09	3	620	8	0.05	<2	5	68
K270143		10	1	0.26	<10	1.21	669	50	0.34	334	720	8810	7.63	30	5	81
K270144		<10	<1	0.40	20	0.67	450	1	0.13	4	610	16	<0.01	<2	5	51
K270145		<10	<1	0.39	20	0.64	541	1	0.10	2	610	8	0.05	<2	5	58

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CERTIFICATE OF ANALYSIS WH11147616

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270136		20	0.12	<10	<10	55	<10	52	<1
K270137		20	0.06	<10	<10	53	<10	54	<1
K270138		<20	<0.01	<10	<10	2	<10	15	<1
K270139		<20	0.06	<10	<10	50	<10	68	<1
K270140		20	0.08	<10	<10	54	<10	53	<1
K270141		<20	0.13	<10	<10	58	<10	41	<1
K270142		20	0.10	<10	<10	52	<10	30	1
K270143		<20	0.06	<10	<10	338	<10	7890	31
K270144		<20	0.17	<10	<10	62	<10	63	<1
K270145		<20	0.12	<10	<10	57	<10	33	1

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CERTIFICATE WH11147617

Project: KLAZA- DDH- 29

P.O. No.: BATCH 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- SEP- 2011
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Project: KLAZA- DDH- 29

CERTIFICATE OF ANALYSIS WH11147617

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270100		2.54	<0.005	<0.2	1.03	381	<10	200	<0.5	<2	0.96	4.3	6	9	2	3.33
K270101		5.89	<0.005	<0.2	0.59	156	<10	460	0.6	<2	2.05	5.9	4	6	3	2.98
K270102		4.99	<0.005	<0.2	1.16	48	<10	320	<0.5	<2	1.14	0.9	10	10	3	2.83
K270103		5.01	<0.005	<0.2	1.12	52	<10	300	<0.5	<2	1.34	1.6	6	10	3	2.83
K270104		6.86	<0.005	<0.2	1.17	14	<10	390	<0.5	<2	1.22	0.8	6	11	7	2.66
K270105		2.98	<0.005	<0.2	1.23	8	<10	370	<0.5	<2	1.22	<0.5	6	11	8	2.67
K270106		3.17	<0.005	<0.2	0.95	32	<10	560	0.6	<2	2.00	4.3	7	7	10	2.97
K270107		5.69	0.020	1.8	0.57	211	<10	440	0.8	<2	2.63	11.7	7	6	18	3.07
K270108		3.08	0.021	1.4	0.48	321	<10	330	0.7	<2	2.79	14.1	6	4	18	3.33
K270109		2.90	0.946	26.8	0.36	2130	<10	50	<0.5	16	1.19	68.5	21	3	240	6.67
K270110		3.78	3.94	>100	0.15	7080	<10	10	<0.5	2790	0.85	180.0	68	3	2710	24.0
K270111		2.59	<0.005	0.6	0.04	8	<10	10	<0.5	<2	20.0	<0.5	<1	<1	4	0.43
K270112		3.38	2.82	>100	0.37	>10000	<10	10	<0.5	81	4.27	252	11	3	1825	8.82
K270113		4.24	0.016	0.7	0.52	27	<10	860	0.8	<2	2.80	<0.5	5	2	12	2.05
K270114		2.44	0.083	2.5	0.56	690	<10	210	0.7	<2	3.40	3.0	7	2	145	2.71
K270115		4.53	3.63	64.1	0.39	>10000	<10	10	<0.5	27	1.04	157.5	21	5	629	14.4
K270116		4.60	0.006	<0.2	0.05	31	<10	20	<0.5	<2	20.3	<0.5	<1	<1	2	0.41
K270117		5.87	0.006	0.6	1.16	43	<10	220	0.5	<2	1.68	2.7	8	8	11	2.86
K270118		5.50	<0.005	0.2	1.11	16	<10	390	0.5	<2	2.19	<0.5	7	9	15	2.69
K270119		2.52	<0.005	<0.2	1.03	28	<10	350	0.5	<2	2.26	<0.5	7	8	6	2.69
K270120		3.92	<0.005	<0.2	1.28	30	<10	310	0.6	<2	1.95	<0.5	7	8	9	2.91
K270121		6.99	0.025	1.0	0.56	202	<10	300	0.6	<2	4.12	2.2	5	5	29	2.82
K270122		0.08	1.500	33.8	5.02	158	<10	40	<0.5	17	4.81	34.5	91	62	7790	8.75
K270123		4.90	0.005	0.3	1.11	619	<10	310	0.5	<2	1.77	<0.5	6	9	13	2.75
K270124		4.69	<0.005	<0.2	1.27	21	<10	320	<0.5	<2	1.58	<0.5	9	9	6	2.90
K270125		5.99	0.005	0.3	0.88	27	<10	630	0.6	<2	2.52	<0.5	10	7	11	3.14
K270126		3.96	0.007	0.4	1.08	12	<10	380	0.5	<2	2.24	0.6	9	8	18	2.75
K270127		4.93	<0.005	0.4	1.00	37	<10	520	0.7	<2	1.93	0.8	8	7	9	2.89
K270128		4.51	<0.005	<0.2	1.20	8	<10	610	<0.5	<2	1.30	<0.5	6	10	9	2.62
K270129		4.02	<0.005	<0.2	1.34	3	<10	700	<0.5	<2	0.97	<0.5	6	11	13	2.71
K270130		6.03	0.043	2.1	0.74	333	<10	340	0.5	<2	2.00	3.0	16	6	27	3.31
K270131		0.09	1.405	36.1	5.31	158	<10	30	<0.5	3	4.93	34.1	90	60	7870	8.49
K270132		4.60	0.005	0.3	0.99	24	<10	470	0.6	<2	1.86	<0.5	6	8	27	2.81
K270133		4.77	<0.005	0.2	0.76	10	<10	780	0.6	2	1.30	<0.5	9	5	29	2.87
K270134		2.67	0.005	0.2	0.78	15	<10	900	0.7	2	1.56	<0.5	10	5	12	2.93
K270135		3.63	<0.005	<0.2	1.30	7	<10	450	0.5	<2	1.31	<0.5	8	9	15	2.72

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Finalized Date: 16- SEP- 2011
Account: ROCKHA

Project: KLAZA- DDH- 29

CERTIFICATE OF ANALYSIS WH11147617

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270100		<10	<1	0.19	20	0.55	447	1	0.04	3	650	7	<0.01	2	7	34
K270101		<10	<1	0.26	20	0.53	1015	1	0.02	2	630	14	0.03	3	5	66
K270102		10	<1	0.19	20	0.71	452	1	0.07	2	630	7	0.01	<2	5	48
K270103		<10	<1	0.20	20	0.65	541	1	0.07	3	620	7	0.01	<2	6	51
K270104		<10	<1	0.24	20	0.68	467	1	0.09	2	640	8	<0.01	<2	5	46
K270105		10	<1	0.24	20	0.70	447	1	0.10	2	650	7	<0.01	<2	5	45
K270106		<10	<1	0.28	20	0.82	873	1	0.05	3	710	20	0.06	<2	8	76
K270107		<10	<1	0.28	20	0.79	2040	1	0.01	2	590	357	0.64	3	8	100
K270108		<10	<1	0.31	20	0.92	3600	1	0.01	3	580	232	0.64	5	7	70
K270109		<10	1	0.30	<10	0.31	1925	2	0.01	1	500	2170	7.40	52	1	23
K270110		<10	1	0.10	<10	0.30	392	1	0.01	<1	50	>10000	>10.0	504	<1	16
K270111		<10	<1	0.02	<10	12.05	198	<1	0.02	1	230	16	0.02	2	<1	54
K270112		<10	1	0.27	<10	1.51	3170	3	0.01	1	320	>10000	>10.0	273	1	91
K270113		<10	<1	0.28	10	0.94	1105	2	0.01	4	900	33	0.35	4	4	102
K270114		<10	1	0.26	10	1.06	2680	4	0.01	2	510	194	0.74	12	5	89
K270115		<10	1	0.25	<10	0.33	1595	6	0.01	<1	270	2450	>10.0	169	2	22
K270116		<10	<1	0.03	<10	12.25	197	<1	0.02	<1	270	9	0.01	<2	<1	57
K270117		<10	<1	0.20	30	0.61	671	5	0.04	2	640	99	0.18	2	6	58
K270118		<10	<1	0.21	30	0.66	679	12	0.05	2	640	17	0.03	<2	7	77
K270119		<10	<1	0.21	20	0.67	670	22	0.05	3	630	15	0.18	2	7	82
K270120		<10	<1	0.23	30	0.65	600	51	0.06	2	650	22	0.04	<2	7	76
K270121		<10	<1	0.27	20	0.73	1495	30	0.02	2	580	122	0.89	4	6	134
K270122		10	1	0.26	<10	1.21	671	46	0.35	337	730	8750	7.67	29	5	82
K270123		<10	<1	0.25	20	0.70	715	17	0.06	3	660	30	0.17	4	6	67
K270124		<10	<1	0.25	20	0.70	675	11	0.08	2	750	13	0.11	<2	5	60
K270125		<10	1	0.29	20	0.62	1230	16	0.03	2	630	61	0.22	<2	7	85
K270126		<10	<1	0.27	20	0.62	839	7	0.05	3	620	38	0.18	2	7	90
K270127		<10	<1	0.28	20	0.53	1105	2	0.03	2	640	80	0.17	<2	8	66
K270128		<10	<1	0.34	20	0.62	456	1	0.08	2	620	9	<0.01	<2	6	57
K270129		10	<1	0.42	20	0.71	439	1	0.11	2	650	8	<0.01	<2	5	51
K270130		<10	<1	0.30	20	0.66	1920	3	0.03	2	640	378	0.81	4	6	64
K270131		10	1	0.24	10	1.18	660	48	0.36	337	720	9080	8.04	30	5	83
K270132		<10	<1	0.24	30	0.63	1090	2	0.05	1	630	27	0.13	4	7	63
K270133		<10	1	0.15	30	0.39	903	3	0.02	3	640	15	0.15	5	9	41
K270134		<10	1	0.22	30	0.44	883	3	0.03	2	640	29	0.29	3	7	57
K270135		10	<1	0.26	30	0.60	467	1	0.10	1	620	12	0.05	<2	5	53

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CERTIFICATE OF ANALYSIS WH11147617

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K270100		20	0.01	<10	<10	47	<10	652	1		
K270101		20	<0.01	<10	<10	30	<10	669	1		
K270102		20	0.07	<10	<10	54	<10	162	<1		
K270103		20	0.07	<10	<10	51	<10	187	<1		
K270104		<20	0.13	<10	<10	61	<10	94	<1		
K270105		<20	0.15	<10	<10	62	<10	69	<1		
K270106		20	0.03	<10	<10	50	<10	353	<1		
K270107		20	<0.01	<10	<10	31	<10	1010	2		
K270108		<20	<0.01	<10	<10	22	<10	1140	2		
K270109		<20	<0.01	<10	<10	5	<10	5660	28		
K270110		<20	<0.01	<10	<10	3	30	>10000	685	2.28	1.070
K270111		<20	<0.01	<10	10	1	<10	23	2		
K270112		<20	<0.01	<10	<10	6	10	>10000	207	2.37	2.01
K270113		<20	<0.01	<10	<10	9	<10	64	2		
K270114		<20	<0.01	<10	<10	15	<10	352	3		
K270115		<20	<0.01	<10	<10	7	<10	>10000	63		1.075
K270116		<20	<0.01	<10	10	1	<10	29	1		
K270117		20	0.05	<10	<10	46	<10	278	2		
K270118		20	0.05	<10	<10	48	<10	43	1		
K270119		<20	0.03	<10	<10	46	<10	43	3		
K270120		20	0.03	<10	<10	51	10	65	<1		
K270121		<20	<0.01	<10	<10	25	<10	317	1		
K270122		<20	0.06	<10	<10	344	<10	7990	32		
K270123		<20	0.07	<10	<10	53	<10	80	1		
K270124		<20	0.11	<10	<10	63	<10	48	<1		
K270125		20	0.03	<10	<10	40	<10	62	3		
K270126		20	0.03	<10	<10	46	<10	108	<1		
K270127		20	0.04	<10	<10	43	<10	131	2		
K270128		<20	0.12	<10	<10	56	<10	38	<1		
K270129		<20	0.16	<10	<10	63	<10	31	1		
K270130		<20	0.02	<10	<10	34	<10	292	1		
K270131		<20	0.06	<10	<10	329	<10	8120	29		
K270132		20	0.04	<10	<10	43	<10	64	<1		
K270133		<20	0.01	<10	<10	39	<10	69	<1		
K270134		20	0.01	<10	<10	30	<10	61	<1		
K270135		20	0.13	<10	<10	54	<10	34	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147618

Project: Klaza- DDH- 26

P.O. No.: Batch 3

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147618

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269565		6.73	<0.005	<0.2	1.14	4	<10	250	<0.5	2	1.83	<0.5	6	7	24	2.52
K269566		8.30	<0.005	<0.2	1.17	4	<10	130	<0.5	2	1.47	<0.5	5	8	17	2.64
K269567		5.00	<0.005	<0.2	1.18	5	<10	100	0.5	<2	1.36	<0.5	5	8	16	2.53
K269568		3.31	0.050	0.4	0.73	91	<10	770	0.7	2	2.23	<0.5	6	4	51	2.40
K269569		12.72	0.034	0.6	0.90	134	<10	470	0.6	2	1.74	1.5	6	7	22	2.75
K269570		9.78	<0.005	<0.2	1.31	6	<10	190	<0.5	<2	1.28	<0.5	5	9	23	2.50
K269571		0.14	1.345	35.3	5.08	154	<10	40	<0.5	<2	4.73	32.8	88	58	7510	8.15
K269572		11.02	0.025	0.6	1.21	29	<10	140	<0.5	<2	1.40	<0.5	6	9	33	2.58
K269573		7.84	0.013	0.4	1.06	26	<10	460	0.7	2	1.85	0.5	5	5	35	2.83
K269574		8.34	<0.005	<0.2	1.25	8	<10	280	<0.5	2	1.56	<0.5	5	9	10	2.70
K269575		3.20	<0.005	<0.2	1.14	7	<10	240	<0.5	<2	1.44	<0.5	6	7	17	2.56
K269576		7.82	0.012	0.4	1.03	17	<10	350	0.5	4	1.98	<0.5	9	7	126	2.67
K269577		10.67	0.011	0.2	0.77	9	<10	620	0.7	2	2.19	<0.5	7	6	13	2.61
K269578		3.82	0.074	2.3	0.55	34	<10	120	<0.5	9	2.85	0.8	23	4	71	4.27
K269579		2.18	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	21.1	<0.5	1	<1	2	0.41
K269580		8.06	0.030	0.2	0.84	16	<10	170	<0.5	5	3.16	<0.5	18	5	2	2.85
K269581		9.35	<0.005	<0.2	1.23	3	<10	150	<0.5	<2	1.34	<0.5	6	11	10	2.50
K269582		11.39	<0.005	<0.2	1.30	8	<10	110	<0.5	<2	1.33	<0.5	12	10	6	2.58
K269583		0.12	1.850	36.1	5.32	168	<10	40	<0.5	<2	4.94	34.1	93	61	7930	8.54
K269584		13.13	<0.005	<0.2	1.33	7	<10	170	<0.5	<2	1.06	<0.5	5	10	12	2.39
K269585		7.14	<0.005	<0.2	1.37	6	<10	170	<0.5	<2	1.11	<0.5	6	9	27	2.52
K269586		3.48	0.009	<0.2	1.36	10	<10	170	0.5	2	2.13	<0.5	8	8	7	2.74
K269587		5.97	<0.005	0.3	1.05	16	<10	150	<0.5	2	1.93	<0.5	8	8	28	2.70
K269588		1.13	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	21.1	<0.5	<1	<1	1	0.38
K269589		7.63	<0.005	<0.2	1.29	<2	<10	160	<0.5	2	1.45	<0.5	6	8	15	2.67
K269590		12.00	<0.005	<0.2	1.29	4	<10	180	<0.5	2	1.38	<0.5	6	9	28	2.62
K269591		7.88	<0.005	1.5	1.19	9	<10	150	0.5	<2	1.96	0.6	5	8	48	2.53
K269592		9.21	<0.005	<0.2	1.27	7	<10	140	<0.5	<2	1.34	<0.5	5	9	11	2.45
K269593		11.98	<0.005	0.2	1.37	8	<10	140	<0.5	2	1.54	<0.5	6	10	41	2.77

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147618

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269565		10	<1	0.19	20	0.62	508	2	0.08	1	600	8	0.10	3	6	72
K269566		10	<1	0.15	20	0.66	507	2	0.09	2	620	8	0.14	<2	6	59
K269567		10	<1	0.14	20	0.65	470	2	0.09	2	630	8	0.07	<2	6	59
K269568		<10	<1	0.23	20	0.53	1045	2	0.03	<1	550	11	0.50	17	7	72
K269569		<10	<1	0.19	20	0.55	802	4	0.06	1	610	66	0.47	4	7	74
K269570		10	<1	0.17	20	0.66	446	2	0.10	1	590	10	0.03	<2	4	54
K269571		10	1	0.23	10	1.13	634	44	0.35	322	700	8660	7.68	27	4	81
K269572		10	<1	0.16	20	0.66	516	1	0.09	1	620	15	0.19	<2	5	56
K269573		<10	<1	0.20	30	0.58	685	2	0.03	3	640	45	0.19	7	8	71
K269574		10	<1	0.22	20	0.70	557	2	0.12	1	640	31	0.17	2	7	71
K269575		10	<1	0.18	20	0.66	513	2	0.10	1	600	9	0.24	<2	6	65
K269576		10	<1	0.20	20	0.76	613	1	0.07	2	590	17	0.70	8	6	78
K269577		<10	<1	0.20	20	0.60	756	1	0.03	1	600	9	0.50	5	9	92
K269578		<10	<1	0.33	10	0.62	1265	5	0.02	4	640	558	3.25	9	3	90
K269579		<10	<1	0.02	<10	12.45	207	<1	0.02	<1	230	<2	0.02	<2	<1	54
K269580		<10	1	0.24	20	0.58	673	2	0.05	2	620	13	1.52	<2	5	93
K269581		10	<1	0.14	20	0.75	397	1	0.11	2	620	11	0.15	2	5	54
K269582		10	<1	0.13	20	0.68	417	1	0.11	1	600	13	0.42	<2	4	48
K269583		10	1	0.24	10	1.18	665	48	0.37	329	720	9060	8.09	27	5	84
K269584		10	<1	0.13	20	0.63	384	1	0.11	1	590	15	0.04	<2	4	53
K269585		10	<1	0.15	20	0.67	389	1	0.12	1	610	13	0.16	<2	4	60
K269586		10	<1	0.17	20	0.69	545	1	0.05	1	620	12	0.99	<2	4	103
K269587		10	<1	0.22	20	0.61	917	1	0.06	1	560	12	0.60	<2	4	75
K269588		<10	<1	0.01	<10	12.45	193	<1	0.02	1	230	2	0.02	2	<1	53
K269589		10	<1	0.15	20	0.76	553	1	0.11	1	610	8	0.05	<2	6	66
K269590		10	<1	0.16	20	0.71	494	1	0.10	1	610	11	0.12	<2	5	77
K269591		10	<1	0.17	20	0.68	862	1	0.08	1	600	152	0.15	3	6	83
K269592		10	<1	0.14	20	0.65	468	1	0.09	1	580	12	0.06	<2	4	77
K269593		10	<1	0.16	20	0.68	592	1	0.09	1	640	11	0.18	<2	5	81

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VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147618

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269565		20	0.05	<10	<10	44	<10	35	<1
K269566		<20	0.06	<10	<10	50	<10	38	<1
K269567		20	0.06	<10	<10	47	<10	36	<1
K269568		<20	<0.01	<10	<10	25	<10	35	<1
K269569		<20	0.01	<10	<10	37	<10	143	<1
K269570		<20	0.12	<10	<10	52	<10	34	<1
K269571		<20	0.06	<10	<10	316	<10	7880	31
K269572		<20	0.10	<10	<10	51	<10	46	<1
K269573		20	0.01	<10	<10	36	<10	99	<1
K269574		20	0.07	<10	<10	51	<10	53	<1
K269575		<20	0.07	<10	<10	47	<10	39	<1
K269576		<20	0.04	<10	<10	41	<10	49	<1
K269577		<20	<0.01	<10	<10	35	<10	42	<1
K269578		<20	<0.01	<10	<10	15	<10	139	3
K269579		<20	<0.01	<10	<10	2	<10	16	1
K269580		<20	<0.01	<10	<10	30	<10	40	1
K269581		20	0.12	<10	<10	54	<10	34	<1
K269582		20	0.12	<10	<10	51	<10	36	1
K269583		<20	0.06	<10	<10	330	<10	8080	30
K269584		<20	0.15	<10	<10	53	<10	38	<1
K269585		<20	0.15	<10	<10	54	<10	37	<1
K269586		20	0.04	<10	<10	43	<10	42	<1
K269587		<20	0.05	<10	<10	41	<10	40	<1
K269588		<20	<0.01	<10	<10	1	<10	15	<1
K269589		20	0.10	<10	<10	57	<10	39	<1
K269590		<20	0.12	<10	<10	57	<10	37	<1
K269591		<20	0.06	<10	<10	47	<10	84	1
K269592		20	0.12	<10	<10	52	<10	36	<1
K269593		<20	0.09	<10	<10	54	<10	40	<1

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Finalized Date: 16- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147704

Project: Klaza- DDH- 24

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
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ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Finalized Date: 16- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11147704

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272492		4.43	<0.005	<0.2	1.18	14	<10	310	<0.5	2	1.23	0.8	6	12	13	2.77
K272493		1.71	0.011	0.7	0.79	64	<10	880	0.7	<2	0.93	5.8	6	6	39	3.00
K272494		4.76	0.007	0.4	1.04	22	<10	500	<0.5	<2	1.00	1.2	6	11	20	2.65
K272495		3.18	0.005	<0.2	1.09	18	<10	400	<0.5	<2	1.33	0.8	5	11	14	2.60
K272496		1.45	0.013	2.5	0.86	88	<10	430	0.5	<2	1.31	4.7	7	6	53	3.14
K272497		0.15	1.485	33.1	5.03	158	<10	50	<0.5	10	4.82	34.2	89	59	7480	8.83
K272498		3.00	<0.005	0.2	1.17	31	<10	500	<0.5	<2	0.88	0.9	7	11	29	2.68
K272499		3.06	0.007	0.7	1.34	226	<10	410	0.5	<2	0.62	6.0	6	9	18	3.34
K272500		2.49	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	18.8	<0.5	1	<1	9	0.39
K272501		7.06	0.005	<0.2	1.13	19	<10	390	<0.5	<2	0.75	1.1	5	13	23	2.40
K272502		7.56	<0.005	<0.2	1.15	14	<10	460	<0.5	<2	0.87	0.7	5	12	10	2.53
K272503		7.15	<0.005	<0.2	1.10	10	<10	370	<0.5	<2	1.01	<0.5	5	12	8	2.55
K272504		3.79	<0.005	<0.2	1.17	31	<10	470	<0.5	<2	0.95	<0.5	6	10	9	2.76
K272505		2.55	0.005	0.7	0.61	369	<10	140	0.5	<2	0.82	13.1	6	4	28	3.68
K272506		4.08	0.103	28.6	0.39	1220	<10	80	<0.5	8	0.34	39.6	2	4	587	5.73
K272507		2.49	<0.005	<0.2	0.04	8	<10	10	<0.5	<2	18.8	<0.5	1	1	4	0.40
K272508		1.47	0.545	>100	0.36	8410	<10	60	<0.5	10	0.19	77.0	2	2	116	4.77
K272509		2.31	0.027	0.8	0.88	400	<10	250	0.7	<2	1.05	9.6	6	4	13	2.73
K272510		1.71	0.341	1.5	0.53	1795	<10	370	0.6	<2	2.99	1.6	7	3	8	2.57
K272511		4.94	0.005	0.2	0.99	76	<10	390	<0.5	<2	0.95	0.8	6	8	8	2.77
K272512		2.16	0.006	<0.2	1.06	56	<10	400	<0.5	<2	0.86	0.7	7	8	7	2.85
K272513		0.85	0.162	3.0	0.90	340	<10	350	1.1	<2	2.03	19.5	8	4	43	3.65
K272514		4.85	<0.005	<0.2	0.60	109	<10	470	0.9	<2	2.97	5.8	6	8	6	2.53
K272515		2.33	0.011	0.4	0.54	246	<10	660	0.8	<2	2.76	3.9	6	3	28	3.06
K272516		3.11	0.176	11.4	0.52	1780	<10	120	0.7	<2	2.89	35.5	7	5	112	3.65
K272517		2.57	0.011	0.7	0.57	521	<10	200	0.7	<2	1.01	30.9	12	5	93	4.74
K272518		5.76	0.009	0.9	1.57	604	<10	450	0.9	<2	0.92	12.5	10	6	41	4.71
K272519		0.14	1.345	34.4	5.22	158	<10	40	<0.5	19	4.90	34.7	88	60	7640	8.98
K272520		2.07	0.006	0.3	1.38	493	<10	170	0.8	<2	0.82	15.1	13	5	28	4.31
K272521		3.27	<0.005	<0.2	1.22	62	<10	250	<0.5	<2	0.96	1.3	7	10	28	2.93
K272522		2.53	1.805	22.3	0.41	7510	<10	20	<0.5	4	0.39	80.4	8	4	294	7.60
K272523		2.14	0.009	0.8	0.97	203	<10	430	0.7	<2	1.19	18.4	9	7	23	3.66
K272524		1.86	0.008	0.4	0.56	108	<10	530	0.9	<2	2.84	1.3	6	3	9	2.49
K272525		1.34	0.923	22.4	0.35	1335	<10	20	<0.5	4	1.41	37.0	15	3	196	6.28
K272526		4.79	0.007	0.5	0.65	249	<10	240	0.8	<2	2.44	1.3	6	6	32	2.74
K272527		7.40	0.010	0.4	0.49	57	<10	460	0.6	<2	2.94	<0.5	5	3	8	2.13

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11147704

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272492		10	<1	0.23	20	0.63	687	1	0.10	1	620	21	0.05	<2	6	48
K272493		<10	<1	0.20	30	0.09	1160	2	0.02	1	650	90	0.11	5	9	28
K272494		<10	<1	0.28	20	0.55	570	2	0.07	6	600	100	0.02	<2	6	40
K272495		<10	<1	0.25	20	0.62	545	1	0.09	3	610	9	0.01	<2	5	56
K272496		<10	<1	0.31	20	0.51	1090	1	0.06	2	590	451	0.29	<2	5	56
K272497		10	1	0.25	<10	1.19	661	47	0.34	316	720	8840	7.53	27	4	81
K272498		<10	<1	0.31	20	0.61	560	1	0.10	2	610	23	0.02	<2	4	42
K272499		<10	<1	0.22	20	0.65	422	1	0.04	2	620	114	0.02	<2	4	33
K272500		<10	<1	0.02	<10	11.95	177	<1	0.01	4	210	2	<0.01	<2	<1	53
K272501		<10	<1	0.26	20	0.61	322	2	0.10	2	590	12	<0.01	<2	3	33
K272502		<10	<1	0.28	20	0.64	376	1	0.10	2	590	8	<0.01	<2	4	38
K272503		<10	<1	0.23	20	0.63	385	2	0.10	2	600	8	<0.01	<2	4	41
K272504		<10	<1	0.29	20	0.62	485	7	0.09	2	590	9	0.01	<2	6	58
K272505		<10	<1	0.30	20	0.31	3280	3	0.01	2	600	217	0.22	5	3	20
K272506		<10	<1	0.31	10	0.17	2950	2	0.01	<1	540	1420	1.26	71	3	12
K272507		<10	<1	0.03	<10	12.20	195	<1	0.01	3	260	5	<0.01	<2	<1	58
K272508		<10	<1	0.29	10	0.08	134	3	0.01	<1	430	>10000	2.29	126	1	18
K272509		<10	<1	0.24	20	0.46	1735	<1	0.02	1	550	90	0.15	2	6	37
K272510		<10	<1	0.27	20	0.86	3130	1	0.01	2	570	101	0.55	8	6	93
K272511		<10	<1	0.24	20	0.61	727	2	0.06	2	620	17	0.03	<2	6	55
K272512		<10	<1	0.25	20	0.64	707	2	0.07	2	630	17	0.02	<2	6	50
K272513		<10	<1	0.30	30	0.62	1650	2	0.02	5	590	495	0.55	5	7	114
K272514		<10	<1	0.32	20	0.94	1250	<1	0.01	7	680	14	<0.01	<2	5	195
K272515		<10	1	0.29	20	0.86	1240	1	0.01	4	590	31	0.04	5	9	107
K272516		<10	1	0.29	10	0.88	2560	2	0.01	2	540	963	1.53	25	6	76
K272517		<10	<1	0.21	30	0.30	3390	2	0.01	2	630	54	0.09	11	7	28
K272518		<10	<1	0.23	30	0.61	1255	3	0.01	3	710	40	0.12	<2	8	38
K272519		10	2	0.26	<10	1.22	677	49	0.35	325	730	8950	7.75	30	5	83
K272520		<10	<1	0.21	30	0.52	1705	2	0.02	3	660	31	0.26	<2	7	31
K272521		<10	<1	0.20	20	0.59	597	3	0.07	2	600	10	0.03	<2	5	46
K272522		<10	1	0.30	10	0.14	1105	8	0.01	1	500	5500	6.57	42	2	13
K272523		<10	1	0.26	20	0.53	1610	2	0.01	3	780	73	0.35	<2	6	39
K272524		<10	<1	0.27	20	0.94	1015	2	0.02	5	1120	59	0.15	2	4	104
K272525		<10	<1	0.26	<10	0.46	1220	12	0.01	1	400	2470	6.63	45	2	33
K272526		<10	<1	0.28	20	0.83	1085	1	0.02	3	800	43	0.14	2	7	79
K272527		<10	<1	0.26	10	0.90	1020	1	0.01	3	890	16	0.49	<2	4	88

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11147704

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K272492		20	0.10	<10	<10	59	<10	111	<1	
K272493		20	0.01	<10	<10	38	<10	596	<1	
K272494		<20	0.09	<10	<10	57	<10	191	<1	
K272495		<20	0.08	<10	<10	53	<10	99	<1	
K272496		<20	0.05	<10	<10	41	<10	728	1	
K272497		<20	0.06	<10	<10	329	<10	7910	31	
K272498		<20	0.13	<10	<10	60	<10	144	<1	
K272499		20	0.09	<10	<10	56	<10	644	<1	
K272500		<20	<0.01	<10	<10	1	<10	16	<1	
K272501		<20	0.15	<10	<10	57	<10	130	<1	
K272502		<20	0.16	<10	<10	60	<10	81	<1	
K272503		<20	0.12	<10	<10	59	<10	54	<1	
K272504		<20	0.08	<10	<10	53	<10	135	<1	
K272505		20	<0.01	<10	<10	17	<10	1820	<1	
K272506		<20	<0.01	<10	<10	10	<10	2120	25	
K272507		<20	<0.01	<10	10	1	<10	26	<1	
K272508		<20	<0.01	<10	<10	5	<10	4530	128	1.695
K272509		20	0.02	<10	<10	30	<10	1595	<1	
K272510		20	<0.01	<10	<10	19	<10	206	<1	
K272511		<20	0.05	<10	<10	45	<10	231	<1	
K272512		20	0.06	<10	<10	50	<10	220	<1	
K272513		<20	<0.01	<10	<10	27	<10	1845	2	
K272514		<20	<0.01	<10	<10	25	<10	895	<1	
K272515		<20	<0.01	<10	<10	37	<10	759	<1	
K272516		<20	<0.01	<10	<10	18	<10	2510	9	
K272517		20	<0.01	<10	<10	27	<10	4000	<1	
K272518		20	0.01	<10	<10	43	<10	1300	<1	
K272519		<20	0.06	<10	<10	340	<10	8010	30	
K272520		20	<0.01	<10	<10	35	<10	1930	<1	
K272521		20	0.08	<10	<10	53	<10	373	<1	
K272522		<20	<0.01	<10	<10	8	<10	5200	20	
K272523		<20	0.01	<10	<10	30	<10	1730	<1	
K272524		<20	<0.01	<10	<10	13	<10	228	<1	
K272525		<20	<0.01	<10	<10	7	<10	2510	21	
K272526		<20	<0.01	<10	<10	29	<10	233	<1	
K272527		<20	<0.01	<10	<10	13	<10	103	<1	

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VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147705

Project: Klaza- DDH- 24

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11147705

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272528		6.55	<0.005	<0.2	0.58	29	<10	1030	0.7	<2	2.70	<0.5	5	3	9	2.01
K272529		2.35	3.15	78.0	0.44	>10000	<10	20	<0.5	6	1.55	279	7	2	471	9.03
K272530		2.39	0.442	9.8	0.32	1330	<10	10	<0.5	15	1.19	3.2	6	4	29	9.73
K272531		2.84	0.969	15.0	0.39	1010	<10	10	<0.5	26	0.45	4.8	5	3	61	18.6
K272532		1.20	0.005	<0.2	0.05	5	<10	10	<0.5	<2	20.3	<0.5	<1	<1	1	0.42
K272533		7.91	0.063	3.9	0.54	289	<10	130	<0.5	3	2.20	12.7	6	8	43	4.31
K272534		2.93	0.016	2.5	0.71	96	<10	140	0.6	2	2.39	7.0	5	4	101	3.08
K272535		6.00	0.023	1.8	1.05	64	<10	260	<0.5	<2	1.51	1.6	4	7	22	2.59
K272536		6.06	0.034	3.3	0.58	154	<10	170	0.6	3	1.65	3.4	6	5	149	3.79
K272537		1.74	0.080	4.7	0.50	336	<10	50	<0.5	4	0.56	16.7	5	4	55	6.03
K272538		2.23	0.028	2.4	0.70	93	<10	210	0.5	2	1.61	7.4	6	5	41	4.42
K272539		5.64	<0.005	0.3	1.09	12	<10	400	<0.5	<2	1.33	0.7	5	9	9	2.72
K272540		2.57	<0.005	0.2	1.14	9	<10	410	<0.5	<2	1.40	<0.5	6	10	10	2.78
K272541		6.13	<0.005	<0.2	1.28	4	<10	380	<0.5	<2	1.15	<0.5	6	11	8	2.64
K272542		6.17	0.006	0.4	0.88	24	<10	330	0.5	<2	1.81	1.8	6	9	12	2.77
K272543		3.49	0.008	1.4	0.70	35	<10	520	0.7	<2	1.72	4.5	6	4	11	2.99
K272544		3.34	0.012	1.2	0.65	48	<10	230	0.5	2	2.27	5.7	15	4	30	3.49
K272545		4.46	0.013	1.0	0.91	43	<10	270	0.6	<2	2.51	8.5	7	5	18	2.97
K272546		3.64	0.042	2.1	0.64	138	<10	210	0.6	<2	2.04	4.9	5	4	23	4.23
K272547		4.12	0.040	1.1	1.12	24	<10	350	0.6	2	2.03	1.0	5	7	23	2.99
K272548		3.24	0.005	0.2	1.02	12	<10	620	0.5	<2	1.78	1.6	7	7	11	2.79
K272549		4.97	0.021	4.3	1.14	64	<10	290	0.5	4	1.49	2.8	6	10	225	3.42
K272550		0.14	1.420	34.7	5.17	162	10	50	<0.5	2	4.71	33.9	86	60	7800	8.63
K272551		2.61	0.064	3.0	0.66	62	<10	250	0.6	2	2.24	12.9	7	5	147	3.73
K272552		2.04	0.009	0.7	0.84	19	<10	410	<0.5	<2	2.11	9.1	5	6	31	2.85
K272553		3.06	<0.005	<0.2	1.12	6	<10	550	0.5	<2	1.27	<0.5	6	8	5	2.78
K272554		1.67	0.024	1.7	0.82	55	<10	360	<0.5	2	1.60	1.6	6	6	114	3.36
K272555		0.13	1.620	33.7	4.94	151	<10	50	<0.5	2	4.53	33.1	83	59	7510	8.35
K272556		3.24	0.011	0.4	1.28	16	<10	380	<0.5	<2	1.42	1.4	7	11	27	2.96
K272557		1.64	0.037	2.0	0.70	71	<10	190	0.5	3	2.05	2.8	7	5	95	4.67
K272558		2.34	0.015	0.7	1.27	19	<10	370	<0.5	<2	1.65	2.4	6	9	17	3.26
K272559		2.00	0.018	0.6	1.00	37	<10	490	0.5	<2	2.12	0.8	6	6	32	3.46
K272560		1.36	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	20.1	<0.5	1	<1	3	0.43
K272561		2.44	0.027	2.1	0.88	62	<10	350	0.5	<2	1.76	1.9	5	6	98	3.84
K272562		4.88	0.058	5.6	1.26	48	<10	340	0.6	4	3.05	2.4	5	5	475	3.74
K272563		1.87	<0.005	0.5	1.43	7	<10	200	<0.5	<2	1.35	<0.5	4	8	95	2.92

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Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11147705

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272528		<10	<1	0.28	10	0.88	743	1	0.01	2	930	5	0.15	2	4	99
K272529		<10	1	0.26	<10	0.45	1305	5	0.01	1	490	5940	>10.0	126	2	40
K272530		<10	<1	0.16	<10	0.33	450	6	0.01	<1	320	326	>10.0	7	1	34
K272531		<10	<1	0.30	<10	0.15	212	5	0.01	<1	260	813	>10.0	4	1	12
K272532		<10	<1	0.03	<10	11.85	203	<1	0.01	2	370	3	0.06	<2	<1	61
K272533		<10	<1	0.37	10	0.79	4630	1	0.01	9	610	591	2.38	4	3	31
K272534		<10	<1	0.35	20	0.90	1905	14	0.01	2	560	230	0.68	5	5	70
K272535		<10	<1	0.26	20	0.61	938	62	0.06	2	580	52	0.21	<2	5	68
K272536		<10	<1	0.32	10	0.74	1830	7	0.02	1	590	216	1.51	5	5	61
K272537		<10	<1	0.33	10	0.55	2960	5	0.01	1	560	832	3.25	3	3	22
K272538		<10	<1	0.35	10	0.82	2180	1	0.02	1	560	466	1.31	<2	5	72
K272539		<10	<1	0.28	20	0.65	697	2	0.09	1	600	41	0.14	<2	5	70
K272540		<10	<1	0.28	20	0.69	668	1	0.09	2	640	32	0.09	<2	6	69
K272541		10	<1	0.26	20	0.68	492	1	0.12	2	610	16	0.03	<2	5	61
K272542		<10	<1	0.28	20	0.62	895	1	0.06	1	600	83	0.22	<2	7	89
K272543		<10	<1	0.34	20	0.55	2260	1	0.02	1	550	465	0.63	<2	5	55
K272544		<10	<1	0.42	10	0.61	1780	<1	0.01	3	590	201	1.21	<2	4	62
K272545		<10	<1	0.29	20	0.73	1710	<1	0.01	2	600	236	0.60	2	5	61
K272546		<10	<1	0.34	10	0.65	2060	<1	0.02	1	520	303	1.64	2	4	72
K272547		<10	<1	0.27	20	0.64	1185	<1	0.03	2	580	90	0.51	<2	6	84
K272548		<10	<1	0.25	20	0.66	940	<1	0.06	2	580	41	0.23	<2	7	89
K272549		<10	<1	0.27	20	0.70	944	1	0.06	1	610	259	0.77	9	6	62
K272550		10	1	0.25	<10	1.17	665	46	0.34	326	730	8860	7.76	29	5	84
K272551		<10	<1	0.32	20	0.66	1960	<1	0.02	1	560	492	1.14	5	5	95
K272552		<10	<1	0.36	20	0.67	1390	1	0.05	1	600	288	0.39	<2	5	97
K272553		<10	<1	0.34	20	0.64	774	1	0.11	2	630	22	0.06	<2	7	74
K272554		<10	<1	0.34	20	0.65	1325	<1	0.05	1	480	125	0.87	2	4	75
K272555		10	1	0.24	<10	1.12	638	43	0.33	317	700	8520	7.48	27	4	81
K272556		<10	<1	0.30	20	0.68	1135	<1	0.09	2	630	103	0.35	<2	5	65
K272557		<10	<1	0.37	10	0.71	2440	1	0.02	1	630	236	1.13	<2	4	98
K272558		<10	<1	0.32	20	0.69	1490	1	0.06	2	590	256	0.38	<2	6	87
K272559		<10	<1	0.31	20	0.62	1695	1	0.03	2	590	63	0.55	<2	5	106
K272560		<10	<1	0.02	<10	12.15	203	<1	0.01	2	230	<2	0.03	<2	<1	62
K272561		<10	<1	0.40	20	0.67	1655	<1	0.04	1	560	135	0.82	2	5	77
K272562		<10	<1	0.31	20	0.74	1485	<1	0.02	1	620	191	0.75	5	5	108
K272563		<10	<1	0.19	20	0.70	686	<1	0.08	2	600	15	0.10	<2	6	57

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11147705

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K272528		<20	<0.01	<10	<10	15	<10	35	<1	
K272529		<20	<0.01	<10	<10	7	<10	>10000	72	2.45
K272530		<20	<0.01	<10	<10	6	<10	299	8	
K272531		<20	<0.01	<10	<10	5	<10	420	12	
K272532		<20	<0.01	<10	<10	1	<10	15	<1	
K272533		<20	<0.01	<10	<10	12	<10	1185	3	
K272534		20	<0.01	<10	<10	25	<10	839	2	
K272535		20	0.04	<10	<10	40	<10	198	<1	
K272536		20	<0.01	<10	<10	23	<10	420	2	
K272537		<20	<0.01	<10	<10	19	<10	1695	3	
K272538		20	0.01	<10	<10	30	<10	892	1	
K272539		20	0.07	<10	<10	47	<10	116	<1	
K272540		20	0.09	<10	<10	53	<10	80	<1	
K272541		<20	0.13	<10	<10	57	<10	47	<1	
K272542		20	0.02	<10	<10	40	<10	222	<1	
K272543		20	<0.01	<10	<10	20	<10	507	<1	
K272544		20	<0.01	<10	<10	21	<10	632	<1	
K272545		20	<0.01	<10	<10	27	<10	649	<1	
K272546		<20	<0.01	<10	<10	22	<10	568	1	
K272547		20	0.01	<10	<10	33	<10	149	1	
K272548		20	0.01	<10	<10	39	<10	213	<1	
K272549		20	0.04	<10	<10	46	<10	319	3	
K272550		<20	0.06	<10	<10	332	<10	8140	31	
K272551		<20	0.01	<10	<10	26	<10	1365	2	
K272552		<20	0.03	<10	<10	37	<10	954	<1	
K272553		<20	0.07	<10	<10	52	<10	65	<1	
K272554		20	0.03	<10	<10	32	<10	219	2	
K272555		<20	0.06	<10	<10	324	<10	8040	30	
K272556		<20	0.09	<10	<10	53	<10	190	<1	
K272557		<20	<0.01	<10	<10	26	<10	405	1	
K272558		<20	0.04	<10	<10	44	<10	314	<1	
K272559		<20	0.01	<10	<10	32	<10	154	<1	
K272560		<20	<0.01	<10	<10	1	<10	16	<1	
K272561		<20	0.02	<10	<10	32	<10	225	1	
K272562		<20	0.01	<10	<10	37	<10	286	4	
K272563		20	0.05	<10	<10	51	<10	41	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147706

Project: Klaza- DDH- 26

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147706

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269529		3.94	3.46	66.2	0.63	>10000	<10	40	0.9	<2	2.02	29.2	9	7	65	3.99
K269530		6.00	0.025	0.2	0.58	34	<10	460	0.7	<2	2.06	<0.5	6	5	9	2.52
K269531		6.71	0.037	1.5	0.49	127	<10	610	0.8	<2	3.09	3.2	8	5	6	2.69
K269532		8.18	<0.005	0.2	0.58	13	<10	490	0.5	<2	1.97	<0.5	8	7	12	2.42
K269533		9.30	0.005	0.3	0.77	21	<10	550	<0.5	<2	1.75	3.0	7	8	11	2.42
K269534		0.21	3.17	>100	0.18	>10000	<10	10	<0.5	6	0.41	321	4	10	1565	13.65
K269535		9.84	0.005	<0.2	0.71	14	<10	390	<0.5	<2	1.72	<0.5	5	7	9	2.30
K269536		2.52	0.106	4.8	0.37	538	<10	40	0.5	3	3.85	2.7	7	4	6	3.83
K269537		2.67	<0.005	<0.2	0.04	6	<10	20	<0.5	<2	18.3	<0.5	3	1	2	0.37
K269538		6.42	0.011	0.3	0.49	66	<10	570	0.8	<2	2.80	<0.5	9	4	6	2.39
K269539		3.28	0.462	78.1	0.38	643	<10	20	0.5	2	2.97	21.9	29	4	192	4.27
K269540		7.59	<0.005	0.2	0.68	10	<10	340	0.5	<2	1.77	<0.5	6	8	6	2.43
K269541		9.69	<0.005	0.3	0.65	7	<10	390	0.5	<2	1.86	<0.5	7	8	4	2.42
K269542		6.53	<0.005	0.8	0.60	17	<10	1080	0.7	<2	1.94	11.1	7	6	9	2.59
K269543		6.02	0.037	0.5	0.75	164	<10	300	<0.5	<2	1.72	4.7	8	7	9	2.55
K269544		4.33	<0.005	0.2	0.63	16	<10	250	0.6	<2	1.57	<0.5	7	6	9	2.31
K269545		6.83	0.350	8.2	0.40	1495	<10	40	0.7	<2	2.55	10.4	7	4	20	2.88
K269546		3.02	<0.005	<0.2	0.04	13	<10	20	<0.5	<2	18.0	<0.5	2	1	2	0.38
K269547		3.89	0.063	2.4	0.56	246	<10	250	1.0	<2	2.07	2.2	7	3	12	2.12
K269548		10.98	0.066	1.2	0.44	347	<10	260	0.8	<2	2.66	6.8	5	3	6	2.58
K269549		3.79	0.952	9.2	0.42	3760	<10	60	0.8	<2	2.59	47.9	6	3	22	3.84
K269550		9.19	0.006	0.2	0.61	80	<10	640	0.8	<2	3.18	<0.5	8	6	4	2.51
K269551		4.23	0.010	0.7	0.51	107	<10	530	1.0	<2	3.10	4.3	7	4	6	2.44
K269552		1.56	<0.005	0.6	0.55	119	<10	740	1.0	<2	3.00	1.9	7	3	5	2.31
K269553		6.35	0.025	3.3	0.49	186	<10	310	0.9	<2	2.74	39.6	7	6	15	2.94
K269554		2.62	0.010	1.5	0.49	58	<10	320	0.8	2	3.57	3.9	10	4	10	2.46
K269555		3.05	0.013	0.4	0.61	59	<10	630	1.3	<2	1.43	0.9	8	7	22	1.54
K269556		8.70	0.012	1.9	0.52	38	<10	720	0.9	<2	2.28	10.6	8	6	9	2.66
K269557		6.01	0.008	0.3	0.56	26	<10	530	0.7	<2	3.96	0.6	13	5	5	2.91
K269558		3.92	0.281	1.6	0.52	267	<10	50	0.7	3	3.90	8.0	11	3	4	4.88
K269559		0.21	3.21	>100	0.19	>10000	<10	10	<0.5	4	0.42	327	4	10	1630	14.2
K269560		3.79	0.059	0.5	0.54	120	<10	550	0.7	<2	3.44	3.2	5	2	12	2.47
K269561		8.95	0.006	0.2	0.62	26	<10	600	0.7	<2	2.48	<0.5	7	4	6	2.85
K269562		7.61	0.418	4.6	0.49	850	<10	80	0.8	2	2.84	30.0	8	4	21	3.25
K269563		3.73	0.030	0.8	0.58	68	<10	730	0.9	2	2.30	1.2	7	3	16	2.67
K269564		3.51	0.166	1.3	0.43	268	<10	110	0.7	2	2.49	0.6	11	4	43	3.10

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1016 - 510 W HASTINGS STREET
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Finalized Date: 17- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147706

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269529		<10	<1	0.25	20	0.69	2040	1	0.01	4	880	2220	2.02	65	4	126
K269530		<10	<1	0.23	20	0.63	1215	1	0.04	1	560	14	0.18	3	7	118
K269531		<10	<1	0.28	20	0.84	1975	1	0.02	2	540	133	0.47	2	5	136
K269532		<10	<1	0.19	20	0.60	731	<1	0.05	2	550	8	0.07	2	7	101
K269533		<10	<1	0.19	20	0.64	930	1	0.06	1	550	35	0.07	<2	6	92
K269534		<10	1	0.07	<10	0.17	1450	<1	0.01	11	140	>10000	>10.0	562	1	19
K269535		<10	<1	0.17	20	0.61	647	1	0.07	1	560	11	0.09	2	6	91
K269536		<10	<1	0.29	10	1.20	3040	6	0.01	1	400	198	2.43	11	3	71
K269537		<10	<1	0.02	<10	11.75	182	<1	0.01	2	210	3	<0.01	<2	<1	56
K269538		<10	<1	0.25	20	0.89	1200	1	0.01	2	510	28	0.44	2	6	108
K269539		<10	1	0.33	20	0.80	4420	<1	0.01	2	430	1390	3.23	115	2	76
K269540		<10	<1	0.19	20	0.64	810	1	0.05	2	570	16	0.05	2	6	85
K269541		<10	<1	0.18	20	0.60	588	1	0.07	2	580	10	0.07	<2	7	90
K269542		<10	1	0.23	20	0.63	1210	1	0.02	2	570	126	0.17	2	8	84
K269543		<10	<1	0.20	20	0.64	1335	1	0.06	2	540	117	0.31	2	5	87
K269544		<10	<1	0.16	20	0.48	737	1	0.03	2	550	11	0.06	2	8	86
K269545		<10	1	0.27	10	0.64	3370	4	0.01	2	470	422	1.76	20	4	93
K269546		<10	<1	0.03	<10	11.60	180	<1	0.01	2	240	2	<0.01	<2	<1	54
K269547		<10	1	0.28	20	0.54	1700	1	0.01	3	600	109	0.96	7	5	137
K269548		<10	<1	0.27	20	0.71	3160	1	0.01	3	530	206	0.89	6	6	150
K269549		<10	<1	0.28	10	0.70	7420	1	0.01	2	470	1130	2.39	22	4	117
K269550		<10	<1	0.24	20	0.86	923	<1	0.02	2	540	15	0.22	<2	8	208
K269551		<10	<1	0.26	20	0.90	1665	1	0.01	2	520	92	0.37	2	7	162
K269552		<10	<1	0.28	20	0.87	1525	1	0.01	2	510	94	0.35	2	6	161
K269553		<10	1	0.28	10	0.86	3320	1	0.01	7	470	602	0.91	4	5	135
K269554		<10	<1	0.30	20	1.05	1920	4	0.01	7	540	138	0.66	4	5	143
K269555		<10	<1	0.23	10	0.52	595	1	0.01	18	400	51	0.26	4	3	158
K269556		<10	1	0.26	10	0.75	2850	2	0.01	3	470	321	0.41	2	6	117
K269557		<10	<1	0.20	20	1.33	1295	<1	0.01	2	470	55	0.49	2	6	122
K269558		<10	<1	0.32	10	1.34	5130	22	0.01	2	800	161	1.50	17	4	106
K269559		<10	2	0.08	<10	0.18	1495	<1	0.01	11	140	>10000	>10.0	581	1	20
K269560		<10	<1	0.19	10	0.80	2150	2	0.02	1	480	66	0.47	3	7	153
K269561		<10	<1	0.21	20	0.82	1055	1	0.02	<1	580	17	0.39	2	7	126
K269562		<10	1	0.26	10	0.90	3770	5	0.01	2	440	368	1.19	10	5	115
K269563		<10	<1	0.24	10	0.75	1450	2	0.01	2	480	56	0.39	5	8	119
K269564		<10	<1	0.25	10	0.63	2300	3	0.01	39	510	45	1.89	3	5	80

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Finalized Date: 17- SEP- 2011
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Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147706

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K269529		<20	<0.01	<10	<10	25	<10	2090	63		
K269530		<20	<0.01	<10	<10	28	<10	44	<1		
K269531		<20	<0.01	<10	<10	21	<10	241	1		
K269532		<20	0.01	<10	<10	32	<10	37	1		
K269533		<20	0.02	<10	<10	35	<10	210	1		
K269534		<20	<0.01	<10	<10	7	150	>10000	424	3.12	3.57
K269535		20	0.02	<10	<10	35	<10	36	2		
K269536		<20	<0.01	<10	<10	9	<10	262	5		
K269537		<20	<0.01	<10	10	1	<10	16	<1		
K269538		<20	<0.01	<10	<10	22	<10	70	<1		
K269539		<20	<0.01	<10	<10	10	<10	2130	75		
K269540		<20	0.02	<10	<10	36	<10	69	<1		
K269541		<20	0.02	<10	<10	38	<10	41	1		
K269542		<20	<0.01	<10	<10	29	<10	728	1		
K269543		<20	0.03	<10	<10	35	<10	342	1		
K269544		20	0.01	<10	<10	33	<10	41	1		
K269545		<20	<0.01	<10	<10	9	<10	767	9		
K269546		<20	<0.01	<10	10	1	<10	20	1		
K269547		<20	<0.01	<10	<10	12	<10	188	3		
K269548		<20	<0.01	<10	<10	14	<10	511	2		
K269549		<20	<0.01	<10	<10	10	<10	2970	9		
K269550		20	<0.01	<10	<10	40	<10	57	1		
K269551		<20	<0.01	<10	<10	27	<10	301	1		
K269552		<20	<0.01	<10	<10	26	<10	150	1		
K269553		<20	<0.01	<10	<10	21	<10	2490	4		
K269554		<20	<0.01	<10	<10	14	<10	361	2		
K269555		<20	<0.01	<10	<10	14	<10	81	1		
K269556		<20	<0.01	<10	<10	22	<10	685	3		
K269557		<20	<0.01	<10	<10	30	<10	73	1		
K269558		<20	<0.01	<10	<10	30	<10	684	3		
K269559		<20	<0.01	<10	<10	8	150	>10000	423	3.19	3.67
K269560		<20	<0.01	<10	<10	24	<10	229	2		
K269561		<20	<0.01	<10	<10	31	<10	57	1		
K269562		<20	<0.01	<10	<10	19	<10	2020	6		
K269563		<20	<0.01	<10	<10	26	<10	141	1		
K269564		<20	<0.01	<10	<10	16	<10	97	2		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11147707

Project: Klaza TR- 32

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 32

CERTIFICATE OF ANALYSIS WH11147707

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275124		5.43	0.146	1.4	1.27	183	<10	840	0.6	2	0.60	1.7	15	23	22	3.45
K275125		4.49	0.059	1.0	1.32	96	<10	340	<0.5	<2	0.79	0.9	10	27	13	3.22
K275307		3.97	<0.005	0.2	1.04	11	<10	320	<0.5	<2	0.51	0.5	8	10	6	2.46
K275308		5.25	0.027	0.7	0.62	60	<10	1690	0.9	2	0.26	2.0	11	3	14	2.32
K275309		6.18	0.007	0.3	0.55	18	<10	980	1.0	<2	0.30	0.8	5	2	6	1.23
K275310		6.49	0.006	0.2	0.58	12	<10	860	1.1	<2	0.41	<0.5	5	3	7	1.50
K275311		5.29	0.007	0.2	0.60	13	<10	360	1.0	<2	0.50	0.6	6	3	7	1.60
K275312		5.00	0.009	0.3	0.67	16	<10	200	1.1	<2	0.36	0.5	5	3	7	1.67
K275313		5.20	0.008	0.3	0.64	13	<10	1050	1.0	<2	0.29	0.5	5	2	6	1.32
K275314		4.37	0.005	0.3	0.58	7	<10	450	1.1	<2	0.27	<0.5	5	2	6	1.68
K275315		6.26	0.006	0.3	0.63	9	<10	1120	1.2	<2	0.28	<0.5	5	2	6	1.68
K275316		5.13	0.005	0.2	0.50	7	<10	360	1.0	2	0.37	<0.5	5	2	4	1.68
K275317		5.37	<0.005	0.2	0.59	4	<10	630	1.0	<2	0.93	<0.5	5	3	7	1.53
K275318		4.83	<0.005	0.2	0.50	3	<10	1350	0.9	<2	0.29	<0.5	4	2	4	0.89
K275319		3.00	0.021	1.0	0.46	56	<10	3120	0.9	2	0.43	0.9	8	2	33	1.50
K275320		3.81	<0.005	0.3	0.53	10	<10	1570	0.5	2	0.16	<0.5	3	4	5	1.09
K275321		3.90	<0.005	1.8	0.81	16	<10	740	0.9	2	0.99	0.7	6	6	11	2.33
K275322		4.81	<0.005	0.2	0.59	8	<10	620	0.9	<2	0.75	<0.5	5	3	2	1.35
K275323		4.03	<0.005	0.3	1.01	18	<10	920	1.0	<2	1.50	0.7	7	12	11	2.62
K275324		3.66	<0.005	<0.2	0.53	11	<10	430	<0.5	<2	1.19	0.8	6	5	4	1.56
K275325		2.65	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	18.3	<0.5	3	1	2	0.38
K275326		2.77	<0.005	0.2	0.46	39	<10	540	<0.5	<2	1.81	1.2	5	4	2	1.53
K275327		3.36	0.097	2.2	0.63	537	<10	630	0.7	2	0.65	3.7	13	5	19	2.70
K275328		2.80	0.027	0.3	0.74	75	<10	520	0.5	<2	1.23	1.9	15	9	6	2.22
K275329		1.90	0.210	2.5	1.18	723	<10	490	0.8	3	0.48	3.5	21	19	29	3.76
K275330		4.64	0.089	0.9	1.37	85	<10	660	0.5	<2	0.65	0.9	8	20	9	3.59
K275331		3.84	0.015	<0.2	0.98	33	<10	720	<0.5	<2	0.43	0.8	8	7	5	2.27
K275332		3.26	0.005	0.4	1.06	74	<10	400	0.5	2	0.61	1.7	11	19	8	3.25
K275333		0.14	1.530	32.6	4.89	145	<10	40	<0.5	6	4.41	31.7	84	56	7200	8.28
K275334		5.78	0.062	0.5	0.74	121	<10	620	0.5	<2	0.30	1.9	8	7	23	2.30
K275335		4.87	0.029	0.5	0.84	91	<10	310	0.5	<2	0.39	0.8	9	9	12	2.23
K275336		2.54	0.031	1.2	0.64	101	<10	1160	0.6	3	0.26	1.8	10	6	18	2.66
K275337		4.04	0.009	0.4	0.78	65	<10	1670	0.9	<2	0.40	1.8	10	6	15	2.74
K275338		4.78	0.010	0.4	0.78	45	<10	280	0.9	<2	0.38	1.2	8	6	11	2.03
K275339		3.05	0.022	0.4	0.75	31	<10	1240	0.9	<2	0.35	1.2	7	7	9	2.02
K275340		4.88	0.007	0.3	0.79	17	<10	1500	1.1	<2	0.39	<0.5	5	7	12	2.31

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 32

CERTIFICATE OF ANALYSIS WH11147707

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275124		<10	<1	0.18	20	0.93	1155	3	0.05	6	830	471	0.08	8	8	66
K275125		10	<1	0.15	20	1.04	810	1	0.07	4	870	298	0.02	5	8	54
K275307		<10	<1	0.13	10	0.58	524	<1	0.08	3	590	21	0.01	<2	4	31
K275308		<10	<1	0.27	40	0.08	1270	2	0.02	3	580	82	0.03	3	7	28
K275309		<10	<1	0.27	30	0.04	531	1	0.01	1	400	33	0.01	3	4	26
K275310		<10	<1	0.25	30	0.05	530	1	0.02	1	490	27	0.01	<2	4	29
K275311		<10	<1	0.27	30	0.05	656	1	0.02	2	520	31	<0.01	2	4	29
K275312		<10	1	0.27	30	0.06	515	<1	0.02	2	520	24	<0.01	2	4	23
K275313		<10	<1	0.26	30	0.06	356	1	0.01	2	470	58	0.01	<2	4	29
K275314		<10	<1	0.26	20	0.05	663	1	0.02	1	520	27	<0.01	3	4	28
K275315		<10	<1	0.28	20	0.05	597	1	0.01	1	520	26	0.01	<2	4	29
K275316		<10	<1	0.25	30	0.04	792	1	0.02	1	500	23	<0.01	<2	4	23
K275317		<10	<1	0.29	20	0.07	521	<1	0.02	1	460	20	<0.01	2	4	76
K275318		<10	<1	0.27	20	0.04	538	<1	0.01	<1	310	23	0.01	<2	3	40
K275319		<10	<1	0.23	20	0.05	957	5	<0.01	1	230	101	0.07	3	3	51
K275320		<10	<1	0.24	10	0.09	456	1	0.03	1	150	41	0.02	2	2	26
K275321		<10	<1	0.30	30	0.16	833	1	0.05	1	590	28	0.01	2	8	51
K275322		<10	<1	0.27	20	0.16	625	<1	0.02	1	350	26	<0.01	<2	4	54
K275323		<10	<1	0.28	30	0.34	1190	1	0.05	3	690	37	0.02	2	10	88
K275324		<10	<1	0.18	20	0.26	991	<1	0.04	1	490	13	0.01	<2	3	34
K275325		<10	<1	0.03	<10	11.75	176	<1	0.01	3	270	<2	<0.01	<2	<1	67
K275326		<10	<1	0.21	10	0.15	1515	<1	0.03	1	580	15	0.02	<2	4	30
K275327		<10	<1	0.25	20	0.14	2230	11	0.02	3	660	245	0.01	7	7	30
K275328		<10	<1	0.19	20	0.35	1265	6	0.05	3	760	29	0.09	<2	8	44
K275329		<10	<1	0.22	20	0.54	1160	7	0.03	4	940	214	0.07	10	10	34
K275330		<10	<1	0.16	30	0.82	1110	1	0.04	3	850	119	0.04	3	9	34
K275331		<10	<1	0.17	30	0.52	682	<1	0.05	3	570	24	0.02	2	5	32
K275332		<10	<1	0.16	20	0.47	1160	2	0.04	5	720	43	0.01	7	9	25
K275333		10	1	0.24	<10	1.13	623	43	0.33	320	680	8250	7.35	30	4	78
K275334		<10	<1	0.18	30	0.18	883	1	0.02	5	580	87	0.01	4	4	19
K275335		<10	<1	0.15	20	0.29	603	1	0.04	4	580	69	<0.01	2	4	23
K275336		<10	<1	0.25	30	0.11	1195	3	0.02	4	600	116	0.03	3	5	21
K275337		<10	<1	0.24	20	0.10	830	2	0.03	5	1080	52	0.03	4	6	40
K275338		<10	<1	0.27	30	0.07	477	1	0.02	4	910	34	<0.01	<2	4	20
K275339		<10	<1	0.25	30	0.07	689	1	0.01	5	790	33	0.02	<2	4	26
K275340		<10	1	0.28	30	0.07	678	1	0.02	6	850	33	0.04	<2	5	26

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 32

CERTIFICATE OF ANALYSIS WH11147707

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275124		<20	0.06	<10	<10	77	<10	251
K275125		<20	0.09	<10	<10	89	<10	175
K275307		<20	0.08	<10	<10	53	<10	74
K275308		20	<0.01	<10	<10	24	<10	185
K275309		<20	<0.01	<10	<10	12	<10	82
K275310		<20	<0.01	<10	<10	15	<10	67
K275311		<20	<0.01	<10	<10	17	<10	66
K275312		<20	<0.01	<10	<10	17	<10	79
K275313		<20	<0.01	<10	<10	12	<10	105
K275314		<20	<0.01	<10	<10	13	<10	67
K275315		<20	<0.01	<10	<10	13	<10	61
K275316		<20	<0.01	<10	<10	12	<10	52
K275317		<20	<0.01	<10	<10	13	<10	46
K275318		<20	<0.01	<10	<10	6	<10	31
K275319		<20	<0.01	<10	<10	8	<10	140
K275320		<20	<0.01	<10	<10	10	<10	47
K275321		<20	<0.01	<10	<10	33	<10	71
K275322		<20	<0.01	<10	<10	18	<10	46
K275323		<20	<0.01	<10	<10	50	<10	93
K275324		<20	0.01	<10	<10	20	<10	60
K275325		<20	<0.01	<10	10	2	<10	13
K275326		<20	<0.01	<10	<10	15	<10	90
K275327		<20	<0.01	<10	<10	29	<10	494
K275328		<20	0.01	<10	<10	43	<10	193
K275329		<20	0.01	<10	<10	67	<10	410
K275330		<20	0.02	<10	<10	71	<10	175
K275331		<20	0.01	<10	<10	37	<10	66
K275332		<20	0.02	<10	<10	68	<10	166
K275333		<20	0.05	<10	<10	315	<10	7280
K275334		<20	0.02	<10	<10	35	<10	146
K275335		<20	0.04	<10	<10	39	<10	107
K275336		<20	0.01	<10	<10	27	<10	318
K275337		<20	<0.01	<10	<10	31	<10	171
K275338		<20	<0.01	<10	<10	24	<10	113
K275339		<20	0.01	<10	<10	27	<10	83
K275340		<20	0.01	<10	<10	30	<10	73

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11147708

Project: Klaza- DDH- 26

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147708

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K271993		8.32	<0.005	<0.2	1.11	7	<10	130	<0.5	2	1.09	<0.5	6	14	8	2.38
K271994		13.31	<0.005	<0.2	1.29	9	<10	230	<0.5	2	1.12	<0.5	5	7	12	2.38
K271995		12.48	<0.005	0.2	1.12	15	<10	170	<0.5	3	1.58	<0.5	6	7	13	2.51
K271996		12.21	<0.005	0.4	1.28	13	<10	150	<0.5	3	1.32	<0.5	6	6	8	2.62
K271997		12.91	<0.005	<0.2	1.21	8	<10	160	<0.5	3	1.12	<0.5	5	8	6	2.48
K271998		11.75	0.009	0.2	1.12	15	<10	150	<0.5	3	1.50	<0.5	5	6	5	2.55
K271999		6.83	0.005	<0.2	1.25	10	<10	120	<0.5	3	1.50	<0.5	3	6	2	2.73
K272000		11.93	0.014	2.4	0.74	58	<10	540	0.5	3	2.67	0.9	4	3	28	2.70
K269501		7.10	<0.005	0.4	0.90	9	<10	310	<0.5	3	1.65	<0.5	6	5	61	2.64
K269502		13.91	0.053	1.8	0.56	114	<10	330	0.6	3	2.24	1.8	5	2	36	2.83
K269503		12.96	<0.005	<0.2	1.05	8	<10	110	<0.5	3	1.34	<0.5	5	6	8	2.47
K269504		11.78	0.007	0.2	1.05	23	<10	130	<0.5	3	1.49	<0.5	6	5	8	2.42
K269505		0.16	1.485	30.9	4.74	141	<10	40	<0.5	<2	4.49	31.1	81	53	6850	7.98
K269506		13.21	<0.005	0.2	1.18	8	<10	130	<0.5	2	1.37	<0.5	6	8	25	2.45
K269507		4.19	0.007	0.3	0.94	19	<10	510	<0.5	4	1.81	<0.5	6	4	10	2.45
K269508		2.01	0.006	0.3	1.00	17	<10	170	<0.5	3	1.37	<0.5	6	5	12	2.42
K269509		9.93	0.018	1.0	0.96	21	<10	310	<0.5	3	1.40	0.5	6	5	15	2.55
K269510		12.44	<0.005	0.9	0.60	12	<10	1020	0.9	3	3.04	<0.5	5	3	13	1.85
K269511		9.69	<0.005	<0.2	0.60	9	<10	1970	0.8	3	3.09	0.5	4	2	4	1.87
K269512		9.20	0.535	24.0	0.46	962	<10	40	0.8	<2	1.74	31.7	6	3	75	2.99
K269513		11.93	0.006	0.3	0.62	18	<10	280	0.6	<2	1.17	<0.5	5	5	14	2.55
K269514		12.27	<0.005	0.2	0.79	8	<10	260	0.5	<2	1.39	<0.5	5	6	10	2.46
K269515		9.78	0.079	1.6	0.72	188	<10	940	0.8	<2	2.34	2.4	6	5	15	2.49
K269516		8.50	0.012	0.6	0.66	17	<10	1050	1.1	<2	2.21	0.6	5	7	12	2.03
K269517		11.63	0.039	1.0	0.74	26	<10	480	1.0	<2	2.83	0.8	5	4	7	2.38
K269518		0.14	1.435	33.3	4.76	145	<10	50	<0.5	18	4.19	31.6	84	55	7220	7.94
K269519		10.89	0.006	0.2	0.53	9	<10	620	0.9	<2	2.72	<0.5	5	3	28	2.17
K269520		4.91	1.865	21.2	0.41	1520	<10	50	1.0	4	1.50	27.1	6	2	78	3.65
K269521		4.12	0.005	<0.2	0.04	10	<10	10	<0.5	2	18.8	<0.5	<1	<1	3	0.38
K269522		5.23	0.308	4.0	0.64	205	<10	760	0.9	<2	2.64	3.7	6	3	21	2.50
K269523		11.50	0.005	0.3	0.86	30	<10	790	0.7	<2	1.71	<0.5	6	4	10	2.53
K269524		3.78	0.937	14.7	0.54	1570	<10	80	0.9	<2	1.89	20.2	6	2	41	3.18
K269525		4.07	<0.005	<0.2	0.06	11	<10	10	<0.5	2	18.8	<0.5	<1	1	1	0.40
K269526		4.31	0.456	5.2	0.83	888	<10	610	0.8	<2	1.73	4.7	5	5	24	2.46
K269527		6.10	0.518	5.3	0.72	666	<10	370	1.1	<2	2.22	6.9	6	3	23	2.59
K269528		2.60	3.79	69.9	0.55	9860	<10	30	0.7	6	1.40	49.9	9	3	262	4.71

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147708

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271993		<10	<1	0.14	10	0.65	444	<1	0.08	19	560	11	0.02	<2	4	40
K271994		<10	<1	0.15	20	0.63	515	1	0.09	2	590	10	0.02	<2	3	39
K271995		<10	<1	0.17	20	0.57	562	1	0.08	2	640	11	0.05	<2	5	56
K271996		10	<1	0.14	20	0.72	577	<1	0.08	1	630	13	0.03	<2	5	42
K271997		<10	<1	0.14	20	0.66	456	<1	0.10	1	590	12	0.02	<2	4	41
K271998		<10	<1	0.16	20	0.59	596	<1	0.07	1	580	11	0.07	<2	4	43
K271999		10	<1	0.15	20	0.73	622	<1	0.07	1	560	10	0.05	<2	5	41
K272000		<10	<1	0.26	20	0.65	1555	<1	0.03	<1	560	50	0.24	5	5	69
K269501		<10	<1	0.17	20	0.63	539	1	0.07	1	560	36	0.11	<2	6	76
K269502		<10	<1	0.25	20	0.57	1300	1	0.02	1	520	93	0.87	5	5	74
K269503		<10	<1	0.13	20	0.62	470	<1	0.07	1	570	8	0.03	<2	5	49
K269504		<10	<1	0.15	20	0.63	508	<1	0.06	1	570	18	0.09	<2	5	54
K269505		10	<1	0.23	10	1.11	600	44	0.33	298	660	7920	7.01	26	4	75
K269506		<10	<1	0.15	20	0.66	460	<1	0.08	1	570	15	0.03	<2	4	54
K269507		<10	<1	0.16	20	0.63	532	<1	0.06	1	560	15	0.07	<2	5	85
K269508		<10	<1	0.16	20	0.61	486	<1	0.07	1	570	10	0.05	<2	5	60
K269509		<10	<1	0.21	20	0.60	586	1	0.08	1	570	34	0.12	2	6	75
K269510		<10	<1	0.28	10	0.69	469	<1	0.02	2	630	25	0.04	<2	4	513
K269511		<10	<1	0.26	10	0.71	508	<1	0.01	2	620	20	0.06	<2	4	441
K269512		<10	1	0.25	10	0.46	1735	5	0.02	6	460	939	2.54	27	3	82
K269513		<10	1	0.17	30	0.45	777	2	0.02	3	610	12	0.08	2	9	67
K269514		<10	<1	0.15	20	0.55	527	1	0.06	2	550	18	0.04	2	6	91
K269515		<10	1	0.24	20	0.64	981	1	0.04	4	550	135	0.33	4	6	161
K269516		<10	<1	0.22	10	0.73	759	<1	0.02	9	490	33	0.12	2	4	189
K269517		<10	<1	0.26	10	0.94	708	<1	0.03	5	590	73	0.12	3	4	224
K269518		10	2	0.23	10	1.08	612	49	0.33	305	650	8090	7.32	30	4	78
K269519		<10	<1	0.25	10	0.88	749	<1	0.02	5	590	18	0.07	2	4	220
K269520		<10	1	0.28	10	0.49	1740	7	0.02	2	470	1845	2.45	15	3	90
K269521		<10	<1	0.02	10	11.50	180	<1	0.03	5	240	4	0.03	<2	<1	59
K269522		<10	1	0.29	20	0.79	1170	2	0.02	3	490	315	0.46	6	5	176
K269523		<10	<1	0.25	30	0.63	1035	1	0.03	2	580	15	0.12	2	8	91
K269524		<10	<1	0.34	10	0.51	2740	3	0.02	2	460	2110	2.29	23	4	89
K269525		<10	1	0.03	10	11.95	190	<1	0.03	5	220	5	0.04	2	<1	60
K269526		<10	<1	0.20	20	0.71	993	2	0.02	5	870	234	0.46	10	4	181
K269527		<10	<1	0.31	10	0.77	1525	3	0.03	5	600	369	0.88	8	4	143
K269528		<10	1	0.30	10	0.49	2690	4	0.03	5	430	3690	3.60	94	3	80

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VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 26

CERTIFICATE OF ANALYSIS WH11147708

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271993		<20	0.10	<10	<10	49	<10	41	<1
K271994		<20	0.14	<10	<10	51	<10	35	<1
K271995		<20	0.09	<10	<10	51	<10	51	<1
K271996		<20	0.08	<10	<10	56	<10	45	1
K271997		<20	0.13	<10	<10	55	<10	38	<1
K271998		<20	0.09	<10	<10	49	<10	38	1
K271999		<20	0.04	<10	<10	46	<10	54	<1
K272000		<20	<0.01	<10	<10	31	<10	107	2
K269501		<20	0.04	<10	<10	41	<10	53	1
K269502		<20	<0.01	<10	<10	25	<10	183	2
K269503		<20	0.06	<10	<10	48	<10	38	<1
K269504		<20	0.08	<10	<10	46	<10	45	1
K269505		<20	0.05	<10	10	305	10	7220	33
K269506		<20	0.09	<10	<10	51	<10	50	<1
K269507		<20	0.03	<10	<10	41	<10	36	<1
K269508		<20	0.05	<10	<10	43	<10	34	<1
K269509		<20	0.03	<10	<10	42	<10	71	1
K269510		<20	<0.01	<10	<10	27	<10	86	1
K269511		<20	<0.01	<10	<10	28	<10	92	1
K269512		<20	<0.01	<10	<10	8	<10	2550	21
K269513		<20	<0.01	<10	<10	37	<10	64	1
K269514		<20	0.02	<10	<10	38	<10	42	1
K269515		<20	<0.01	<10	<10	29	<10	197	2
K269516		<20	<0.01	<10	<10	25	<10	75	1
K269517		<20	<0.01	<10	<10	34	<10	89	1
K269518		<20	0.05	<10	10	307	<10	7460	30
K269519		<20	<0.01	<10	<10	32	<10	71	1
K269520		<20	<0.01	<10	<10	10	<10	2290	22
K269521		<20	<0.01	<10	<10	2	<10	29	1
K269522		<20	<0.01	<10	<10	23	<10	254	4
K269523		<20	<0.01	<10	<10	32	<10	47	<1
K269524		<20	<0.01	<10	<10	10	<10	1450	15
K269525		<20	<0.01	<10	<10	2	<10	26	<1
K269526		<20	<0.01	<10	<10	27	<10	389	5
K269527		<20	<0.01	<10	<10	23	<10	547	6
K269528		<20	<0.01	<10	<10	14	<10	3450	68

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Finalized Date: 17- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11149961

Project: Klaza- DDH- 27

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11149961

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K269630		9.89	0.014		0.4	0.73	22	<10	270	<0.5	<2	2.77	<0.5	11	3	3
K269631		9.78	0.014		0.8	0.74	18	<10	80	<0.5	<2	3.41	<0.5	16	2	2
K269632		6.51	<0.005		0.2	0.90	11	<10	610	0.5	<2	1.47	<0.5	7	3	2
K269633		5.33	0.005		0.2	1.17	12	<10	1330	0.6	<2	0.73	<0.5	7	5	12
K269634		6.63	0.005		0.2	1.73	11	<10	520	0.8	<2	2.29	<0.5	5	6	25
K269635		6.11	0.036		1.1	0.70	121	<10	510	0.9	<2	2.67	3.6	5	4	4
K269636		0.22	3.36		>100	0.18	>10000	<10	10	<0.5	3	0.38	322	1	9	1660
K269637		11.27	<0.005		<0.2	1.34	9	<10	360	0.6	<2	1.99	<0.5	5	7	4
K269638		7.35	<0.005		0.4	0.79	26	<10	480	<0.5	<2	3.00	<0.5	7	3	2
K269639		3.28	<0.005		0.3	0.66	19	<10	460	<0.5	<2	2.70	<0.5	6	4	2
K269640		10.94	0.005		0.5	0.98	18	<10	520	0.5	<2	3.63	<0.5	5	4	1
K269641		4.39	<0.005		0.3	1.41	8	<10	940	0.5	<2	2.47	<0.5	4	5	2
K269642		7.88	0.005		0.7	0.84	13	<10	540	0.5	<2	3.00	0.9	5	4	1
K269643		6.17	<0.005		0.4	1.32	10	<10	840	0.7	<2	2.80	0.5	5	4	4
K269644		4.27	0.155		5.1	0.60	232	<10	120	0.6	<2	1.43	21.4	6	3	23
K269645		2.07	<0.005		<0.2	0.04	8	<10	20	<0.5	<2	18.4	<0.5	<1	1	<1
K269646		7.37	0.017		0.5	0.61	24	<10	310	0.6	<2	2.69	<0.5	5	3	3
K269647		10.05	0.407		6.7	1.03	47	<10	300	0.7	2	2.48	35.3	4	4	86
K269648		8.47	0.009		0.3	1.08	17	<10	180	0.7	2	2.75	<0.5	7	3	8
K269649		7.74	0.108		5.4	0.57	154	<10	80	0.5	2	2.06	11.3	7	3	20
K269650		7.60	0.006		0.3	0.63	11	<10	330	0.6	<2	2.28	<0.5	6	3	2
K269651		9.12	>10.0	8.56	81.1	0.46	>10000	<10	20	0.5	17	1.80	417	4	3	690
K269652		2.83	0.006		<0.2	0.06	20	<10	30	<0.5	<2	19.8	0.6	1	1	3
K269653		10.05	0.188		2.0	0.69	236	<10	90	0.8	2	2.83	6.7	6	3	8
K269654		10.07	0.006		0.3	1.14	12	<10	480	0.8	<2	2.68	<0.5	6	4	2
K269655		5.90	0.014		0.5	1.04	13	<10	110	0.8	<2	2.75	2.1	8	3	5
K269656		5.31	1.295		0.4	0.89	17	<10	110	0.8	<2	1.99	1.1	7	3	4
K269657		3.97	2.21		24.2	0.55	>10000	<10	30	0.6	6	1.48	90.8	6	2	326
K269658		7.65	4.39		10.6	0.48	>10000	<10	30	0.6	3	3.48	59.6	4	3	111
K269659		10.34	0.091		0.8	0.63	163	<10	140	0.8	<2	4.12	4.1	5	3	13
K269660		7.99	0.280		4.1	0.60	220	<10	50	0.6	<2	3.10	20.1	5	3	28
K269661		5.72	0.035		0.2	0.64	91	<10	80	0.7	2	2.57	0.5	7	3	6
K269662		7.01	0.282		4.6	0.68	737	<10	40	0.7	3	3.30	16.9	6	3	69
K269663		9.25	0.023		<0.2	0.82	62	<10	380	0.9	2	2.97	0.6	4	3	16
K269664		0.19	3.34		>100	0.19	>10000	<10	10	<0.5	<2	0.44	348	1	10	1630
K269665		4.89	0.005		0.3	0.78	14	<10	1640	0.7	<2	2.30	0.5	5	4	9

Comments: Additional Au- GRA22 check result for sample K269651 is 9.11 ppm.

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Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11149961

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269630		1.88	<10	<1	0.26	20	0.59	697	<1	0.03	2	570	6	1.01	<2	5
K269631		3.10	<10	1	0.21	10	0.95	1110	<1	0.05	2	660	9	2.07	<2	7
K269632		2.16	<10	<1	0.25	20	0.46	746	<1	0.02	2	610	3	0.48	<2	6
K269633		2.01	<10	<1	0.20	30	0.23	747	<1	0.02	2	660	6	0.18	3	8
K269634		3.12	<10	<1	0.22	30	0.67	571	<1	0.03	1	620	7	0.18	4	7
K269635		2.21	<10	1	0.32	20	0.75	1355	<1	0.02	2	510	270	0.51	4	6
K269636		12.85	<10	1	0.08	<10	0.16	1430	1	0.01	9	130	>10000	>10.0	569	1
K269637		2.83	<10	<1	0.19	20	0.61	486	<1	0.06	1	620	9	0.18	2	8
K269638		2.40	<10	<1	0.33	20	0.65	1045	<1	0.05	1	620	11	0.67	<2	6
K269639		2.17	<10	<1	0.29	20	0.56	909	<1	0.05	1	600	10	0.62	<2	6
K269640		2.40	<10	<1	0.30	30	0.51	928	<1	0.04	1	590	9	0.59	2	6
K269641		2.31	<10	<1	0.29	20	0.68	699	<1	0.05	2	560	11	0.21	2	6
K269642		2.67	<10	<1	0.38	30	0.78	1560	<1	0.03	1	610	92	0.47	<2	5
K269643		2.57	<10	<1	0.33	30	0.55	845	<1	0.03	1	580	53	0.30	<2	5
K269644		3.66	<10	1	0.36	10	0.49	2050	1	0.01	1	430	1720	1.91	7	4
K269645		0.41	<10	1	0.02	10	11.85	192	<1	0.02	3	250	6	0.07	<2	<1
K269646		2.75	<10	<1	0.38	20	0.82	1335	2	0.02	1	540	24	0.95	2	4
K269647		2.71	<10	<1	0.40	20	0.50	1105	<1	0.02	2	570	747	1.04	5	5
K269648		2.85	<10	<1	0.37	20	0.64	699	1	0.04	8	630	13	0.85	<2	5
K269649		3.05	<10	<1	0.39	10	0.59	1345	2	0.01	2	530	1465	2.66	7	3
K269650		2.12	<10	<1	0.40	20	0.71	900	<1	0.02	2	520	12	0.85	<2	5
K269651		4.96	<10	2	0.31	10	0.61	1450	40	0.01	2	290	>10000	5.78	149	2
K269652		0.41	<10	<1	0.03	<10	12.00	199	<1	0.01	<1	250	17	0.02	<2	<1
K269653		2.92	<10	<1	0.40	20	0.90	1310	1	0.01	2	620	439	1.50	5	6
K269654		2.82	<10	1	0.25	20	0.68	647	<1	0.03	2	650	23	0.56	2	8
K269655		3.08	<10	<1	0.33	20	0.87	782	<1	0.02	2	680	93	1.49	<2	8
K269656		2.88	<10	<1	0.31	10	0.62	742	1	0.01	2	590	45	1.46	3	7
K269657		5.62	<10	1	0.36	10	0.54	1330	24	0.02	1	450	5590	4.23	84	3
K269658		3.67	<10	1	0.31	10	1.51	1205	19	0.01	2	290	1955	2.86	53	2
K269659		2.29	<10	1	0.36	20	1.51	1260	3	0.03	2	390	168	1.10	4	4
K269660		2.91	<10	1	0.41	20	0.99	1780	2	0.03	1	410	1310	1.58	6	4
K269661		2.49	<10	1	0.36	20	0.83	876	2	0.03	1	440	39	1.34	2	5
K269662		2.67	<10	1	0.36	20	1.06	1010	3	0.03	1	460	943	1.48	17	5
K269663		2.27	<10	<1	0.43	20	0.94	862	1	0.03	2	450	27	0.75	5	4
K269664		14.5	<10	1	0.08	<10	0.18	1560	<1	0.03	10	130	>10000	>10.0	568	1
K269665		2.33	<10	<1	0.31	10	0.78	705	2	0.01	2	480	16	0.13	<2	4

Comments: Additional Au- GRA22 check result for sample K269651 is 9.11 ppm.

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11149961

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K269630		68	<20	<0.01	<10	<10	15	<10	26	1		
K269631		69	<20	<0.01	<10	<10	18	<10	50	1		
K269632		35	<20	<0.01	<10	<10	22	<10	43	1		
K269633		27	<20	<0.01	<10	<10	29	<10	42	<1		
K269634		68	<20	<0.01	<10	<10	39	<10	52	<1		
K269635		80	<20	<0.01	<10	<10	22	<10	264	2		
K269636		20	<20	<0.01	<10	<10	7	140	>10000	429	3.09	3.51
K269637		67	<20	0.01	<10	<10	44	<10	39	<1		
K269638		74	<20	<0.01	<10	<10	25	<10	56	<1		
K269639		69	<20	<0.01	<10	<10	23	<10	48	<1		
K269640		85	<20	<0.01	<10	<10	23	<10	53	1		
K269641		85	<20	<0.01	<10	<10	33	<10	57	1		
K269642		73	<20	<0.01	<10	<10	22	<10	124	<1		
K269643		94	<20	<0.01	<10	<10	31	<10	87	<1		
K269644		43	<20	<0.01	<10	<10	15	<10	1570	5		
K269645		57	<20	<0.01	<10	<10	2	<10	36	<1		
K269646		62	<20	<0.01	<10	<10	16	<10	75	1		
K269647		71	<20	<0.01	<10	<10	23	<10	3240	6		
K269648		84	20	<0.01	<10	<10	22	<10	61	<1		
K269649		48	<20	<0.01	<10	10	10	<10	835	5		
K269650		63	<20	<0.01	<10	<10	15	<10	42	1		
K269651		38	<20	<0.01	<10	10	7	<10	>10000	73	1.225	2.78
K269652		57	<20	<0.01	<10	10	1	<10	49	<1		
K269653		80	<20	<0.01	<10	<10	19	<10	510	1		
K269654		91	<20	<0.01	<10	<10	37	<10	61	<1		
K269655		81	<20	<0.01	<10	<10	28	<10	164	1		
K269656		60	<20	<0.01	<10	<10	24	<10	112	1		
K269657		33	<20	<0.01	<10	<10	11	<10	6010	20		
K269658		58	<20	<0.01	<10	10	9	<10	3870	9		
K269659		96	<20	<0.01	<10	<10	10	<10	309	1		
K269660		75	20	<0.01	<10	<10	11	<10	1390	6		
K269661		77	20	<0.01	<10	<10	15	<10	69	1		
K269662		103	<20	<0.01	<10	<10	15	<10	1205	4		
K269663		117	20	<0.01	<10	<10	12	<10	75	1		
K269664		20	<20	<0.01	<10	<10	8	150	>10000	406	3.00	3.50
K269665		149	<20	<0.01	<10	<10	23	<10	67	1		

Comments: Additional Au- GRA22 check result for sample K269651 is 9.11 ppm.

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11149962

Project: Klaza- DDH- 28

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11149962

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272951		10.63	<0.005	0.2	1.27	8	<10	340	<0.5	<2	0.81	1.8	6	9	10	2.54
K272952		9.18	<0.005	0.2	1.32	5	<10	400	<0.5	<2	1.02	<0.5	7	9	12	2.61
K272953		5.12	0.375	38.9	0.51	1215	<10	220	0.7	12	1.99	11.8	7	4	388	3.90
K272954		12.45	0.028	0.5	0.79	70	<10	270	0.5	<2	1.67	0.5	6	6	13	2.46
K272955		11.91	<0.005	<0.2	1.16	5	<10	380	<0.5	<2	1.02	<0.5	5	12	7	2.38
K272956		12.68	<0.005	0.6	1.09	18	<10	260	<0.5	<2	0.95	3.0	5	7	10	2.37
K272957		6.54	0.010	2.1	1.02	62	<10	320	<0.5	<2	0.99	7.8	5	6	20	2.45
K272958		14.24	<0.005	0.2	1.19	9	<10	360	<0.5	<2	1.28	<0.5	6	8	7	2.37
K272959		13.47	<0.005	0.2	1.27	5	<10	390	<0.5	<2	0.92	<0.5	5	9	7	2.28
K272960		6.76	<0.005	<0.2	1.26	3	<10	450	<0.5	<2	0.86	<0.5	5	8	6	2.30
K272961		4.49	<0.005	<0.2	0.75	5	<10	390	0.5	<2	2.22	<0.5	5	4	5	2.23
K272962		2.13	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	17.8	<0.5	<1	<1	1	0.37
K272963		12.59	<0.005	<0.2	0.85	7	<10	340	0.5	<2	1.93	<0.5	5	5	4	2.42
K272964		11.77	<0.005	2.0	0.78	6	<10	380	0.5	<2	1.81	<0.5	5	5	6	2.57
K272965		5.76	0.045	1.2	0.71	35	<10	360	0.5	<2	1.64	1.2	5	5	10	2.61
K272966		12.33	<0.005	0.2	0.71	18	<10	240	0.6	<2	1.77	<0.5	5	4	3	2.43
K272967		6.61	<0.005	<0.2	0.75	10	<10	1190	0.6	<2	1.60	<0.5	6	5	10	2.35
K272968		12.18	<0.005	0.4	0.79	13	<10	400	0.5	2	1.41	0.9	5	6	14	2.57
K272969		0.15	1.715	31.1	4.64	143	<10	40	<0.5	19	4.11	29.6	81	53	6900	7.54
K272970		11.90	0.009	0.7	0.65	22	<10	990	0.7	<2	1.31	1.1	6	5	35	2.54
K272971		5.56	<0.005	<0.2	0.88	3	<10	270	0.5	<2	1.56	<0.5	6	6	8	2.42
K272972		4.13	0.346	17.9	0.55	520	<10	170	0.6	3	1.39	72.1	6	4	159	2.87
K272973		12.04	<0.005	0.2	1.11	5	<10	270	<0.5	<2	1.32	0.6	6	7	13	2.46
K272974		11.87	<0.005	0.2	1.19	8	<10	260	<0.5	<2	1.63	<0.5	5	7	12	2.44
K272975		8.09	0.061	1.6	0.68	130	<10	190	0.5	<2	2.29	2.9	9	4	9	2.83
K272976		11.30	0.769	77.7	0.44	5110	<10	40	0.6	2	2.28	27.0	9	3	128	3.61
K272977		2.15	0.007	<0.2	0.05	19	<10	10	<0.5	<2	17.6	<0.5	<1	1	1	0.35
K272978		8.41	<0.005	0.2	1.12	7	<10	280	<0.5	<2	1.11	<0.5	5	8	10	2.41
K272979		12.72	0.066	2.6	0.91	137	<10	290	0.5	<2	1.55	9.1	6	7	22	2.53
K272980		12.29	<0.005	0.2	1.12	10	<10	210	<0.5	2	1.18	<0.5	6	9	15	2.43
K272981		11.92	0.006	0.8	1.02	19	<10	400	0.5	<2	1.32	2.1	6	7	13	2.46
K272982		12.42	<0.005	0.2	1.11	5	<10	260	<0.5	<2	1.04	<0.5	5	9	12	2.34
K272983		0.15	1.395	31.6	4.71	141	<10	40	<0.5	27	4.25	30.0	82	54	6850	7.64
K272984		11.89	<0.005	<0.2	0.89	15	<10	300	<0.5	<2	1.47	<0.5	6	6	10	2.44
K272985		7.30	0.245	5.4	0.69	421	<10	180	0.7	<2	1.89	14.0	8	3	33	2.85
K272986		7.23	<0.005	<0.2	0.81	9	<10	300	<0.5	<2	1.69	<0.5	5	6	7	2.44

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Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11149962

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272951		10	<1	0.22	20	0.64	495	1	0.09	2	610	45	0.01	<2	4	34
K272952		10	<1	0.25	20	0.73	589	1	0.10	1	710	16	0.01	<2	5	41
K272953		<10	1	0.26	20	0.47	1935	2	0.02	1	520	5050	1.59	50	6	50
K272954		<10	<1	0.22	20	0.52	862	1	0.04	3	550	54	0.09	3	6	55
K272955		<10	1	0.23	20	0.59	451	1	0.09	<1	560	10	0.01	<2	5	43
K272956		<10	<1	0.18	20	0.51	528	1	0.06	1	560	108	0.03	<2	4	34
K272957		<10	<1	0.19	20	0.49	628	1	0.05	1	560	437	0.06	2	4	34
K272958		<10	<1	0.22	20	0.59	575	1	0.08	1	540	17	0.05	<2	4	47
K272959		<10	1	0.23	20	0.60	438	1	0.10	1	540	11	<0.01	<2	3	38
K272960		10	1	0.26	20	0.59	415	1	0.10	1	570	11	<0.01	<2	3	37
K272961		<10	1	0.31	20	0.39	663	1	0.04	1	550	7	0.03	<2	5	76
K272962		<10	<1	0.02	<10	11.40	175	<1	0.01	<1	200	<2	<0.01	<2	<1	52
K272963		<10	1	0.25	20	0.55	658	1	0.04	<1	570	9	0.06	<2	6	70
K272964		<10	1	0.20	20	0.47	841	1	0.03	<1	560	13	0.03	2	7	62
K272965		<10	<1	0.22	20	0.50	987	1	0.04	<1	540	100	0.32	2	5	51
K272966		<10	1	0.22	20	0.46	722	1	0.03	1	530	9	0.13	2	5	59
K272967		<10	<1	0.19	20	0.49	636	1	0.03	<1	530	10	0.08	3	7	67
K272968		<10	<1	0.19	20	0.46	935	1	0.03	<1	560	34	0.12	4	7	51
K272969		10	1	0.23	<10	1.04	560	41	0.32	296	630	7620	6.71	24	4	73
K272970		<10	1	0.24	20	0.47	1240	1	0.01	1	550	72	0.31	4	7	41
K272971		<10	<1	0.21	20	0.58	647	1	0.05	1	540	8	0.01	<2	6	61
K272972		<10	1	0.22	20	0.48	1820	1	0.01	1	460	1180	1.26	39	7	35
K272973		<10	1	0.19	20	0.56	643	2	0.04	<1	560	46	0.03	<2	6	49
K272974		<10	<1	0.17	20	0.59	557	1	0.07	<1	540	11	0.01	<2	6	61
K272975		<10	1	0.28	20	0.48	1765	1	0.02	1	560	87	1.24	2	4	66
K272976		<10	1	0.26	10	0.38	2340	3	0.01	1	500	2030	2.81	123	4	69
K272977		<10	<1	0.02	<10	11.25	175	<1	0.01	<1	260	2	0.01	<2	<1	54
K272978		<10	1	0.21	20	0.59	432	1	0.10	<1	560	10	0.01	<2	4	49
K272979		<10	<1	0.23	20	0.57	845	1	0.05	<1	550	292	0.33	5	6	59
K272980		<10	<1	0.18	20	0.63	433	1	0.09	<1	570	8	0.07	<2	5	56
K272981		<10	<1	0.21	20	0.58	649	1	0.06	1	580	143	0.11	<2	5	58
K272982		<10	1	0.19	20	0.62	455	1	0.09	3	590	11	0.02	<2	4	49
K272983		10	1	0.23	<10	1.07	571	41	0.33	295	630	7680	6.85	26	4	75
K272984		<10	<1	0.22	20	0.58	635	1	0.07	<1	580	10	0.08	<2	6	63
K272985		<10	<1	0.26	20	0.54	1530	3	0.01	1	530	349	1.19	13	5	57
K272986		<10	<1	0.22	20	0.65	599	1	0.07	<1	530	7	0.05	<2	6	76

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11149962

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272951		20	0.13	<10	<10	55	<10	105	<1
K272952		20	0.13	<10	<10	58	<10	70	1
K272953		<20	<0.01	<10	<10	23	<10	1245	37
K272954		<20	0.03	<10	<10	36	<10	117	<1
K272955		<20	0.11	<10	<10	50	<10	54	<1
K272956		<20	0.09	<10	<10	46	<10	264	<1
K272957		<20	0.08	<10	<10	44	<10	557	3
K272958		<20	0.11	<10	<10	48	<10	50	1
K272959		<20	0.16	<10	<10	52	<10	40	<1
K272960		<20	0.15	<10	<10	52	<10	43	1
K272961		<20	0.02	<10	<10	28	<10	35	1
K272962		<20	<0.01	<10	<10	1	<10	14	1
K272963		<20	0.02	<10	<10	33	<10	58	<1
K272964		<20	0.02	<10	<10	38	<10	54	2
K272965		<20	0.03	<10	<10	32	<10	153	2
K272966		<20	<0.01	<10	<10	28	<10	48	1
K272967		<20	0.02	<10	<10	37	<10	53	<1
K272968		<20	0.02	<10	<10	37	<10	141	3
K272969		<20	0.05	<10	<10	301	<10	7020	30
K272970		<20	0.01	<10	<10	29	<10	169	1
K272971		20	0.03	<10	<10	38	<10	41	1
K272972		<20	<0.01	<10	<10	25	<10	7020	19
K272973		<20	0.04	<10	<10	44	<10	114	<1
K272974		<20	0.05	<10	<10	45	<10	56	2
K272975		<20	0.01	<10	<10	19	<10	256	2
K272976		<20	<0.01	<10	<10	12	<10	2730	81
K272977		<20	<0.01	<10	<10	1	<10	26	1
K272978		<20	0.10	<10	<10	50	<10	37	1
K272979		<20	0.04	<10	<10	40	<10	651	3
K272980		<20	0.08	<10	<10	49	<10	37	1
K272981		<20	0.06	<10	<10	44	<10	161	2
K272982		<20	0.10	<10	<10	50	<10	37	1
K272983		<20	0.05	<10	<10	303	<10	7000	31
K272984		<20	0.05	<10	<10	41	<10	38	1
K272985		<20	<0.01	<10	<10	22	<10	1035	6
K272986		<20	0.03	<10	<10	38	<10	37	1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11149963

Project: Klaza- DDH- 24

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11149963

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272636		1.74	0.044	1.9	0.52	58	<10	200	0.7	<2	2.61	10.3	8	7	95	2.84
K272637		3.48	0.006	0.6	0.68	30	<10	270	0.7	<2	2.72	0.5	5	3	44	3.40
K272638		2.88	<0.005	0.2	1.19	15	<10	770	<0.5	<2	1.46	1.2	8	8	21	2.56
K272639		0.18	1.630	29.5	4.57	140	<10	40	<0.5	22	4.17	28.9	78	51	6540	7.40
K272640		4.11	<0.005	<0.2	1.34	13	<10	680	0.5	<2	1.96	<0.5	9	8	37	2.75
K272641		3.14	<0.005	<0.2	1.35	5	<10	480	<0.5	<2	1.35	<0.5	8	10	10	3.39
K272642		2.23	<0.005	<0.2	1.17	6	<10	400	<0.5	<2	1.14	0.5	7	8	6	2.42
K272643		2.90	0.006	0.9	0.85	27	<10	290	<0.5	<2	1.73	1.9	8	6	38	3.57
K272644		5.68	0.005	0.4	1.08	10	<10	480	<0.5	<2	1.20	<0.5	10	8	24	2.89
K272645		3.68	0.014	2.3	1.14	31	<10	390	<0.5	<2	1.92	1.3	8	7	207	3.33
K272646		2.48	<0.005	<0.2	0.03	3	<10	20	<0.5	<2	18.6	<0.5	2	1	4	0.35
K272647		3.55	0.008	0.8	1.09	16	<10	360	<0.5	<2	1.72	2.0	9	7	14	3.31
K272648		4.60	<0.005	0.4	1.32	8	<10	350	<0.5	<2	1.54	<0.5	5	9	13	2.92
K272649		5.01	<0.005	<0.2	1.20	3	<10	540	<0.5	<2	1.00	<0.5	5	10	7	2.57
K272650		2.12	<0.005	<0.2	1.20	2	<10	500	<0.5	2	1.05	<0.5	5	9	6	2.55
K272651		3.74	<0.005	<0.2	1.24	4	<10	390	<0.5	<2	1.13	<0.5	6	10	6	2.63
K272652		4.51	<0.005	<0.2	1.11	4	<10	470	<0.5	<2	1.17	<0.5	5	10	4	2.56
K272653		2.42	0.119	3.8	0.52	537	<10	230	0.6	<2	2.19	48.6	4	4	52	3.70
K272654		3.56	<0.005	0.6	0.83	15	<10	420	<0.5	<2	1.67	4.1	6	7	11	3.01
K272655		3.24	0.209	2.9	0.54	1950	<10	30	<0.5	6	1.08	3.1	7	4	40	6.33
K272656		2.27	<0.005	<0.2	0.05	17	<10	10	<0.5	<2	19.5	<0.5	<1	1	3	0.38
K272657		1.94	<0.005	0.3	1.06	8	<10	520	<0.5	<2	1.37	1.0	6	8	8	2.89
K272658		1.80	0.044	1.7	0.55	130	<10	140	0.5	2	2.32	10.6	6	5	27	3.74
K272659		3.95	<0.005	0.6	1.07	19	<10	590	<0.5	<2	1.15	4.5	7	9	11	2.98
K272660		2.63	<0.005	0.3	0.88	9	<10	940	0.5	<2	2.14	0.6	7	6	20	2.79
K272661		7.55	<0.005	0.2	1.07	23	<10	540	<0.5	<2	1.41	<0.5	6	9	16	2.72
K272662		3.12	0.007	0.5	0.79	18	<10	490	0.5	<2	1.89	1.7	7	6	15	2.97
K272663		4.12	<0.005	<0.2	1.18	4	<10	590	<0.5	<2	1.29	<0.5	6	9	9	2.74
K272664		3.99	<0.005	0.2	1.18	4	<10	590	<0.5	<2	1.33	<0.5	6	10	42	2.75
K272665		2.88	1.370	24.7	0.47	3530	<10	20	0.5	36	2.77	20.6	9	3	105	5.65
K272666		2.44	0.007	0.4	1.02	33	<10	210	0.6	<2	2.17	<0.5	6	5	10	2.54
K272667		0.17	1.455	32.8	4.61	134	<10	40	<0.5	13	4.50	30.3	79	54	6730	7.96
K272668		2.94	0.014	0.6	0.83	34	<10	480	0.8	<2	2.45	1.0	9	4	22	3.31
K272669		4.06	<0.005	0.2	1.08	12	<10	290	0.7	<2	2.48	<0.5	8	5	7	2.83
K272670		3.23	0.006	0.4	0.91	130	<10	550	0.6	<2	1.94	0.6	6	5	17	3.10
K272671		6.65	<0.005	0.3	1.01	10	<10	580	<0.5	<2	1.68	<0.5	6	8	8	2.81

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VANCOUVER BC V6B 1L8

Finalized Date: 10- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11149963

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272636		<10	<1	0.31	10	0.87	1150	2	0.02	3	500	250	0.83	5	5	91
K272637		<10	<1	0.32	10	0.92	1220	6	0.02	1	530	47	0.79	5	5	92
K272638		<10	<1	0.38	20	0.77	512	8	0.09	<1	620	9	0.16	2	5	65
K272639		<10	2	0.22	<10	1.04	559	41	0.32	283	620	7490	6.55	23	4	73
K272640		<10	1	0.36	20	0.68	657	5	0.06	2	610	13	0.14	<2	6	99
K272641		<10	1	0.31	20	0.71	550	4	0.11	1	610	8	0.05	<2	6	74
K272642		<10	1	0.27	20	0.61	504	2	0.09	1	570	15	0.10	<2	5	67
K272643		<10	1	0.34	20	0.81	1830	2	0.06	<1	600	63	0.60	3	5	80
K272644		<10	<1	0.30	20	0.66	936	2	0.09	1	580	24	0.35	<2	5	67
K272645		<10	<1	0.33	20	0.76	1330	2	0.06	<1	610	120	0.63	2	6	100
K272646		<10	<1	0.02	<10	11.65	177	1	0.02	<1	210	<2	0.02	<2	<1	53
K272647		<10	<1	0.30	20	0.74	1080	2	0.07	<1	590	144	0.61	<2	5	85
K272648		<10	<1	0.23	20	0.77	927	1	0.07	2	610	56	0.24	<2	5	73
K272649		<10	<1	0.29	20	0.68	445	1	0.12	1	600	7	0.03	<2	5	56
K272650		<10	<1	0.28	20	0.68	453	1	0.13	2	600	7	0.03	<2	4	60
K272651		10	<1	0.23	20	0.70	551	1	0.11	1	630	8	0.03	<2	4	55
K272652		<10	<1	0.25	20	0.66	456	1	0.11	1	600	8	0.04	<2	5	65
K272653		<10	<1	0.31	10	0.78	1655	1	0.01	1	490	250	1.28	4	4	81
K272654		<10	<1	0.32	20	0.73	958	1	0.06	2	610	192	0.22	<2	6	102
K272655		<10	<1	0.32	10	0.45	1350	2	0.01	<1	490	109	4.98	7	3	45
K272656		<10	<1	0.03	<10	11.80	176	<1	0.01	1	220	2	0.02	<2	<1	57
K272657		<10	<1	0.34	20	0.70	658	1	0.09	1	620	72	0.31	<2	5	70
K272658		<10	<1	0.31	10	0.77	1090	1	0.02	1	530	417	1.42	<2	5	109
K272659		<10	<1	0.35	20	0.71	609	1	0.11	1	590	224	0.32	<2	7	75
K272660		<10	<1	0.27	20	0.72	981	1	0.02	3	630	56	0.12	<2	7	97
K272661		<10	<1	0.30	20	0.65	678	1	0.09	1	580	20	0.09	<2	6	78
K272662		<10	<1	0.25	20	0.63	782	2	0.04	2	590	105	0.44	<2	7	92
K272663		<10	<1	0.33	20	0.69	621	4	0.10	2	610	10	0.06	<2	6	70
K272664		<10	<1	0.31	20	0.71	620	3	0.11	1	580	9	0.05	<2	7	82
K272665		<10	<1	0.29	10	0.85	4060	4	0.01	1	470	2720	4.53	28	4	66
K272666		<10	<1	0.23	20	0.61	991	1	0.01	1	690	18	0.10	<2	10	79
K272667		10	<1	0.23	<10	1.11	605	42	0.34	295	640	7900	6.79	22	4	75
K272668		<10	<1	0.27	20	0.77	1810	2	0.01	5	600	68	0.35	<2	7	109
K272669		<10	<1	0.27	20	0.76	1175	2	0.01	1	650	26	0.15	<2	8	123
K272670		<10	<1	0.32	20	0.73	1260	1	0.05	1	630	34	0.18	<2	7	106
K272671		<10	<1	0.31	20	0.71	1360	1	0.09	1	610	25	0.05	<2	7	103

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Finalized Date: 10- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11149963

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272636		<20	<0.01	<10	<10	19	<10	945	2
K272637		<20	<0.01	<10	<10	23	<10	108	1
K272638		<20	0.11	<10	<10	53	<10	161	<1
K272639		<20	0.05	<10	<10	286	<10	7020	30
K272640		<20	0.08	<10	<10	52	<10	79	<1
K272641		<20	0.09	<10	<10	59	30	41	1
K272642		<20	0.07	<10	<10	48	<10	86	<1
K272643		<20	0.03	<10	<10	38	<10	219	2
K272644		<20	0.09	<10	<10	49	<10	68	1
K272645		<20	0.03	<10	<10	44	<10	177	4
K272646		<20	<0.01	<10	<10	1	<10	17	<1
K272647		<20	0.03	<10	<10	39	<10	271	1
K272648		<20	0.06	<10	<10	50	<10	94	<1
K272649		<20	0.14	<10	<10	59	<10	31	<1
K272650		<20	0.14	<10	<10	58	<10	30	<1
K272651		<20	0.14	<10	<10	59	<10	34	<1
K272652		<20	0.10	<10	<10	53	<10	30	<1
K272653		<20	<0.01	<10	<10	21	<10	3330	3
K272654		<20	0.04	<10	<10	42	<10	329	<1
K272655		<20	<0.01	<10	<10	18	<10	282	4
K272656		<20	<0.01	<10	<10	2	<10	18	<1
K272657		<20	0.10	<10	<10	53	<10	109	1
K272658		<20	<0.01	<10	<10	26	<10	793	2
K272659		<20	0.07	<10	<10	51	<10	368	1
K272660		<20	0.03	<10	<10	42	<10	87	1
K272661		<20	0.08	<10	<10	51	<10	65	1
K272662		<20	0.02	<10	<10	38	<10	184	<1
K272663		<20	0.10	<10	<10	57	<10	42	<1
K272664		<20	0.07	<10	<10	54	<10	38	<1
K272665		<20	<0.01	<10	<10	14	<10	1790	24
K272666		<20	0.02	<10	<10	41	<10	51	1
K272667		<20	0.05	<10	10	304	<10	7090	31
K272668		<20	<0.01	<10	<10	29	<10	122	1
K272669		<20	0.01	<10	<10	36	<10	45	<1
K272670		<20	0.03	<10	<10	39	<10	98	1
K272671		<20	0.05	<10	<10	46	<10	59	1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11149964

Project: Klaza- DDH- 24

P.O. No.: Batch 6

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11149964

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272672		6.57	<0.005	<0.2	1.21	2	<10	590	<0.5	2	1.35	<0.5	7	11	6	2.72
K272673		8.27	<0.005	<0.2	1.31	<2	<10	500	<0.5	<2	1.00	<0.5	6	10	4	2.47
K272674		0.17	1.370	33.1	4.80	138	<10	40	<0.5	5	4.53	31.6	88	55	6760	8.08
K272675		4.60	<0.005	<0.2	0.88	7	<10	700	0.6	2	1.99	3.7	6	7	15	2.85
K272676		5.19	<0.005	<0.2	1.32	<2	<10	540	<0.5	<2	1.27	<0.5	7	10	8	2.71
K272677		6.18	<0.005	<0.2	1.17	<2	<10	490	<0.5	<2	1.51	<0.5	7	8	6	2.65
K272678		1.72	0.129	0.6	0.90	219	<10	350	0.7	<2	1.64	6.1	14	5	12	3.43
K272679		4.31	<0.005	<0.2	1.08	3	<10	700	0.7	<2	1.99	<0.5	8	6	9	3.12
K272680		6.77	<0.005	<0.2	0.74	2	<10	1270	0.8	2	2.15	<0.5	4	3	3	1.94
K272681		3.06	<0.005	<0.2	0.73	<2	<10	1940	0.8	3	2.28	<0.5	4	3	8	2.00
K272682		2.59	<0.005	<0.2	0.90	2	<10	340	1.0	<2	2.76	<0.5	4	4	3	1.97
K272683		5.08	<0.005	<0.2	1.26	2	<10	530	<0.5	<2	1.26	<0.5	7	8	5	2.84
K272684		4.03	<0.005	0.2	1.35	5	<10	470	<0.5	<2	1.26	1.3	7	10	10	2.70
K272685		4.67	<0.005	<0.2	1.15	4	<10	500	<0.5	<2	1.46	<0.5	7	8	7	2.66

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Finalized Date: 10- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11149964

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272672		<10	1	0.32	20	0.69	925	2	0.12	2	580	13	0.03	2	6	77
K272673		10	1	0.30	20	0.67	457	2	0.13	3	580	10	0.02	<2	4	49
K272674		10	1	0.23	10	1.11	603	45	0.32	309	650	8110	6.58	25	4	72
K272675		<10	<1	0.26	20	0.53	971	2	0.04	3	590	91	0.19	2	7	77
K272676		10	1	0.32	20	0.67	467	2	0.13	3	620	14	0.03	2	5	61
K272677		10	1	0.28	20	0.65	514	2	0.09	3	610	11	0.05	<2	6	71
K272678		<10	1	0.38	20	0.63	2240	3	0.05	3	570	204	0.56	7	6	77
K272679		<10	1	0.25	20	0.71	847	2	0.02	3	690	26	0.08	3	10	86
K272680		<10	1	0.31	30	0.67	728	3	0.02	2	870	35	0.07	2	4	115
K272681		<10	1	0.30	30	0.72	812	3	0.02	2	860	38	0.08	3	4	124
K272682		<10	<1	0.37	30	0.58	587	1	0.04	1	850	22	0.02	<2	4	334
K272683		10	<1	0.33	20	0.66	555	<1	0.10	1	620	12	0.02	<2	7	73
K272684		10	<1	0.30	20	0.73	567	<1	0.14	1	620	34	0.04	<2	5	72
K272685		<10	<1	0.27	20	0.70	600	<1	0.10	1	610	11	0.04	<2	6	84

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Finalized Date: 10- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11149964

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272672		<20	0.09	<10	<10	54	<10	45	<1
K272673		<20	0.16	<10	<10	58	<10	31	<1
K272674		<20	0.05	<10	<10	309	30	7770	31
K272675		<20	0.03	<10	<10	41	<10	346	<1
K272676		<20	0.15	<10	<10	61	<10	50	<1
K272677		<20	0.09	<10	<10	55	<10	36	<1
K272678		<20	0.02	<10	<10	34	<10	554	1
K272679		<20	0.01	<10	<10	45	<10	77	<1
K272680		<20	<0.01	<10	<10	16	<10	73	<1
K272681		<20	<0.01	<10	<10	18	<10	68	<1
K272682		<20	<0.01	<10	<10	17	<10	63	1
K272683		<20	0.09	<10	<10	57	<10	50	<1
K272684		<20	0.13	<10	<10	60	<10	121	<1
K272685		<20	0.08	<10	<10	53	<10	48	<1

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Finalized Date: 11- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11149965

Project: Klaza- DDH- 30

P.O. No.: Batch 1

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 30

CERTIFICATE OF ANALYSIS WH11149965

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270146		7.81	<0.005	1.6	1.16	12	<10	350	<0.5	4	1.71	<0.5	3	8	41	2.97
K270147		2.73	<0.005	0.3	0.57	17	<10	700	0.6	<2	2.03	<0.5	3	4	7	2.93
K270148		2.85	<0.005	<0.2	1.18	6	<10	220	<0.5	<2	1.50	<0.5	3	7	5	2.84
K270149		5.34	<0.005	0.2	1.28	6	<10	340	<0.5	<2	1.91	<0.5	4	7	10	2.76
K270150		5.02	<0.005	0.3	1.24	23	<10	160	<0.5	<2	1.50	<0.5	5	8	23	2.63
K270151		4.73	0.294	2.8	1.04	16	<10	310	<0.5	26	1.44	<0.5	6	7	46	2.57
K270152		4.01	<0.005	0.2	1.02	15	<10	330	<0.5	<2	1.42	<0.5	5	7	13	2.68
K270153		3.91	<0.005	0.6	1.08	15	<10	250	0.6	<2	2.13	<0.5	5	6	30	2.62
K270154		0.10	1.360	33.6	4.75	139	<10	30	<0.5	11	4.59	31.1	81	56	6990	8.14
K270155		4.88	<0.005	0.6	1.12	19	<10	260	0.5	<2	1.39	<0.5	9	7	81	2.59
K270156		3.13	0.016	0.5	0.99	49	<10	90	0.6	2	2.18	<0.5	6	5	54	2.78
K270157		4.18	0.010	0.2	0.98	6	<10	1050	0.7	38	1.80	<0.5	2	5	8	2.91
K270158		4.66	0.011	0.5	0.60	28	<10	1850	0.6	<2	2.85	<0.5	2	3	8	2.58
K270159		2.31	0.025	1.0	0.65	26	<10	1370	0.6	<2	2.43	1.5	3	4	17	2.47
K270160		1.32	0.011	0.2	1.23	8	<10	230	0.5	<2	1.70	<0.5	4	6	13	2.40
K270161		0.09	1.445	30.4	4.57	135	<10	40	<0.5	15	4.24	29.8	79	53	6480	7.57
K270162		4.06	0.033	0.7	0.78	29	<10	780	0.6	<2	2.67	1.2	4	4	42	2.33
K270163		4.68	0.012	1.1	0.67	10	<10	530	0.6	<2	2.66	4.1	3	3	4	2.13
K270164		1.34	0.033	2.6	0.49	177	<10	480	0.8	2	1.45	28.2	12	2	38	3.27
K270165		2.96	0.011	0.4	0.37	10	<10	1390	<0.5	<2	3.25	<0.5	1	2	1	1.66
K270166		2.31	0.009	<0.2	0.05	2	<10	30	<0.5	<2	18.1	<0.5	1	1	1	0.38
K270167		2.25	0.015	0.5	0.45	60	<10	550	<0.5	<2	3.87	1.2	4	2	5	2.19
K270168		2.83	0.047	3.5	0.48	152	<10	150	0.5	2	3.27	6.9	7	3	44	2.49
K270169		4.57	0.024	0.6	0.65	15	<10	430	0.6	<2	3.37	0.9	4	5	5	2.29
K270170		2.29	0.283	17.5	0.89	536	<10	100	0.9	7	2.43	15.0	12	3	192	3.67
K270171		3.19	0.011	<0.2	0.06	3	<10	10	<0.5	<2	18.3	<0.5	1	1	2	0.35
K270172		6.47	<0.005	0.6	0.97	30	<10	270	<0.5	13	1.41	2.4	5	7	14	2.34
K270173		7.35	<0.005	0.3	1.12	13	<10	470	<0.5	2	1.11	<0.5	5	9	13	2.43
K270174		6.82	<0.005	0.3	1.12	16	<10	470	<0.5	<2	1.32	<0.5	7	9	31	2.50
K270175		7.26	<0.005	<0.2	1.07	7	<10	410	<0.5	<2	1.24	<0.5	6	8	9	2.48
K270176		3.50	<0.005	0.3	1.04	7	<10	390	<0.5	<2	1.39	0.7	6	8	13	2.59
K270177		6.34	<0.005	0.5	1.28	5	<10	320	<0.5	<2	1.37	<0.5	5	10	15	2.58
K270178		7.46	<0.005	<0.2	1.31	3	<10	450	<0.5	<2	1.01	<0.5	6	10	7	2.38
K270179		5.06	<0.005	<0.2	1.30	6	<10	420	<0.5	<2	1.11	<0.5	6	11	12	2.42
K270180		6.12	<0.005	0.2	1.23	2	<10	320	<0.5	<2	1.25	<0.5	6	11	8	2.40

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Finalized Date: 11- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 30

CERTIFICATE OF ANALYSIS WH11149965

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270146		<10	<1	0.22	20	0.58	873	<1	0.04	1	600	13	0.16	<2	5	55
K270147		<10	<1	0.26	20	0.39	1020	1	0.01	1	580	8	0.37	<2	5	55
K270148		10	<1	0.20	20	0.67	688	<1	0.05	1	590	6	0.10	<2	5	58
K270149		<10	<1	0.22	20	0.67	716	<1	0.04	1	580	5	0.09	<2	5	74
K270150		10	<1	0.19	20	0.66	601	<1	0.05	1	560	11	0.13	<2	4	54
K270151		<10	<1	0.23	20	0.66	545	<1	0.06	<1	550	29	0.21	<2	4	52
K270152		<10	<1	0.22	20	0.54	565	1	0.06	1	570	7	0.12	<2	6	64
K270153		<10	<1	0.22	20	0.55	589	1	0.03	1	540	9	0.12	<2	6	81
K270154		10	1	0.23	<10	1.15	619	42	0.35	308	650	8040	6.96	21	4	77
K270155		<10	<1	0.19	20	0.51	448	<1	0.04	2	570	11	0.14	2	6	53
K270156		<10	<1	0.22	20	0.53	1105	1	0.02	1	560	18	0.26	3	5	72
K270157		<10	<1	0.25	30	0.55	827	<1	0.01	1	640	12	0.08	2	6	71
K270158		<10	1	0.22	20	0.75	1000	<1	0.03	1	550	27	0.16	<2	5	115
K270159		<10	<1	0.24	20	0.55	963	1	0.02	<1	490	94	0.23	<2	4	85
K270160		<10	<1	0.16	20	0.56	597	1	0.01	<1	560	7	0.06	<2	5	58
K270161		10	1	0.22	10	1.05	568	37	0.31	288	610	7600	6.67	24	4	72
K270162		<10	<1	0.21	20	0.54	919	1	0.02	1	520	191	0.33	2	5	98
K270163		<10	1	0.23	20	0.44	969	1	0.02	1	470	83	0.17	<2	3	90
K270164		<10	1	0.25	20	0.45	3130	2	0.01	<1	410	706	0.50	9	3	45
K270165		<10	<1	0.25	10	0.65	1915	1	0.02	<1	210	29	0.20	<2	1	103
K270166		<10	<1	0.03	<10	11.30	178	<1	0.02	1	300	2	0.02	<2	<1	49
K270167		<10	<1	0.24	20	0.60	2170	5	0.02	<1	390	41	0.50	<2	2	84
K270168		<10	1	0.26	20	0.57	2480	6	0.01	1	460	385	1.00	11	3	84
K270169		<10	<1	0.13	20	0.91	941	1	0.02	1	690	53	0.12	<2	5	116
K270170		<10	1	0.23	10	0.74	976	6	0.02	2	620	1350	2.38	46	4	74
K270171		<10	<1	0.03	10	11.40	166	1	0.02	<1	270	4	0.02	<2	<1	52
K270172		<10	<1	0.21	20	0.58	568	1	0.06	1	500	133	0.11	2	4	58
K270173		<10	1	0.28	20	0.63	520	1	0.09	1	570	21	0.08	<2	4	48
K270174		<10	1	0.24	20	0.65	516	1	0.09	1	590	10	0.18	<2	4	53
K270175		<10	<1	0.26	20	0.61	591	1	0.09	1	610	16	0.04	<2	5	55
K270176		<10	<1	0.25	20	0.63	668	1	0.08	1	640	37	0.07	<2	5	59
K270177		10	<1	0.21	20	0.68	555	1	0.09	1	580	12	0.03	<2	5	55
K270178		<10	<1	0.28	20	0.62	431	1	0.12	1	590	14	0.02	<2	4	44
K270179		<10	1	0.28	20	0.64	446	1	0.13	4	570	8	0.02	<2	5	46
K270180		<10	1	0.22	20	0.65	448	1	0.10	2	590	7	0.01	<2	4	46

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VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 30

CERTIFICATE OF ANALYSIS WH11149965

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270146		<20	0.02	<10	<10	39	<10	59	2
K270147		<20	<0.01	<10	<10	29	<10	43	<1
K270148		<20	0.03	<10	<10	47	<10	44	<1
K270149		<20	0.02	<10	<10	43	<10	43	<1
K270150		<20	0.05	<10	<10	46	<10	46	1
K270151		<20	0.08	<10	<10	46	<10	41	3
K270152		20	0.04	<10	<10	45	<10	42	<1
K270153		20	0.02	<10	<10	39	<10	40	1
K270154		<20	0.06	<10	10	314	<10	7280	32
K270155		<20	0.05	<10	<10	47	<10	54	1
K270156		<20	<0.01	<10	<10	32	<10	63	<1
K270157		<20	0.01	<10	<10	37	<10	53	<1
K270158		<20	<0.01	<10	<10	25	<10	103	<1
K270159		<20	<0.01	<10	<10	20	<10	213	2
K270160		<20	0.01	<10	<10	37	<10	57	<1
K270161		<20	0.05	<10	<10	296	<10	7290	31
K270162		<20	<0.01	<10	<10	29	<10	202	1
K270163		<20	<0.01	<10	<10	19	<10	455	1
K270164		<20	<0.01	<10	<10	13	<10	2640	3
K270165		20	<0.01	<10	<10	6	<10	89	1
K270166		<20	<0.01	<10	<10	2	<10	18	<1
K270167		<20	<0.01	<10	<10	11	<10	254	<1
K270168		<20	<0.01	<10	<10	14	<10	808	4
K270169		<20	<0.01	<10	<10	28	<10	131	1
K270170		<20	<0.01	<10	10	19	<10	1215	18
K270171		<20	<0.01	<10	<10	2	<10	21	<1
K270172		<20	0.04	<10	<10	38	<10	319	1
K270173		<20	0.12	<10	<10	52	<10	63	1
K270174		<20	0.11	<10	<10	52	<10	42	<1
K270175		<20	0.09	<10	<10	51	<10	50	1
K270176		<20	0.08	<10	<10	51	<10	107	<1
K270177		<20	0.09	<10	<10	52	<10	43	<1
K270178		<20	0.16	<10	<10	57	<10	64	<1
K270179		<20	0.15	<10	<10	58	<10	39	<1
K270180		<20	0.14	<10	<10	57	<10	36	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150075

Project: Klaza TR- 34

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150075

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275361		5.96	0.193	2.9	0.68	148	<10	1320	0.8	4	0.22	0.9	9	7	104	3.18
K275362		5.23	0.022	0.4	1.51	31	<10	740	0.9	<2	0.36	<0.5	7	7	38	3.14
K275363		4.88	0.073	0.8	0.73	134	<10	1020	0.7	2	0.24	0.8	8	7	60	2.97
K275364		5.43	0.039	0.7	1.05	52	<10	670	0.7	<2	0.25	0.5	7	7	64	2.88
K275365		3.83	0.021	0.2	0.81	27	<10	520	0.6	<2	0.24	<0.5	7	6	37	2.71
K275366		3.41	0.009	0.2	0.83	15	<10	650	0.8	<2	0.27	<0.5	7	6	27	3.08
K275367		4.51	<0.005	0.5	0.70	33	<10	770	0.8	<2	0.23	0.6	8	4	51	3.02
K275368		3.47	0.042	0.9	0.64	42	<10	1180	0.7	<2	0.23	1.0	8	6	76	2.95
K275369		5.72	0.010	0.5	1.03	32	<10	950	0.7	<2	0.27	0.9	8	6	36	3.10
K275370		5.81	0.012	0.2	1.06	26	<10	530	0.6	<2	0.26	0.6	8	8	36	3.07
K275371		6.00	0.036	1.2	0.95	92	<10	630	0.7	3	0.27	0.7	9	9	100	3.13
K275372		5.30	0.009	0.3	0.74	38	<10	490	0.6	<2	0.24	<0.5	7	8	46	2.86
K275373		5.39	0.008	0.5	0.61	51	<10	620	0.7	<2	0.21	0.5	7	6	48	2.81
K275374		5.27	0.015	0.7	0.85	58	<10	530	0.6	2	0.26	0.5	8	8	38	2.82
K275375		4.78	0.006	0.2	0.65	58	<10	360	0.7	<2	0.21	1.0	8	6	23	3.09
K275376		3.00	0.012	0.3	0.84	62	<10	400	0.7	<2	0.24	1.2	8	9	27	3.06
K275377		4.47	0.012	0.3	0.70	42	<10	400	0.6	<2	0.26	0.6	7	8	20	2.58
K275378		2.64	<0.005	<0.2	0.06	19	<10	20	<0.5	<2	19.0	<0.5	1	4	2	0.40
K275379		5.89	0.007	0.4	0.86	28	<10	620	0.6	<2	0.32	0.8	8	9	21	2.79
K275380		5.33	<0.005	0.3	0.94	34	<10	540	0.7	2	0.29	0.9	9	8	30	2.88
K275381		4.60	<0.005	0.2	0.63	17	<10	450	0.6	<2	0.21	0.8	8	6	22	2.58
K275382		4.16	0.011	0.2	0.73	19	<10	320	0.5	<2	0.24	0.5	7	8	16	2.29
K275383		4.80	<0.005	<0.2	0.66	9	<10	420	0.5	<2	0.23	<0.5	6	8	12	2.26
K275384		4.51	<0.005	<0.2	0.68	14	<10	420	0.6	<2	0.25	<0.5	7	8	14	2.50
K275385		3.61	<0.005	0.3	1.08	18	<10	550	0.6	<2	0.32	0.6	8	12	20	2.62
K275386		6.32	0.011	0.3	1.04	20	<10	430	0.6	<2	0.28	0.7	8	11	19	2.61
K275387		6.08	<0.005	<0.2	0.73	17	<10	470	0.6	<2	0.25	0.9	7	8	19	2.44
K275388		3.18	<0.005	0.4	0.73	11	<10	830	1.1	<2	0.22	0.8	7	5	24	2.19
K275389		2.53	<0.005	0.3	0.76	10	<10	970	0.8	<2	0.16	0.9	4	4	14	1.54
K275390		5.92	<0.005	0.2	0.89	9	<10	1390	1.1	<2	0.35	<0.5	5	7	9	1.90
K275391		6.71	<0.005	<0.2	0.94	3	<10	840	1.0	<2	0.85	<0.5	6	12	8	2.37
K275392		0.13	1.465	32.1	4.67	141	<10	40	<0.5	2	4.07	31.8	84	56	7020	8.11
K275393		7.12	0.005	<0.2	0.98	<2	<10	1120	1.1	<2	0.85	<0.5	6	11	18	2.18
K275394		6.33	<0.005	<0.2	0.92	<2	<10	990	1.0	<2	0.50	<0.5	5	12	6	2.08
K275395		7.56	<0.005	<0.2	1.01	2	<10	890	1.0	<2	0.47	<0.5	5	13	6	2.20
K275396		6.46	<0.005	<0.2	1.11	<2	<10	570	0.9	<2	0.32	<0.5	5	13	8	2.20

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150075

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275361		<10	<1	0.21	20	0.06	3230	3	0.02	5	600	49	0.04	25	8	27
K275362		<10	1	0.28	20	0.29	1120	1	0.03	3	670	17	0.01	7	9	19
K275363		<10	<1	0.16	20	0.11	2860	2	0.02	6	600	39	0.03	19	7	24
K275364		<10	<1	0.22	20	0.14	1840	2	0.03	3	600	30	0.02	17	7	21
K275365		<10	<1	0.18	20	0.16	1180	1	0.03	3	630	16	0.01	8	7	16
K275366		<10	<1	0.23	20	0.13	1490	1	0.02	2	650	20	0.02	6	8	14
K275367		<10	<1	0.23	30	0.10	2210	2	0.02	3	610	28	0.02	9	7	16
K275368		<10	<1	0.20	20	0.10	2230	2	0.02	4	690	72	0.03	18	5	18
K275369		<10	<1	0.24	20	0.19	1590	2	0.03	4	690	64	0.02	7	6	20
K275370		<10	<1	0.23	20	0.21	1305	2	0.04	4	610	26	0.02	8	6	19
K275371		<10	<1	0.18	20	0.16	2180	2	0.03	5	570	44	0.02	18	7	20
K275372		<10	<1	0.20	20	0.11	1190	2	0.03	4	650	18	0.01	7	5	17
K275373		<10	<1	0.20	20	0.07	1510	2	0.03	4	630	20	0.02	8	5	17
K275374		<10	<1	0.18	20	0.19	1655	2	0.03	5	570	29	0.02	10	5	19
K275375		<10	<1	0.20	20	0.09	2170	2	0.02	4	570	39	0.02	6	5	15
K275376		<10	<1	0.20	20	0.12	1950	2	0.03	5	560	45	0.02	8	6	15
K275377		<10	<1	0.18	20	0.15	1030	2	0.04	5	590	38	0.02	4	5	16
K275378		<10	<1	0.03	<10	12.10	185	<1	0.01	3	280	<2	0.03	<2	<1	56
K275379		<10	<1	0.24	30	0.16	1615	2	0.04	6	630	40	0.02	4	6	20
K275380		<10	<1	0.26	20	0.17	1985	2	0.03	6	610	49	0.01	6	5	19
K275381		<10	<1	0.21	20	0.09	1775	2	0.03	3	610	37	0.02	5	4	14
K275382		<10	<1	0.16	20	0.15	1075	1	0.03	4	520	32	0.01	3	4	15
K275383		<10	<1	0.20	20	0.13	838	1	0.04	4	580	14	0.02	4	4	15
K275384		<10	<1	0.23	20	0.11	1230	1	0.04	5	650	20	0.02	3	4	14
K275385		<10	<1	0.24	20	0.21	1235	1	0.05	7	570	30	0.02	4	5	21
K275386		<10	<1	0.26	20	0.18	1440	1	0.05	6	580	29	0.02	4	5	19
K275387		<10	<1	0.24	20	0.12	1895	1	0.03	4	620	33	0.02	5	4	17
K275388		<10	<1	0.32	20	0.10	857	1	0.03	3	530	46	0.02	4	5	21
K275389		<10	<1	0.30	20	0.08	725	1	0.03	3	340	30	0.03	3	3	25
K275390		<10	<1	0.32	20	0.09	705	1	0.03	4	580	36	0.03	<2	4	36
K275391		<10	<1	0.33	20	0.26	720	<1	0.03	7	810	21	0.01	<2	6	75
K275392		10	1	0.23	10	1.08	606	41	0.34	305	650	8070	6.88	25	4	76
K275393		<10	<1	0.40	20	0.31	600	<1	0.04	5	770	24	0.02	<2	6	96
K275394		<10	<1	0.39	20	0.35	530	<1	0.04	4	710	18	0.01	<2	5	55
K275395		<10	<1	0.39	20	0.39	522	<1	0.05	5	720	18	0.01	<2	5	53
K275396		<10	<1	0.35	20	0.38	520	<1	0.05	6	710	19	<0.01	<2	5	31

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Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150075

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275361		<20	<0.01	<10	<10	34	<10	123	3
K275362		20	0.05	<10	<10	53	<10	65	1
K275363		<20	0.01	<10	<10	38	<10	100	1
K275364		<20	0.03	<10	<10	46	<10	89	1
K275365		<20	0.04	<10	<10	47	<10	60	<1
K275366		<20	0.02	<10	<10	43	<10	73	<1
K275367		<20	0.01	<10	<10	35	<10	84	<1
K275368		<20	0.01	<10	<10	32	<10	198	1
K275369		<20	0.03	<10	<10	44	<10	152	<1
K275370		<20	0.04	<10	<10	46	<10	97	<1
K275371		<20	0.02	<10	<10	42	<10	114	1
K275372		<20	0.01	<10	<10	37	<10	70	<1
K275373		<20	0.01	<10	<10	32	<10	84	<1
K275374		<20	0.03	<10	<10	38	<10	88	<1
K275375		<20	0.01	<10	<10	31	<10	149	<1
K275376		<20	0.02	<10	<10	40	<10	191	1
K275377		<20	0.02	<10	<10	36	<10	106	<1
K275378		<20	<0.01	<10	<10	<1	<10	15	1
K275379		<20	0.02	<10	<10	35	<10	118	1
K275380		<20	0.01	<10	<10	33	<10	153	3
K275381		<20	0.01	<10	<10	25	<10	112	<1
K275382		<20	0.02	<10	<10	33	<10	86	1
K275383		<20	0.01	<10	<10	27	<10	59	<1
K275384		<20	0.01	<10	<10	27	<10	68	<1
K275385		<20	0.03	<10	<10	38	<10	101	1
K275386		<20	0.03	<10	<10	34	<10	105	<1
K275387		<20	0.01	<10	<10	27	<10	132	<1
K275388		<20	<0.01	<10	<10	25	<10	130	1
K275389		<20	0.01	<10	<10	19	<10	99	1
K275390		<20	0.01	<10	<10	30	<10	93	1
K275391		<20	0.04	<10	<10	45	<10	75	<1
K275392		<20	0.05	<10	<10	316	20	7310	32
K275393		<20	0.06	<10	<10	41	<10	76	<1
K275394		<20	0.08	<10	<10	40	<10	56	<1
K275395		<20	0.09	<10	<10	42	<10	58	<1
K275396		<20	0.09	<10	<10	43	<10	60	<1

ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150076

Project: Klaza TR- 34

P.O. No.: Batch 4

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150076

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275469		3.11	<0.005	0.4	0.54	19	<10	370	0.5	<2	0.19	<0.5	7	8	70	2.27
K275470		2.55	<0.005	0.3	0.64	3	<10	610	0.5	2	0.21	<0.5	7	8	25	2.42
K275471		4.07	<0.005	0.3	0.52	10	<10	440	0.5	<2	0.20	<0.5	7	5	34	2.41
K275472		5.56	<0.005	<0.2	0.73	5	<10	1620	0.6	<2	0.24	<0.5	7	8	19	2.53
K275473		3.95	<0.005	0.2	0.58	8	<10	700	0.7	2	0.22	<0.5	7	5	26	2.53
K275474		2.07	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	18.4	<0.5	1	1	1	0.36
K275475		3.13	<0.005	<0.2	0.54	5	<10	760	0.6	<2	0.50	<0.5	7	5	21	2.34

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CERTIFICATE OF ANALYSIS WH11150076

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275469		<10	<1	0.20	20	0.09	945	3	0.02	3	530	19	0.01	18	4	16
K275470		<10	<1	0.22	20	0.12	908	4	0.03	3	570	24	0.01	9	4	19
K275471		<10	<1	0.22	30	0.07	847	3	0.02	3	600	17	<0.01	8	4	15
K275472		<10	<1	0.23	20	0.15	937	4	0.03	4	580	18	0.03	4	5	25
K275473		<10	<1	0.21	20	0.07	897	3	0.02	2	640	20	0.01	6	6	16
K275474		<10	1	0.03	<10	11.55	167	<1	0.01	1	270	2	<0.01	<2	<1	50
K275475		<10	<1	0.23	20	0.23	913	3	0.02	3	620	20	0.01	3	5	18

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Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150076

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275469		<20	0.01	<10	<10	22	<10	74	<1
K275470		<20	0.01	<10	<10	26	<10	66	<1
K275471		<20	<0.01	<10	<10	19	<10	50	<1
K275472		<20	0.02	<10	<10	28	<10	55	<1
K275473		<20	0.01	<10	<10	28	<10	54	<1
K275474		<20	<0.01	<10	<10	2	<10	14	1
K275475		<20	0.01	<10	<10	24	<10	54	<1

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150077

Project: Klaza TR- 34

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150077

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg .02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K275397		5.32	<0.005	<0.2	1.08	5	<10	590	1.0	<2	0.39	<0.5	4	14	6	2.22
K275398		6.73	<0.005	<0.2	1.13	5	<10	600	0.9	<2	0.38	<0.5	5	14	7	2.27
K275399		6.12	<0.005	<0.2	1.14	4	<10	400	0.8	<2	0.38	<0.5	5	14	17	2.11
K275400		6.10	<0.005	<0.2	1.16	4	<10	480	0.9	<2	0.35	<0.5	5	13	8	2.15
K275401		2.63	<0.005	<0.2	1.10	2	<10	480	0.9	<2	0.35	<0.5	5	14	7	2.17
K275402		7.19	<0.005	<0.2	1.16	4	<10	440	0.8	<2	0.66	<0.5	5	13	7	2.15
K275403		5.39	<0.005	<0.2	1.35	4	<10	590	0.9	<2	0.57	<0.5	5	12	8	2.19
K275404		7.18	<0.005	<0.2	1.13	2	<10	530	0.9	<2	0.69	<0.5	5	13	8	2.11
K275405		4.91	<0.005	<0.2	0.98	2	<10	530	0.8	<2	0.48	<0.5	5	10	4	2.19
K275406		6.48	<0.005	<0.2	1.05	4	<10	550	0.7	<2	0.32	<0.5	6	11	6	2.16
K275407		5.99	<0.005	<0.2	1.12	2	<10	1570	0.7	<2	0.33	<0.5	6	13	5	2.13
K275408		3.74	<0.005	<0.2	1.06	5	<10	610	0.9	<2	0.40	<0.5	6	13	5	2.26
K275409		3.34	<0.005	0.3	0.59	9	<10	800	0.6	<2	1.82	<0.5	5	4	13	1.84
K275410		Not Recvd														
K275411		3.45	<0.005	<0.2	1.06	6	<10	470	0.7	<2	0.39	<0.5	6	12	10	2.26
K275412		2.81	<0.005	0.2	0.71	8	<10	700	0.7	<2	1.25	<0.5	6	6	19	2.11
K275413		3.13	<0.005	<0.2	0.99	6	<10	480	0.8	<2	0.31	<0.5	6	9	8	2.27
K275414		2.47	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	18.7	<0.5	1	1	1	0.40
K275415		1.55	<0.005	<0.2	1.23	3	<10	390	0.7	<2	0.44	<0.5	6	13	8	2.34
K275416		4.44	<0.005	<0.2	1.02	5	<10	370	0.8	<2	0.50	<0.5	7	9	10	2.58
K275417		4.17	<0.005	<0.2	1.03	3	<10	340	0.7	<2	0.31	<0.5	7	8	8	2.56
K275418		4.59	<0.005	<0.2	1.24	3	<10	390	0.5	<2	0.37	<0.5	7	9	8	2.68
K275419		4.55	0.007	<0.2	0.98	6	<10	380	0.6	<2	0.32	<0.5	7	9	8	2.50
K275420		4.06	<0.005	<0.2	0.97	3	<10	470	0.5	<2	0.33	<0.5	7	7	7	2.58
K275421		3.87	<0.005	<0.2	1.02	3	<10	310	0.5	<2	0.31	<0.5	7	7	11	2.64
K275422		0.13	1.520	32.6	4.64	138	<10	40	<0.5	9	4.30	30.8	80	53	6880	7.87
K275423		9.67	<0.005	<0.2	0.79	5	<10	530	0.6	<2	0.37	<0.5	7	7	64	2.56
K275424		4.43	<0.005	<0.2	0.78	4	<10	450	0.6	<2	0.33	<0.5	7	7	10	2.68
K275425		3.68	<0.005	<0.2	0.83	4	<10	480	0.7	<2	0.29	<0.5	7	6	9	2.76
K275426		2.89	<0.005	<0.2	0.80	5	<10	460	0.6	<2	0.31	<0.5	7	6	10	2.79
K275427		2.95	<0.005	<0.2	0.75	3	<10	390	0.5	<2	0.28	<0.5	7	6	6	2.49
K275428		5.44	<0.005	<0.2	0.94	4	<10	320	0.5	<2	0.34	<0.5	7	9	8	2.52
K275429		2.78	<0.005	<0.2	1.08	3	<10	330	0.6	<2	0.38	<0.5	8	8	6	2.81
K275430		3.98	<0.005	<0.2	0.99	4	<10	330	0.6	<2	0.33	<0.5	7	7	6	2.71
K275431		3.53	<0.005	<0.2	0.96	7	<10	340	0.6	<2	0.33	<0.5	7	8	7	2.70
K275432		3.54	<0.005	<0.2	0.97	5	<10	350	0.6	<2	0.33	<0.5	8	8	8	2.84

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150077

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275397		<10	<1	0.40	20	0.40	508	<1	0.05	6	790	16	0.01	<2	5	32
K275398		<10	<1	0.40	30	0.40	541	<1	0.05	6	790	19	0.01	<2	5	37
K275399		<10	<1	0.31	20	0.38	531	2	0.05	16	700	28	0.01	2	3	32
K275400		<10	<1	0.37	20	0.41	477	1	0.05	8	710	16	0.01	2	4	29
K275401		<10	<1	0.37	20	0.41	626	1	0.05	7	720	15	0.01	<2	4	28
K275402		<10	<1	0.34	20	0.41	520	<1	0.04	6	680	14	0.01	<2	4	70
K275403		<10	<1	0.47	30	0.45	613	<1	0.03	5	740	13	<0.01	3	5	55
K275404		<10	<1	0.39	20	0.42	527	<1	0.04	5	720	15	0.01	2	4	71
K275405		<10	<1	0.32	20	0.34	775	<1	0.04	5	700	16	0.01	2	4	48
K275406		<10	<1	0.28	20	0.30	674	1	0.03	6	660	13	0.01	2	4	28
K275407		<10	<1	0.36	20	0.34	720	<1	0.05	5	650	13	0.03	3	4	36
K275408		<10	<1	0.35	20	0.34	599	1	0.03	5	760	14	0.01	2	5	39
K275409		<10	<1	0.29	20	0.13	1675	1	0.01	2	510	31	0.16	4	3	82
K275410																
K275411		<10	<1	0.26	20	0.31	1015	1	0.03	5	680	21	0.01	3	5	34
K275412		<10	<1	0.32	20	0.14	1615	1	0.01	3	580	23	0.07	6	4	65
K275413		<10	<1	0.23	20	0.27	697	1	0.03	5	630	18	0.01	2	4	26
K275414		<10	<1	0.02	<10	11.45	180	<1	0.01	<1	250	<2	0.01	<2	<1	51
K275415		<10	<1	0.27	20	0.48	542	<1	0.04	5	610	12	0.01	<2	5	32
K275416		<10	<1	0.23	20	0.37	1020	1	0.03	4	610	13	<0.01	2	5	24
K275417		<10	<1	0.20	20	0.32	852	1	0.04	4	610	13	<0.01	<2	5	24
K275418		<10	<1	0.19	20	0.56	718	1	0.05	4	610	10	0.01	<2	5	27
K275419		<10	<1	0.18	20	0.34	650	1	0.04	4	600	9	0.01	<2	5	24
K275420		<10	<1	0.17	20	0.38	657	1	0.06	2	610	17	0.01	<2	5	26
K275421		<10	<1	0.20	20	0.38	847	1	0.06	4	590	13	0.01	<2	5	24
K275422		10	1	0.22	<10	1.07	598	42	0.31	296	650	7730	6.90	28	4	74
K275423		<10	<1	0.20	20	0.24	724	1	0.04	5	610	22	0.02	2	6	23
K275424		<10	<1	0.20	20	0.21	854	5	0.03	4	610	12	0.01	<2	6	19
K275425		<10	<1	0.24	20	0.18	871	1	0.03	3	650	11	0.01	2	6	19
K275426		<10	<1	0.24	20	0.19	1190	1	0.03	2	690	11	0.01	3	5	18
K275427		<10	<1	0.20	20	0.18	823	1	0.04	3	570	9	0.01	2	5	19
K275428		<10	<1	0.16	20	0.32	705	1	0.04	4	530	8	<0.01	2	5	23
K275429		<10	<1	0.17	20	0.38	920	1	0.05	3	620	9	<0.01	<2	6	24
K275430		<10	<1	0.20	20	0.29	822	2	0.05	4	590	9	0.01	2	5	22
K275431		<10	<1	0.19	20	0.28	690	3	0.04	4	600	9	0.01	2	6	22
K275432		<10	<1	0.18	20	0.31	729	5	0.04	3	630	10	0.01	2	6	22

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150077

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K275397		<20	0.10	<10	<10	41	<10	51
K275398		<20	0.11	<10	<10	43	<10	53
K275399		<20	0.09	<10	<10	42	<10	63
K275400		<20	0.11	<10	<10	43	<10	59
K275401		<20	0.11	<10	<10	43	<10	55
K275402		<20	0.10	<10	<10	41	<10	53
K275403		<20	0.11	<10	<10	41	<10	57
K275404		<20	0.11	<10	<10	41	<10	55
K275405		<20	0.09	<10	<10	42	<10	55
K275406		<20	0.08	<10	<10	41	<10	58
K275407		<20	0.09	<10	<10	42	<10	57
K275408		<20	0.09	<10	<10	44	<10	58
K275409		<20	0.01	<10	<10	14	<10	67
K275410								
K275411		<20	0.07	<10	<10	42	<10	66
K275412		<20	0.02	<10	<10	20	<10	62
K275413		<20	0.03	<10	<10	36	<10	52
K275414		<20	<0.01	<10	<10	<1	<10	16
K275415		<20	0.09	<10	<10	45	<10	53
K275416		<20	0.03	<10	<10	38	<10	49
K275417		<20	0.03	<10	<10	41	<10	50
K275418		<20	0.05	<10	<10	51	<10	53
K275419		<20	0.03	<10	<10	42	<10	48
K275420		<20	0.03	<10	<10	46	<10	62
K275421		<20	0.02	<10	<10	42	<10	56
K275422		<20	0.05	<10	10	300	10	7420
K275423		<20	0.02	<10	<10	40	<10	113
K275424		<20	0.02	<10	<10	39	10	54
K275425		<20	0.01	<10	<10	37	<10	52
K275426		20	0.02	<10	<10	37	<10	53
K275427		<20	0.02	<10	<10	37	<10	48
K275428		<20	0.04	<10	<10	44	<10	47
K275429		<20	0.04	<10	<10	48	<10	54
K275430		<20	0.03	<10	<10	43	<10	54
K275431		<20	0.03	<10	<10	42	<10	52
K275432		<20	0.03	<10	<10	44	<10	54

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150078

Project: Klaza TR- 34

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150078

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275433		5.80	<0.005	0.2	0.78	5	<10	300	0.6	<2	0.27	<0.5	7	7	13	2.66
K275434		3.63	<0.005	<0.2	0.84	7	<10	290	0.5	<2	0.30	<0.5	7	7	7	2.56
K275435		2.64	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	18.9	<0.5	1	1	1	0.37
K275436		6.12	<0.005	<0.2	0.70	5	<10	330	0.6	<2	0.25	<0.5	7	6	8	2.51
K275437		5.20	<0.005	<0.2	0.60	5	<10	290	0.5	<2	0.31	<0.5	7	5	7	2.39
K275438		5.90	<0.005	<0.2	0.65	8	<10	780	0.7	<2	0.24	<0.5	7	4	8	2.52
K275439		4.07	<0.005	<0.2	0.73	7	<10	600	0.7	<2	0.28	<0.5	7	6	8	2.55
K275440		4.77	0.006	<0.2	0.69	4	<10	490	0.6	<2	0.26	<0.5	7	6	8	2.55
K275441		0.11	0.755	33.1	4.91	147	<10	40	<0.5	3	4.51	33.9	84	57	7170	8.14
K275442		4.43	<0.005	<0.2	0.68	8	<10	550	0.6	<2	0.25	0.5	7	6	21	2.62
K275443		2.78	<0.005	0.2	0.57	6	<10	600	0.7	<2	0.25	0.5	8	5	8	2.66
K275444		3.27	<0.005	<0.2	0.66	8	<10	360	0.7	<2	0.26	<0.5	7	6	8	2.65
K275445		3.17	<0.005	<0.2	0.54	5	<10	1130	0.9	<2	0.25	<0.5	7	2	9	2.75
K275446		3.17	<0.005	<0.2	0.66	9	<10	880	0.8	<2	0.27	<0.5	7	4	10	2.78
K275447		3.85	0.012	<0.2	0.71	9	<10	510	0.7	<2	0.27	<0.5	7	7	9	2.69
K275448		4.17	0.013	<0.2	0.68	13	<10	780	0.7	<2	0.26	0.5	8	5	10	2.76
K275449		4.20	<0.005	<0.2	0.73	17	<10	1160	0.7	<2	0.28	0.5	8	6	12	2.78
K275450		4.12	0.008	<0.2	0.61	17	<10	1380	0.7	<2	0.26	<0.5	7	6	15	2.75
K275451		4.28	<0.005	<0.2	0.71	14	<10	1310	0.7	<2	0.26	<0.5	7	5	13	2.74
K275452		4.51	<0.005	<0.2	0.74	14	<10	460	0.6	<2	0.28	<0.5	7	8	16	2.47
K275453		3.95	<0.005	<0.2	0.79	14	<10	410	0.6	<2	0.27	<0.5	7	8	23	2.55
K275454		3.27	<0.005	<0.2	0.74	14	<10	370	0.6	<2	0.25	0.5	8	6	18	2.71
K275455		2.81	<0.005	<0.2	0.74	11	<10	620	0.6	<2	0.26	<0.5	8	6	16	2.69
K275456		2.70	<0.005	<0.2	0.66	12	<10	410	0.5	<2	0.25	0.5	7	6	12	2.65
K275457		2.82	<0.005	<0.2	0.73	11	<10	510	0.6	<2	0.25	<0.5	8	5	9	2.75
K275458		4.10	<0.005	0.2	0.76	10	<10	390	0.6	<2	0.29	<0.5	7	7	10	2.54
K275459		4.31	<0.005	<0.2	0.87	10	<10	420	0.6	<2	0.29	<0.5	8	8	10	2.72
K275460		2.61	<0.005	<0.2	0.78	9	<10	420	0.7	<2	0.27	<0.5	7	7	9	2.76
K275461		4.33	<0.005	<0.2	0.78	9	<10	500	0.6	<2	0.29	<0.5	7	7	10	2.71
K275462		2.87	<0.005	<0.2	0.90	11	<10	710	0.6	<2	0.31	<0.5	7	8	12	2.64
K275463		2.30	<0.005	<0.2	0.70	10	<10	340	0.5	<2	0.27	<0.5	7	6	9	2.45
K275464		2.17	<0.005	<0.2	0.73	14	<10	460	0.5	<2	0.27	<0.5	6	6	10	2.46
K275465		2.18	<0.005	<0.2	0.85	13	<10	590	0.5	<2	0.30	<0.5	7	9	10	2.64
K275466		2.45	<0.005	<0.2	0.62	13	<10	510	0.7	<2	0.36	<0.5	7	4	8	2.60
K275467		3.42	<0.005	<0.2	0.65	13	<10	410	0.5	<2	0.25	<0.5	6	5	13	2.43
K275468		2.91	<0.005	0.2	0.65	12	<10	700	0.6	<2	0.24	0.7	7	5	17	2.55

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150078

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275433		<10	<1	0.19	20	0.19	795	6	0.03	7	630	10	0.01	3	5	17
K275434		<10	<1	0.18	20	0.22	788	7	0.04	4	560	10	0.01	<2	5	21
K275435		<10	<1	0.03	<10	11.35	178	<1	0.01	1	600	<2	0.01	<2	<1	57
K275436		<10	<1	0.19	20	0.14	907	5	0.03	4	600	10	<0.01	3	5	15
K275437		<10	<1	0.21	20	0.14	832	3	0.03	3	580	11	<0.01	2	5	13
K275438		<10	<1	0.25	30	0.10	1110	3	0.02	3	600	11	0.01	3	5	17
K275439		<10	<1	0.22	20	0.14	840	3	0.02	2	630	13	0.01	2	5	17
K275440		<10	<1	0.20	20	0.13	781	3	0.03	3	630	11	0.01	3	5	16
K275441		10	1	0.23	10	1.11	623	43	0.33	309	690	8390	7.19	30	4	75
K275442		<10	<1	0.19	20	0.14	1015	3	0.02	3	600	17	0.01	4	5	17
K275443		<10	<1	0.19	30	0.08	1050	3	0.01	3	680	13	0.01	4	5	13
K275444		<10	<1	0.20	20	0.11	947	4	0.02	3	660	11	<0.01	2	5	13
K275445		<10	<1	0.24	30	0.06	969	5	0.01	2	640	10	0.02	3	6	16
K275446		<10	<1	0.23	30	0.10	1210	3	0.01	3	640	12	0.02	4	6	18
K275447		<10	<1	0.19	20	0.16	1770	4	0.02	4	590	15	0.01	4	5	18
K275448		<10	<1	0.20	30	0.13	1095	3	0.02	3	650	13	0.01	4	5	16
K275449		<10	<1	0.22	30	0.13	1185	4	0.02	5	670	16	0.02	4	5	21
K275450		<10	<1	0.20	30	0.11	1250	3	0.02	4	610	16	0.03	5	5	21
K275451		<10	1	0.23	20	0.12	965	3	0.02	3	630	17	0.03	5	5	20
K275452		<10	<1	0.18	20	0.17	979	1	0.03	4	590	19	0.01	3	4	18
K275453		<10	<1	0.19	20	0.18	955	2	0.03	5	530	14	<0.01	3	4	17
K275454		<10	<1	0.19	20	0.15	1000	2	0.03	3	570	10	<0.01	3	4	15
K275455		<10	1	0.20	20	0.15	1230	2	0.03	3	600	10	0.01	3	4	17
K275456		<10	<1	0.19	20	0.13	1030	2	0.02	3	610	9	<0.01	3	4	14
K275457		<10	<1	0.22	20	0.13	1175	3	0.02	2	630	10	0.01	3	4	17
K275458		<10	<1	0.18	20	0.20	899	2	0.03	4	580	15	0.01	4	5	18
K275459		<10	1	0.18	20	0.23	1015	3	0.03	3	580	11	0.01	4	5	19
K275460		<10	<1	0.19	20	0.16	891	2	0.02	3	600	14	<0.01	3	6	16
K275461		<10	<1	0.18	20	0.18	982	2	0.03	3	600	13	0.01	4	6	18
K275462		<10	<1	0.21	20	0.21	935	2	0.03	3	570	14	0.01	4	5	23
K275463		<10	<1	0.19	20	0.16	1035	1	0.03	3	580	16	<0.01	4	5	16
K275464		<10	<1	0.24	20	0.15	1045	2	0.03	3	590	14	0.01	4	4	17
K275465		<10	<1	0.18	20	0.20	1010	3	0.03	4	550	12	0.01	4	5	20
K275466		<10	<1	0.22	30	0.06	1105	3	0.01	2	660	14	0.01	6	6	17
K275467		<10	<1	0.22	20	0.11	965	3	0.02	3	570	13	0.01	7	4	15
K275468		<10	1	0.25	30	0.09	1115	3	0.02	2	610	23	0.01	10	4	18

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 34

CERTIFICATE OF ANALYSIS WH11150078

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275433		<20	0.02	<10	<10	39	<10	56	<1
K275434		<20	0.03	<10	<10	41	<10	53	<1
K275435		<20	<0.01	<10	<10	1	<10	17	<1
K275436		<20	0.01	<10	<10	34	<10	51	<1
K275437		<20	0.01	<10	<10	29	<10	50	<1
K275438		<20	0.01	<10	<10	24	<10	47	<1
K275439		<20	0.01	<10	<10	32	<10	49	<1
K275440		<20	0.02	<10	<10	33	<10	49	<1
K275441		<20	0.05	<10	<10	318	10	7480	29
K275442		<20	0.01	<10	<10	35	<10	70	<1
K275443		<20	0.01	<10	<10	29	<10	48	<1
K275444		<20	0.01	<10	<10	32	<10	51	<1
K275445		<20	<0.01	<10	<10	19	<10	54	<1
K275446		<20	<0.01	<10	<10	24	<10	54	<1
K275447		<20	0.02	<10	<10	33	<10	58	<1
K275448		<20	0.01	<10	<10	29	<10	55	<1
K275449		<20	0.01	<10	<10	31	<10	57	<1
K275450		<20	0.01	<10	<10	27	<10	58	<1
K275451		<20	0.01	<10	<10	27	<10	56	<1
K275452		<20	0.02	<10	<10	33	<10	52	<1
K275453		<20	0.02	<10	<10	34	<10	50	<1
K275454		<20	0.01	<10	<10	33	<10	51	<1
K275455		<20	0.01	<10	<10	31	<10	50	<1
K275456		<20	0.01	<10	<10	29	<10	51	<1
K275457		<20	0.01	<10	<10	29	<10	58	<1
K275458		<20	0.02	<10	<10	34	<10	49	<1
K275459		<20	0.02	<10	<10	38	<10	53	<1
K275460		<20	0.02	<10	<10	36	<10	51	<1
K275461		<20	0.02	<10	<10	36	<10	49	<1
K275462		<20	0.02	<10	<10	35	<10	51	<1
K275463		<20	0.01	<10	<10	31	<10	45	<1
K275464		<20	0.02	<10	<10	30	<10	56	<1
K275465		<20	0.02	<10	<10	36	<10	51	<1
K275466		<20	<0.01	<10	<10	27	<10	58	<1
K275467		<20	0.01	<10	<10	25	<10	56	<1
K275468		<20	0.01	<10	<10	22	<10	65	<1

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150079

Project: Klaza- DDH- 25

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11150079

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K271957		11.47	0.015	0.3	0.63	32	<10	260	0.7	<2	2.29	0.6	6	4	15	2.48
K271958		2.82	0.773	10.9	0.45	964	<10	20	0.5	<2	0.75	45.0	7	2	28	4.82
K271959		2.45	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.2	<0.5	<1	1	<1	0.37
K271960		7.09	0.010	0.5	0.54	18	<10	2170	0.9	<2	1.49	0.5	3	5	11	1.70
K271961		9.74	0.029	0.9	0.85	40	<10	250	0.6	<2	1.94	2.9	6	5	21	2.92
K271962		11.67	0.010	0.3	1.22	33	<10	170	<0.5	<2	1.21	<0.5	6	8	17	2.44
K271963		12.14	<0.005	<0.2	1.24	5	<10	150	<0.5	<2	1.13	<0.5	6	8	7	2.47
K271964		15.58	<0.005	0.2	1.22	6	<10	270	<0.5	<2	1.27	<0.5	6	8	9	2.55
K271965		8.24	<0.005	<0.2	1.20	4	<10	250	<0.5	<2	1.13	<0.5	6	8	9	2.53
K271966		4.75	<0.005	<0.2	1.17	5	<10	300	<0.5	<2	1.07	<0.5	5	8	11	2.44
K271967		13.62	0.038	2.3	1.18	5	<10	260	<0.5	2	1.34	<0.5	7	9	9	2.69
K271968		10.98	<0.005	<0.2	1.18	6	<10	290	<0.5	<2	1.30	<0.5	5	7	8	2.46
K271969		0.06	1.460	31.3	4.84	148	<10	40	<0.5	13	4.33	32.3	83	55	7280	8.21
K271970		13.34	<0.005	<0.2	1.11	6	<10	160	<0.5	<2	1.19	<0.5	6	8	52	2.43
K271971		11.71	0.005	0.4	1.05	22	<10	250	<0.5	<2	1.39	<0.5	6	7	14	2.76
K271972		6.35	<0.005	<0.2	1.23	4	<10	210	<0.5	<2	1.08	<0.5	5	8	8	2.37
K271973		4.57	<0.005	<0.2	1.11	8	<10	210	<0.5	<2	1.00	<0.5	7	8	14	2.39
K271974		7.52	<0.005	<0.2	1.21	5	<10	150	<0.5	<2	1.15	<0.5	6	9	25	2.52
K271975		6.02	<0.005	0.4	1.20	6	<10	170	<0.5	<2	1.20	0.5	6	10	117	2.52
K271976		11.18	0.065	0.5	1.15	360	<10	280	<0.5	<2	1.37	<0.5	6	8	29	2.68
K271977		2.33	<0.005	<0.2	0.04	6	<10	10	<0.5	<2	18.3	<0.5	1	1	1	0.37
K271978		9.97	0.017	0.6	1.19	90	<10	260	<0.5	<2	1.43	1.0	5	7	29	2.50
K271979		7.25	<0.005	0.4	1.16	4	<10	490	<0.5	<2	1.29	2.6	6	8	10	2.44
K271980		12.26	<0.005	0.3	1.04	7	<10	1260	0.5	<2	1.92	1.0	6	7	11	2.59
K271981		7.91	<0.005	<0.2	1.24	3	<10	270	<0.5	<2	1.38	<0.5	7	8	10	2.80
K271982		9.34	<0.005	<0.2	1.20	6	<10	190	<0.5	<2	0.87	<0.5	5	8	8	2.37
K271983		5.42	<0.005	<0.2	1.11	6	<10	230	<0.5	<2	1.21	<0.5	5	8	8	2.57
K271984		12.32	0.014	0.7	1.05	20	<10	250	<0.5	<2	1.71	<0.5	7	7	10	2.84
K271985		6.14	0.005	0.2	0.94	8	<10	280	<0.5	<2	1.89	<0.5	6	6	4	2.67
K271986		4.17	0.008	0.4	0.56	19	<10	190	<0.5	<2	4.53	<0.5	8	4	5	2.73
K271987		11.26	0.008	0.4	1.17	8	<10	220	<0.5	<2	1.57	<0.5	7	7	11	2.71
K271988		11.22	<0.005	<0.2	1.30	5	<10	300	<0.5	<2	1.39	<0.5	6	7	6	2.76
K271989		12.90	<0.005	<0.2	1.31	9	<10	180	<0.5	<2	1.29	<0.5	7	8	15	2.59
K271990		13.67	<0.005	<0.2	1.26	6	<10	150	<0.5	<2	1.17	<0.5	5	8	16	2.53
K271991		0.12	1.410	32.3	4.97	146	<10	40	<0.5	<2	4.40	32.9	83	55	7310	8.36
K271992		12.65	<0.005	0.2	1.46	16	<10	190	<0.5	<2	1.23	<0.5	12	7	50	2.88

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11150079

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K271957		<10	1	0.26	20	0.61	809	3	0.01	<1	530	27	0.96	6	7	116
K271958		<10	1	0.33	10	0.23	1055	1	0.01	1	490	3670	4.88	14	2	29
K271959		<10	<1	0.03	<10	12.20	179	<1	0.01	2	310	5	0.05	<2	<1	59
K271960		<10	<1	0.24	10	0.50	660	4	0.01	9	460	45	0.13	6	4	135
K271961		<10	<1	0.24	20	0.62	949	1	0.03	1	590	196	0.39	6	7	80
K271962		10	<1	0.14	20	0.59	434	1	0.08	1	600	18	0.17	<2	4	51
K271963		10	<1	0.14	10	0.64	420	1	0.08	1	580	11	0.22	<2	3	57
K271964		10	<1	0.16	20	0.67	470	1	0.08	1	580	12	0.36	<2	4	57
K271965		<10	<1	0.14	10	0.63	415	<1	0.08	1	590	10	0.37	<2	3	51
K271966		10	<1	0.13	10	0.60	405	<1	0.08	1	570	9	0.33	<2	3	53
K271967		<10	<1	0.15	10	0.67	434	<1	0.08	1	570	17	0.87	<2	4	51
K271968		10	<1	0.16	20	0.62	468	1	0.08	1	580	10	0.35	<2	4	52
K271969		10	1	0.23	<10	1.12	623	42	0.32	312	680	8050	7.22	29	4	79
K271970		<10	<1	0.15	20	0.53	412	1	0.08	3	580	19	0.17	2	4	55
K271971		<10	<1	0.16	20	0.55	488	<1	0.07	1	590	22	0.77	<2	5	61
K271972		10	<1	0.14	20	0.61	406	1	0.08	1	590	11	0.08	<2	3	54
K271973		10	<1	0.15	10	0.63	392	1	0.09	1	600	13	0.30	<2	4	50
K271974		10	<1	0.14	10	0.62	420	1	0.08	1	580	12	0.19	<2	4	47
K271975		10	<1	0.17	20	0.62	429	3	0.09	27	570	41	0.23	2	4	48
K271976		<10	<1	0.19	20	0.59	725	1	0.06	4	560	57	0.42	4	4	59
K271977		<10	<1	0.02	<10	11.60	185	<1	0.01	<1	240	<2	0.01	<2	<1	58
K271978		10	<1	0.19	20	0.63	596	1	0.07	1	590	116	0.21	2	4	60
K271979		10	<1	0.17	20	0.66	505	1	0.09	1	560	41	0.25	<2	4	66
K271980		<10	<1	0.21	20	0.59	690	<1	0.06	1	580	100	0.26	2	8	100
K271981		10	<1	0.15	20	0.76	558	1	0.09	1	650	11	0.32	<2	5	63
K271982		10	<1	0.16	20	0.68	445	<1	0.10	1	570	9	0.08	<2	3	57
K271983		<10	<1	0.16	20	0.66	467	<1	0.09	1	560	11	0.17	<2	5	59
K271984		<10	<1	0.20	20	0.66	636	2	0.07	1	570	80	0.69	<2	5	78
K271985		<10	<1	0.19	20	0.60	494	1	0.06	1	580	10	0.67	<2	5	100
K271986		<10	<1	0.37	10	0.62	1475	1	0.01	3	650	29	1.90	<2	2	119
K271987		10	<1	0.17	20	0.70	441	<1	0.06	1	580	23	0.84	<2	5	77
K271988		10	<1	0.18	20	0.70	539	<1	0.07	1	630	15	0.25	<2	5	76
K271989		10	<1	0.15	20	0.69	439	1	0.09	1	660	13	0.14	<2	4	72
K271990		10	<1	0.14	20	0.67	428	1	0.09	1	610	12	0.08	<2	4	78
K271991		10	1	0.23	<10	1.14	636	43	0.32	312	680	8210	7.35	28	4	80
K271992		10	<1	0.14	10	0.83	444	1	0.09	1	670	21	0.59	<2	4	90

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Finalized Date: 6- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11150079

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K271957		<20	<0.01	<10	<10	25	<10	41	<1
K271958		<20	<0.01	<10	<10	6	<10	2940	9
K271959		<20	<0.01	<10	<10	2	<10	22	<1
K271960		<20	<0.01	<10	10	16	<10	78	1
K271961		<20	0.02	<10	<10	36	<10	266	2
K271962		<20	0.13	<10	<10	54	<10	37	1
K271963		<20	0.12	<10	<10	52	<10	36	1
K271964		<20	0.10	<10	<10	51	<10	39	<1
K271965		<20	0.12	<10	<10	50	<10	36	<1
K271966		<20	0.11	<10	<10	49	<10	36	<1
K271967		<20	0.08	<10	<10	49	<10	41	2
K271968		<20	0.11	<10	<10	49	<10	36	<1
K271969		<20	0.05	<10	10	315	10	7480	32
K271970		<20	0.10	<10	<10	51	<10	84	<1
K271971		<20	0.07	<10	<10	45	<10	45	<1
K271972		<20	0.13	<10	<10	53	<10	35	<1
K271973		<20	0.13	<10	<10	51	<10	38	<1
K271974		<20	0.12	<10	<10	53	<10	41	<1
K271975		<20	0.11	<10	<10	53	<10	75	<1
K271976		<20	0.10	<10	<10	47	<10	56	1
K271977		<20	<0.01	<10	<10	<1	<10	14	1
K271978		<20	0.09	<10	<10	49	<10	100	1
K271979		<20	0.10	<10	<10	50	<10	176	1
K271980		<20	0.03	<10	<10	46	<10	100	2
K271981		<20	0.11	<10	<10	61	<10	45	1
K271982		<20	0.13	<10	<10	54	<10	37	<1
K271983		<20	0.10	<10	<10	53	<10	38	1
K271984		<20	0.06	<10	<10	45	<10	58	3
K271985		<20	0.03	<10	<10	39	<10	36	<1
K271986		<20	<0.01	<10	<10	13	<10	51	1
K271987		<20	0.03	<10	<10	45	<10	39	2
K271988		<20	0.09	<10	<10	55	<10	48	1
K271989		<20	0.14	<10	<10	61	<10	39	<1
K271990		<20	0.13	<10	<10	57	<10	45	1
K271991		<20	0.06	<10	10	315	10	7470	32
K271992		<20	0.13	<10	<10	60	<10	49	1

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To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 17- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150140

Project: Klaza - DDH - 27

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- SEP- 2011
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Project: Klaza - DDH - 27

CERTIFICATE OF ANALYSIS WH11150140

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269594		9.91	<0.005	0.2	1.34	6	<10	140	<0.5	<2	1.24	1.1	6	10	6	2.81
K269595		12.22	<0.005	<0.2	1.13	8	<10	100	<0.5	<2	1.10	0.5	6	12	10	2.67
K269596		7.82	<0.005	2.1	1.25	8	<10	220	<0.5	<2	1.48	5.4	6	9	10	2.91
K269597		5.89	0.347	64.8	0.61	1435	<10	140	0.7	<2	2.09	72.1	10	4	134	3.21
K269598		7.99	<0.005	0.2	1.12	9	<10	170	<0.5	<2	1.56	0.5	8	10	5	2.81
K269599		10.14	<0.005	0.3	1.18	7	<10	120	<0.5	<2	1.26	<0.5	7	9	5	2.72
K269600		4.24	<0.005	0.2	1.18	6	<10	130	<0.5	<2	1.22	<0.5	7	9	6	2.72
K269601		8.95	0.013	0.4	0.64	93	<10	440	0.9	<2	2.62	<0.5	8	4	8	2.81
K269602		8.48	<0.005	0.2	1.18	2	<10	230	<0.5	<2	1.21	<0.5	7	9	5	2.71
K269603		0.07	1.430	31.9	4.71	142	<10	40	<0.5	10	4.51	31.8	82	54	7080	8.06
K269604		9.90	<0.005	<0.2	1.17	2	<10	250	<0.5	<2	1.27	<0.5	7	9	19	2.72
K269605		5.12	<0.005	0.2	1.21	4	<10	200	<0.5	<2	1.18	<0.5	7	9	7	2.75
K269606		6.70	<0.005	0.4	0.98	11	<10	190	<0.5	<2	1.64	0.7	7	9	5	2.75
K269607		7.99	<0.005	<0.2	0.75	16	<10	340	<0.5	<2	1.78	<0.5	5	6	3	2.43
K269608		4.98	<0.005	0.3	0.98	16	<10	290	<0.5	<2	1.36	<0.5	9	8	18	2.69
K269609		2.09	0.217	5.3	0.42	198	<10	220	0.7	<2	2.64	20.7	5	3	44	3.37
K269610		2.05	0.006	<0.2	0.03	<2	<10	10	<0.5	<2	20.1	<0.5	1	<1	2	0.38
K269611		12.29	<0.005	0.2	1.07	10	<10	320	<0.5	<2	1.72	<0.5	5	9	3	2.71
K269612		4.70	0.006	0.2	1.13	18	<10	910	<0.5	<2	3.01	<0.5	6	6	2	2.86
K269613		6.29	<0.005	0.2	1.17	6	<10	1140	<0.5	<2	2.33	<0.5	4	8	1	2.76
K269614		8.92	<0.005	0.2	1.42	14	<10	970	<0.5	<2	3.43	<0.5	7	5	3	3.56
K269615		2.46	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	19.5	<0.5	2	<1	1	0.37
K269616		7.90	<0.005	0.3	1.43	9	<10	210	<0.5	<2	3.36	<0.5	5	5	1	3.21
K269617		9.59	0.019	0.9	1.00	19	<10	120	<0.5	3	3.97	<0.5	14	3	1	3.61
K269618		6.44	<0.005	0.2	1.16	8	<10	430	<0.5	<2	2.58	<0.5	5	8	1	2.48
K269619		12.07	<0.005	0.2	1.10	6	<10	300	<0.5	<2	1.76	<0.5	5	11	2	2.70
K269620		0.06	1.460	33.1	4.82	147	<10	40	<0.5	17	4.61	32.5	83	56	7240	8.23
K269621		12.19	0.007	<0.2	1.04	6	<10	740	<0.5	<2	2.79	<0.5	3	8	8	2.52
K269622		11.71	<0.005	0.2	0.91	6	<10	410	<0.5	<2	2.10	<0.5	6	7	3	2.37
K269623		3.42	<0.005	0.2	1.05	3	<10	360	<0.5	<2	1.64	<0.5	4	8	3	2.61
K269624		8.17	<0.005	0.2	0.52	7	<10	510	0.5	<2	2.74	<0.5	4	4	1	2.28
K269625		7.76	<0.005	0.2	0.47	15	<10	170	0.5	<2	2.75	<0.5	4	4	1	1.60
K269626		4.25	0.011	0.6	0.56	23	<10	390	0.6	<2	3.24	0.5	7	2	2	1.98
K269627		3.84	<0.005	0.2	0.68	13	<10	110	0.6	<2	3.36	<0.5	4	3	2	1.86
K269628		4.94	0.036	1.1	0.45	57	<10	60	<0.5	<2	2.19	1.1	19	2	4	2.64
K269629		7.24	0.005	0.4	0.52	7	<10	140	0.5	<2	3.35	<0.5	10	3	3	2.02

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CERTIFICATE OF ANALYSIS WH11150140

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269594		10	<1	0.13	10	0.71	461	1	0.09	2	670	24	0.01	<2	5	50
K269595		10	<1	0.11	10	0.70	350	1	0.08	4	660	11	0.04	<2	4	42
K269596		10	<1	0.16	10	0.75	604	<1	0.08	2	660	509	0.10	2	6	50
K269597		<10	<1	0.29	10	0.53	1380	<1	0.01	3	560	>10000	1.65	54	5	57
K269598		10	<1	0.13	10	0.70	441	<1	0.07	1	620	25	0.05	<2	7	47
K269599		10	<1	0.13	10	0.73	415	<1	0.09	1	620	27	0.03	<2	5	51
K269600		10	<1	0.13	10	0.73	401	<1	0.09	1	620	10	0.02	<2	5	47
K269601		<10	<1	0.21	20	0.72	1080	1	0.01	1	620	15	0.30	4	9	58
K269602		<10	<1	0.18	10	0.71	428	<1	0.10	1	660	7	0.01	<2	5	54
K269603		10	1	0.23	10	1.11	601	42	0.32	323	660	8210	7.19	26	4	74
K269604		10	<1	0.18	10	0.68	429	3	0.09	2	640	15	0.02	<2	5	56
K269605		<10	<1	0.16	20	0.72	424	4	0.09	1	640	7	0.01	<2	5	53
K269606		<10	<1	0.16	20	0.69	526	4	0.08	1	650	47	0.05	<2	7	66
K269607		<10	<1	0.16	20	0.65	525	<1	0.06	1	600	7	0.06	2	7	77
K269608		<10	<1	0.16	20	0.71	520	<1	0.09	<1	640	8	0.16	2	7	67
K269609		<10	<1	0.26	20	0.83	1470	<1	0.01	<1	590	1175	1.13	7	7	82
K269610		<10	<1	0.02	<10	12.20	182	<1	<0.01	<1	240	2	0.02	<2	<1	49
K269611		<10	<1	0.17	10	0.73	467	<1	0.07	2	630	7	0.08	<2	6	58
K269612		<10	<1	0.29	20	0.71	605	<1	0.04	<1	630	6	0.27	<2	5	113
K269613		<10	<1	0.20	20	0.77	549	<1	0.06	1	640	6	0.08	<2	6	126
K269614		<10	<1	0.22	20	0.87	660	<1	0.06	1	690	7	0.34	<2	7	127
K269615		<10	<1	0.03	<10	11.80	170	<1	<0.01	<1	230	<2	0.01	<2	<1	52
K269616		<10	<1	0.18	20	0.91	955	<1	0.06	1	700	5	0.53	<2	7	78
K269617		<10	<1	0.19	10	1.10	1400	<1	0.04	1	670	14	1.69	<2	7	69
K269618		<10	<1	0.19	20	0.74	617	<1	0.06	1	610	5	0.16	<2	7	77
K269619		10	<1	0.15	10	0.76	473	<1	0.07	1	610	6	0.03	<2	6	48
K269620		10	1	0.24	10	1.13	612	43	0.33	332	680	8310	7.30	27	4	76
K269621		<10	<1	0.19	20	0.72	569	<1	0.05	1	600	9	0.08	<2	6	82
K269622		<10	<1	0.17	20	0.65	529	<1	0.06	<1	580	6	0.10	<2	7	74
K269623		<10	<1	0.18	20	0.66	469	<1	0.10	1	580	7	0.02	<2	7	70
K269624		<10	<1	0.16	20	0.71	813	<1	0.03	1	590	5	0.26	<2	6	69
K269625		<10	<1	0.20	20	0.75	955	<1	0.04	<1	580	16	0.37	<2	5	62
K269626		<10	<1	0.31	20	0.67	1930	<1	0.01	1	570	19	0.72	<2	3	68
K269627		<10	<1	0.26	20	0.33	1120	<1	0.01	<1	570	10	0.57	<2	5	84
K269628		<10	<1	0.39	10	0.31	1925	<1	0.01	1	340	47	2.00	<2	2	39
K269629		<10	<1	0.20	20	0.60	817	<1	0.02	1	550	7	1.06	<2	5	75

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 27

CERTIFICATE OF ANALYSIS WH11150140

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K269594		<20	0.08	<10	<10	58	<10	103	<1	
K269595		<20	0.11	<10	<10	58	<10	56	1	
K269596		<20	0.07	<10	<10	57	<10	369	3	
K269597		<20	<0.01	<10	<10	24	<10	4170	65	1.600
K269598		<20	0.04	<10	<10	56	<10	79	1	
K269599		<20	0.10	<10	<10	63	<10	48	1	
K269600		<20	0.10	<10	<10	62	<10	44	1	
K269601		<20	<0.01	<10	<10	38	<10	78	<1	
K269602		<20	0.10	<10	<10	58	<10	31	<1	
K269603		<20	0.05	<10	<10	306	<10	7420	30	
K269604		<20	0.08	<10	<10	57	<10	47	1	
K269605		<20	0.09	<10	<10	58	10	33	1	
K269606		<20	0.04	<10	<10	51	<10	77	<1	
K269607		<20	0.02	<10	<10	39	<10	32	<1	
K269608		<20	0.04	<10	<10	49	<10	37	<1	
K269609		<20	<0.01	<10	<10	22	<10	1340	5	
K269610		<20	<0.01	<10	10	2	<10	13	1	
K269611		<20	0.06	<10	<10	51	<10	36	1	
K269612		<20	<0.01	<10	<10	30	<10	43	<1	
K269613		<20	0.01	<10	<10	46	<10	42	<1	
K269614		<20	0.01	<10	<10	35	<10	52	1	
K269615		<20	<0.01	<10	10	2	<10	13	1	
K269616		<20	<0.01	<10	<10	32	<10	58	1	
K269617		<20	<0.01	<10	<10	23	<10	63	2	
K269618		<20	0.01	<10	<10	44	<10	38	<1	
K269619		<20	0.07	<10	<10	55	<10	34	1	
K269620		<20	0.05	<10	<10	313	<10	7590	30	
K269621		<20	<0.01	<10	<10	40	<10	42	<1	
K269622		<20	0.01	<10	<10	40	<10	32	1	
K269623		<20	0.04	<10	<10	51	<10	37	1	
K269624		<20	<0.01	<10	<10	30	<10	41	<1	
K269625		<20	<0.01	<10	<10	13	<10	33	<1	
K269626		<20	<0.01	<10	<10	10	<10	65	1	
K269627		<20	<0.01	<10	<10	21	<10	36	1	
K269628		<20	<0.01	<10	<10	7	<10	69	2	
K269629		<20	<0.01	<10	<10	16	<10	30	1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150141

Project: Klaza- DDH- 24

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11150141

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272564		2.53	0.006	0.7	0.86	15	<10	380	<0.5	<2	1.65	4.9	10	7	15	3.07
K272565		2.21	0.024	3.1	0.89	50	<10	320	0.5	<2	1.89	1.4	8	7	339	3.21
K272566		1.82	0.011	1.6	0.89	19	<10	370	0.6	<2	2.08	<0.5	7	6	265	2.99
K272567		2.27	0.006	0.5	0.84	24	<10	350	0.6	<2	2.29	0.8	8	5	17	3.32
K272568		0.11	1.455	34.9	5.06	159	<10	50	<0.5	14	4.77	33.3	87	58	7870	8.25
K272569		3.00	0.006	0.6	1.31	10	<10	460	<0.5	<2	1.62	<0.5	6	8	67	2.89
K272570		2.83	0.053	12.7	0.82	120	<10	280	0.5	2	2.16	2.0	7	5	826	3.28
K272571		2.39	0.005	0.4	1.07	11	<10	390	<0.5	<2	1.45	0.6	7	7	13	2.83
K272572		1.15	0.056	2.1	0.99	213	<10	220	0.5	<2	1.92	6.1	8	7	32	3.88
K272573		1.70	0.052	2.7	1.18	43	<10	240	0.5	3	2.08	1.1	7	6	180	3.66
K272574		1.70	0.055	4.1	1.14	279	<10	260	0.6	<2	1.90	2.6	6	5	25	3.38
K272575		1.56	<0.005	<0.2	0.07	3	<10	<10	<0.5	<2	19.7	<0.5	<1	1	15	0.40
K272576		2.66	0.020	0.8	1.17	25	<10	170	<0.5	<2	1.61	0.6	6	8	66	2.90
K272577		3.44	<0.005	0.3	1.41	4	<10	270	<0.5	<2	1.47	<0.5	8	10	56	3.02
K272578		1.71	0.053	4.3	1.40	13	<10	250	<0.5	<2	1.58	1.7	6	8	1255	3.32
K272579		3.47	<0.005	0.5	1.36	5	<10	290	<0.5	<2	1.45	<0.5	7	11	203	2.87
K272580		2.60	<0.005	0.6	1.32	6	<10	420	<0.5	<2	1.57	<0.5	7	10	271	3.04
K272581		2.42	0.017	10.5	0.77	38	<10	340	0.6	<2	2.57	4.8	9	6	1785	3.20
K272582		2.19	0.030	7.1	1.07	17	<10	350	<0.5	<2	1.73	1.2	10	8	2320	3.00
K272583		2.84	0.038	3.6	0.82	74	<10	270	<0.5	<2	1.76	2.1	13	6	680	3.17
K272584		5.18	0.009	0.5	1.21	6	<10	440	<0.5	<2	1.39	<0.5	7	9	207	2.60
K272585		4.99	0.028	6.5	0.63	57	<10	300	0.6	<2	2.66	2.9	21	5	1290	3.30
K272586		2.43	0.008	1.1	1.50	11	<10	210	0.5	<2	2.16	0.9	7	8	351	2.88
K272587		0.10	1.530	35.6	5.14	150	<10	50	<0.5	5	4.75	33.3	87	58	7890	8.25
K272588		3.26	<0.005	0.4	1.06	5	<10	390	0.5	<2	1.33	<0.5	5	8	198	2.43
K272589		1.32	0.014	1.4	0.88	18	<10	230	0.5	<2	1.80	<0.5	10	6	495	3.00
K272590		4.63	0.008	0.7	1.17	4	<10	300	<0.5	<2	1.26	<0.5	6	9	304	2.57
K272591		4.27	<0.005	0.4	1.29	7	<10	220	<0.5	<2	1.54	<0.5	6	10	162	2.79
K272592		3.06	<0.005	1.1	0.82	16	<10	710	0.6	2	1.77	<0.5	9	5	434	2.74
K272593		4.39	0.041	1.4	0.70	337	<10	200	0.6	<2	1.33	3.5	7	5	47	3.06
K272594		3.15	<0.005	<0.2	0.06	2	<10	10	<0.5	<2	20.1	<0.5	<1	<1	2	0.40
K272595		2.96	0.010	0.4	0.78	36	<10	630	0.5	<2	2.44	1.1	9	5	13	3.48
K272596		3.58	<0.005	<0.2	1.31	<2	<10	460	<0.5	<2	1.16	<0.5	6	9	5	2.61
K272597		1.64	<0.005	<0.2	1.27	<2	<10	450	<0.5	<2	1.05	<0.5	6	9	5	2.54
K272598		2.91	0.010	0.5	0.98	106	<10	400	<0.5	<2	2.10	2.0	10	7	13	3.16
K272599		3.94	0.005	1.6	0.68	38	<10	370	0.6	<2	2.06	5.3	7	5	29	3.25

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VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11150141

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272564		<10	<1	0.30	20	0.67	1065	1	0.05	1	560	132	0.33	<2	5	90
K272565		<10	<1	0.23	20	0.65	1070	1	0.04	1	590	52	0.68	5	6	90
K272566		<10	<1	0.24	20	0.64	1015	66	0.03	1	580	27	0.36	4	6	92
K272567		<10	<1	0.32	20	0.65	1305	36	0.03	2	620	70	0.55	2	5	94
K272568		10	1	0.25	10	1.15	630	46	0.34	326	710	8520	8.09	32	4	82
K272569		10	1	0.33	30	0.64	641	8	0.05	2	670	36	0.28	<2	6	62
K272570		<10	<1	0.27	20	0.66	858	10	0.05	1	600	234	1.21	43	6	76
K272571		10	1	0.28	20	0.65	827	5	0.08	2	610	51	0.21	<2	6	67
K272572		10	<1	0.27	20	0.67	1320	<1	0.05	1	590	393	1.32	3	5	81
K272573		10	<1	0.27	20	0.79	1300	1	0.05	1	610	75	1.19	<2	6	76
K272574		10	<1	0.29	30	0.67	1355	<1	0.03	1	600	170	0.88	3	5	65
K272575		<10	<1	0.04	<10	11.90	184	<1	0.04	15	250	4	0.02	<2	<1	52
K272576		10	<1	0.23	20	0.69	1095	2	0.06	1	570	62	0.51	<2	5	65
K272577		10	<1	0.20	20	0.81	867	<1	0.10	2	710	11	0.13	<2	6	62
K272578		10	<1	0.22	20	0.73	927	<1	0.07	2	610	103	0.57	<2	5	65
K272579		10	<1	0.20	20	0.75	800	1	0.10	2	610	7	0.24	<2	5	68
K272580		10	<1	0.25	20	0.75	752	<1	0.09	2	650	10	0.20	<2	6	81
K272581		<10	<1	0.27	20	0.66	1060	1	0.04	1	600	159	1.03	5	7	114
K272582		10	<1	0.29	20	0.62	989	1	0.07	1	590	187	0.72	<2	5	85
K272583		<10	1	0.29	20	0.59	1260	<1	0.05	1	580	97	1.09	2	5	76
K272584		10	<1	0.27	20	0.65	548	3	0.10	2	590	10	0.16	<2	5	86
K272585		<10	<1	0.25	20	0.57	1345	1	0.03	<1	590	266	1.10	23	5	89
K272586		10	<1	0.21	20	0.71	691	1	0.10	2	610	12	0.34	<2	6	80
K272587		10	1	0.25	10	1.15	628	46	0.35	319	720	8500	8.18	30	4	83
K272588		10	<1	0.26	20	0.54	408	2	0.08	3	580	10	0.05	<2	5	63
K272589		<10	1	0.22	20	0.59	736	<1	0.05	2	700	13	0.50	3	7	82
K272590		10	1	0.20	20	0.62	419	1	0.09	1	570	6	0.12	<2	6	67
K272591		10	<1	0.18	20	0.75	529	8	0.10	2	670	10	0.14	<2	6	68
K272592		<10	<1	0.24	20	0.54	636	<1	0.04	2	630	21	0.42	10	6	72
K272593		<10	<1	0.21	30	0.43	1065	<1	0.02	1	660	358	0.68	4	8	48
K272594		<10	<1	0.03	<10	12.05	191	<1	0.02	<1	270	<2	0.02	<2	<1	57
K272595		<10	<1	0.28	20	0.88	2130	1	0.05	2	590	116	0.55	<2	6	95
K272596		10	<1	0.29	20	0.71	440	1	0.13	2	650	6	0.01	<2	5	59
K272597		10	<1	0.28	20	0.67	422	1	0.13	1	620	5	0.01	<2	5	55
K272598		<10	<1	0.27	20	0.78	1185	<1	0.06	2	640	115	0.71	<2	6	91
K272599		<10	<1	0.28	20	0.67	1575	2	0.03	2	640	352	0.73	6	6	75

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Finalized Date: 9- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11150141

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272564		<20	0.04	<10	<10	39	<10	426	<1
K272565		<20	0.01	<10	<10	38	<10	160	3
K272566		<20	0.01	<10	<10	34	20	67	1
K272567		<20	<0.01	<10	<10	28	<10	133	<1
K272568		<20	0.06	<10	<10	324	<10	7820	28
K272569		20	0.08	<10	<10	51	<10	86	1
K272570		<20	0.01	<10	<10	33	<10	193	11
K272571		<20	0.06	<10	<10	47	<10	89	<1
K272572		<20	0.01	<10	<10	37	<10	548	2
K272573		<20	0.02	<10	<10	41	<10	154	2
K272574		20	0.02	<10	<10	37	10	248	5
K272575		<20	<0.01	<10	<10	2	<10	26	<1
K272576		<20	0.04	<10	<10	45	<10	110	<1
K272577		<20	0.09	<10	<10	63	<10	56	<1
K272578		<20	0.07	<10	<10	52	<10	257	3
K272579		<20	0.09	<10	<10	56	<10	44	<1
K272580		<20	0.07	<10	<10	57	<10	47	<1
K272581		<20	<0.01	<10	<10	34	<10	530	9
K272582		20	0.05	<10	<10	43	<10	186	6
K272583		<20	0.03	<10	<10	37	<10	328	4
K272584		<20	0.09	<10	<10	52	<10	44	<1
K272585		<20	<0.01	<10	<10	27	<10	299	6
K272586		<20	0.04	<10	<10	49	<10	104	<1
K272587		<20	0.06	<10	<10	324	<10	7790	30
K272588		20	0.05	<10	<10	44	<10	38	1
K272589		<20	0.01	<10	<10	41	<10	52	1
K272590		20	0.05	<10	<10	49	<10	34	<1
K272591		<20	0.07	<10	<10	57	<10	41	<1
K272592		<20	0.02	<10	<10	35	<10	59	1
K272593		<20	0.01	<10	<10	31	<10	464	1
K272594		<20	<0.01	<10	<10	2	<10	17	<1
K272595		<20	0.02	<10	<10	35	<10	178	<1
K272596		<20	0.14	<10	<10	61	<10	34	<1
K272597		<20	0.14	<10	<10	59	<10	33	<1
K272598		<20	0.03	<10	<10	43	<10	294	2
K272599		<20	0.01	<10	<10	32	<10	721	2

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VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11150142

Project: Klaza- DDH- 24

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11150142

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272600		3.01	0.006	0.7	0.61	23	<10	530	0.6	<2	2.47	2.4	11	5	8	3.26
K272601		3.86	0.018	0.9	0.89	33	<10	440	0.7	<2	3.33	5.4	6	5	11	3.38
K272602		3.55	<0.005	0.2	0.76	12	<10	570	0.5	<2	2.23	<0.5	4	5	22	2.56
K272603		4.72	<0.005	<0.2	0.97	7	<10	470	<0.5	<2	1.38	<0.5	5	7	2	2.45
K272604		3.20	<0.005	<0.2	1.21	5	<10	480	<0.5	<2	1.49	<0.5	6	9	4	2.66
K272605		2.48	<0.005	0.2	1.03	4	<10	220	0.5	<2	1.75	<0.5	5	8	4	2.80
K272606		5.79	<0.005	<0.2	1.05	7	<10	320	<0.5	<2	1.42	<0.5	5	9	3	2.68
K272607		3.90	0.062	1.2	0.67	116	<10	340	0.6	<2	2.04	2.6	7	6	18	3.44
K272608		4.49	1.245	33.8	0.54	2200	<10	20	0.6	25	2.00	60.7	21	4	946	8.51
K272609		2.41	<0.005	<0.2	0.05	2	<10	10	<0.5	<2	20.1	0.6	1	<1	2	0.41
K272610		4.15	0.019	0.7	0.91	27	<10	360	<0.5	<2	2.14	<0.5	8	7	11	3.26
K272611		4.60	0.005	<0.2	0.99	5	<10	360	<0.5	<2	1.51	<0.5	5	8	3	2.64
K272612		2.16	0.016	0.3	1.00	7	<10	370	<0.5	<2	1.53	<0.5	6	8	5	2.84
K272613		4.06	<0.005	<0.2	0.89	7	<10	450	0.6	<2	2.60	<0.5	6	6	3	2.79
K272614		3.24	<0.005	<0.2	1.07	3	<10	440	<0.5	<2	1.07	<0.5	6	9	4	2.62
K272615		0.11	1.530	34.7	5.09	159	<10	50	<0.5	<2	4.75	34.8	93	60	7550	8.75
K272616		4.06	<0.005	<0.2	0.96	7	<10	380	<0.5	<2	1.73	<0.5	6	9	3	2.89
K272617		2.75	<0.005	<0.2	0.80	8	<10	350	0.6	<2	2.19	1.2	6	6	3	2.65
K272618		2.50	0.006	0.3	0.53	15	<10	800	0.5	<2	3.16	<0.5	7	3	17	2.55
K272619		6.30	0.008	0.2	0.65	31	<10	620	0.6	<2	2.65	<0.5	13	5	8	2.78
K272620		5.49	0.007	<0.2	0.81	15	<10	430	<0.5	<2	2.00	<0.5	5	6	2	2.58
K272621		2.40	0.066	1.6	0.53	194	<10	340	0.7	<2	3.02	11.2	7	3	18	3.73
K272622		2.00	0.007	0.8	0.78	83	<10	240	0.6	<2	1.29	5.9	6	5	14	3.55
K272623		1.96	0.041	3.5	0.44	181	<10	60	0.5	2	1.80	36.0	9	4	66	7.40
K272624		2.18	<0.005	<0.2	0.05	<2	<10	40	<0.5	<2	21.3	<0.5	1	<1	1	0.43
K272625		3.67	<0.005	0.2	0.83	10	<10	780	0.5	<2	1.50	<0.5	6	5	16	2.45
K272626		2.87	0.039	2.7	1.05	286	<10	140	0.8	<2	3.23	2.7	4	4	141	4.30
K272627		3.84	<0.005	<0.2	1.42	11	<10	420	0.6	<2	2.11	<0.5	6	6	4	2.83
K272628		2.55	<0.005	0.4	1.61	10	<10	240	0.8	<2	2.34	0.7	6	6	50	2.92
K272629		4.90	<0.005	<0.2	1.37	9	<10	370	0.6	<2	1.62	<0.5	6	7	4	2.90
K272630		2.88	<0.005	0.2	0.75	26	<10	200	0.6	<2	3.80	<0.5	8	3	23	2.86
K272631		1.71	0.017	2.3	1.31	259	<10	160	0.7	<2	3.66	5.5	16	3	252	6.00
K272632		2.72	0.014	2.2	0.94	282	<10	180	0.6	2	2.94	7.1	18	3	203	4.18
K272633		1.99	0.006	0.4	0.92	30	<10	270	0.7	<2	3.08	<0.5	7	5	29	2.99
K272634		0.10	1.490	34.8	5.11	159	<10	40	<0.5	6	4.74	34.0	94	60	7630	8.68
K272635		5.13	<0.005	0.2	0.79	20	<10	970	0.7	<2	3.26	<0.5	6	3	18	2.97

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VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11150142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272600		<10	<1	0.29	20	0.79	1440	<1	0.04	1	640	172	0.62	<2	6	107
K272601		<10	<1	0.29	20	1.00	1680	<1	0.03	1	590	139	0.70	<2	7	112
K272602		<10	<1	0.23	30	0.64	650	1	0.05	2	590	11	0.08	4	6	82
K272603		<10	<1	0.19	20	0.60	451	1	0.07	1	570	6	0.02	<2	6	73
K272604		<10	<1	0.23	20	0.68	483	1	0.09	2	640	6	0.02	<2	6	79
K272605		<10	<1	0.17	20	0.62	652	1	0.06	2	650	28	0.06	<2	7	66
K272606		<10	<1	0.19	20	0.70	506	1	0.07	1	650	6	0.03	<2	6	63
K272607		<10	<1	0.28	20	0.71	1465	1	0.03	1	630	124	0.85	5	7	74
K272608		<10	3	0.32	10	0.84	1915	8	0.02	<1	560	3110	7.53	211	5	45
K272609		<10	<1	0.03	<10	12.05	189	<1	0.01	<1	260	7	0.02	<2	<1	53
K272610		<10	<1	0.26	20	0.84	662	1	0.06	2	720	21	0.82	<2	7	102
K272611		<10	<1	0.20	20	0.69	495	<1	0.08	1	640	9	0.09	<2	6	80
K272612		<10	<1	0.19	20	0.70	552	1	0.08	2	690	13	0.12	<2	7	82
K272613		<10	<1	0.19	20	0.74	797	<1	0.04	1	680	12	0.07	<2	8	114
K272614		<10	<1	0.27	20	0.65	381	<1	0.09	2	630	9	0.05	<2	5	61
K272615		10	<1	0.25	<10	1.17	670	47	0.33	317	720	8830	7.72	27	5	80
K272616		<10	<1	0.24	20	0.68	814	<1	0.06	2	650	18	0.16	<2	6	84
K272617		<10	<1	0.21	20	0.46	792	<1	0.02	1	640	220	0.11	2	9	109
K272618		<10	<1	0.27	20	0.70	1095	2	0.01	2	560	26	0.32	3	5	107
K272619		<10	<1	0.29	20	0.71	779	1	0.02	2	630	20	0.39	2	5	92
K272620		<10	<1	0.22	20	0.66	504	2	0.05	2	610	15	0.11	<2	6	78
K272621		<10	<1	0.32	10	1.04	1860	<1	0.01	1	600	602	0.95	3	6	107
K272622		<10	<1	0.27	20	0.48	1150	1	0.01	1	680	426	0.64	<2	8	41
K272623		<10	<1	0.35	10	0.92	2450	1	0.01	<1	500	566	4.22	4	4	43
K272624		<10	<1	0.02	<10	12.75	208	<1	0.01	1	260	3	0.02	<2	<1	58
K272625		<10	<1	0.22	20	0.50	777	1	0.01	1	640	15	0.20	6	7	50
K272626		<10	<1	0.27	20	0.79	1325	1	0.01	1	630	176	1.52	5	6	126
K272627		<10	<1	0.20	20	0.61	431	1	0.03	1	610	15	0.22	2	7	81
K272628		<10	<1	0.21	20	0.54	470	<1	0.03	1	600	33	0.19	3	7	126
K272629		<10	<1	0.21	20	0.64	464	1	0.05	1	640	18	0.14	<2	7	118
K272630		<10	<1	0.19	20	0.68	732	<1	0.01	1	590	14	0.40	3	7	121
K272631		<10	<1	0.28	10	0.81	1135	<1	0.02	1	830	173	2.46	17	7	133
K272632		<10	<1	0.27	10	0.71	911	1	0.03	2	620	240	1.87	12	6	99
K272633		<10	<1	0.28	10	0.85	833	<1	0.02	<1	590	23	0.56	2	6	111
K272634		10	2	0.25	<10	1.17	666	46	0.33	319	720	8820	7.71	28	5	80
K272635		<10	<1	0.27	20	0.91	828	<1	0.01	1	610	16	0.33	2	6	144

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Finalized Date: 7- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 24

CERTIFICATE OF ANALYSIS WH11150142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272600		<20	<0.01	<10	<10	34	<10	350	<1
K272601		<20	0.01	<10	<10	34	<10	513	<1
K272602		<20	0.01	<10	<10	32	<10	47	1
K272603		20	0.05	<10	<10	45	<10	32	1
K272604		<20	0.08	<10	<10	53	<10	34	1
K272605		<20	0.04	<10	<10	50	<10	58	1
K272606		<20	0.08	<10	<10	53	<10	36	<1
K272607		<20	0.01	<10	<10	34	<10	250	1
K272608		<20	<0.01	<10	<10	23	<10	4250	34
K272609		<20	<0.01	<10	<10	1	<10	55	1
K272610		<20	0.03	<10	<10	45	<10	59	<1
K272611		<20	0.05	<10	<10	48	<10	39	<1
K272612		<20	0.05	<10	<10	50	<10	53	1
K272613		<20	0.02	<10	<10	44	<10	47	<1
K272614		20	0.11	<10	<10	56	<10	33	1
K272615		<20	0.06	<10	<10	333	<10	7760	33
K272616		<20	0.05	<10	<10	48	<10	49	<1
K272617		20	0.01	<10	<10	40	<10	153	1
K272618		<20	<0.01	<10	<10	22	<10	71	1
K272619		<20	<0.01	<10	<10	22	<10	59	<1
K272620		<20	0.02	<10	<10	38	<10	42	<1
K272621		<20	<0.01	<10	<10	27	<10	943	2
K272622		<20	<0.01	<10	<10	35	<10	511	1
K272623		<20	<0.01	<10	<10	21	<10	2940	4
K272624		<20	<0.01	<10	<10	1	<10	19	<1
K272625		<20	<0.01	<10	<10	29	<10	59	1
K272626		20	<0.01	<10	<10	28	<10	268	3
K272627		20	0.01	<10	<10	41	<10	50	1
K272628		20	0.01	<10	<10	38	<10	92	1
K272629		20	0.04	<10	<10	49	<10	40	<1
K272630		20	<0.01	<10	<10	28	<10	41	1
K272631		20	<0.01	<10	<10	25	<10	505	3
K272632		<20	<0.01	<10	<10	25	<10	641	2
K272633		<20	<0.01	<10	<10	25	<10	66	1
K272634		<20	0.06	<10	<10	332	<10	7680	33
K272635		20	<0.01	<10	<10	22	<10	52	1

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VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11150834

Project: Klaza - DDH - 12

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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VANCOUVER BC V6B 1L8

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 12

CERTIFICATE OF ANALYSIS WH11150834

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K271001		<0.005
K271002		<0.005
K271003		<0.005
K271004		<0.005
K271005		0.019
K271006		0.191
K271007		<0.005
K271008		<0.005
K271009		<0.005
K271010		<0.005
K271011		<0.005
K271012		<0.005
K271013		<0.005
K271014		<0.005
K271015		<0.005
K271016		<0.005
K271017		1.520
K271018		<0.005
K271019		<0.005
K271020		0.105
K271021		0.005
K271022		<0.005
K271023		0.115
K271024		0.017
K271025		<0.005
K271026		<0.005
K271027		<0.005
K271028		<0.005
K271029		1.495
K271030		<0.005
K271031		<0.005
K271032		<0.005
K271033		<0.005
K271034		<0.005
K271035		0.071
K271036		0.011

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Finalized Date: 26- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11150835

Project: Klaza- DDH- 13

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 26- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 13

CERTIFICATE OF ANALYSIS WH11150835

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K271373		<0.005
K271374		0.051
K271375		1.130
K271376		<0.005
K271377		0.015
K271378		0.594
K271379		0.057
K271380		0.092
K271381		1.340
K271382		<0.005
K271383		<0.005
K271384		<0.005
K271385		<0.005
K271386		0.272
K271387		2.28
K271388		<0.005
K271389		1.580
K271390		1.185
K271391		1.390
K271392		0.005
K271393		0.608
K271394		0.027
K271395		0.437
K271396		0.007
K271397		<0.005
K271398		0.009
K271399		0.257
K271400		0.035
K271401		0.257
K271402		3.26
K271403		0.678
K271404		0.047
K271405		1.030
K271406		0.045
K271407		0.152
K271408		0.054

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11150836

Project: Klaza- DDH- 12

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 12

CERTIFICATE OF ANALYSIS WH11150836

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K271073		0.680
K271074		<0.005
K271075		0.127
K271076		0.231
K271077		0.020
K271078		0.025
K271079		0.040
K271080		0.093
K271081		<0.005
K271082		3.41
K271083		<0.005
K271084		0.024
K271085		<0.005
K271086		0.035
K271087		0.135
K271088		0.048
K271089		0.283
K271090		0.011
K271091		<0.005
K271092		<0.005
K271093		<0.005
K271094		<0.005
K271095		0.263
K271096		0.542
K271097		0.006
K271098		5.87
K271099		<0.005
K271100		0.866
K271101		0.084
K271102		0.009
K271103		1.545
K271104		0.007
K271105		0.233
K271106		<0.005
K271107		0.020
K271108		<0.005

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Finalized Date: 19- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11152729

Project: Klaza- DDH- 31

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11152729

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270181		6.51	<0.005	1.5	0.98	4	<10	170	<0.5	<2	1.23	4.4	5	8	10	2.44
K270182		6.86	<0.005	<0.2	1.07	12	<10	170	<0.5	<2	1.37	1.5	5	9	6	2.59
K270183		9.38	<0.005	<0.2	1.17	10	<10	130	<0.5	<2	1.28	0.5	5	8	7	2.58
K270184		11.88	0.018	1.7	0.97	9	<10	250	<0.5	<2	1.38	9.0	5	10	11	2.80
K270185		11.18	0.791	26.6	0.69	2040	<10	70	0.6	2	1.17	132.0	4	3	191	4.43
K270186		3.18	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.5	<0.5	1	<1	1	0.39
K270187		10.77	0.015	0.9	0.75	28	<10	440	0.7	<2	0.91	19.4	6	5	23	2.98
K270188		12.45	0.020	1.5	0.73	57	<10	360	0.7	<2	1.61	12.2	6	4	16	2.85
K270189		10.56	0.012	0.4	0.55	26	<10	1420	0.6	<2	1.91	3.3	5	3	6	2.66
K270190		2.31	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	19.1	<0.5	1	<1	1	0.37
K270191		6.72	0.039	2.1	0.84	174	<10	110	0.6	2	1.76	9.7	4	4	12	4.04
K270192		8.27	0.006	0.4	0.71	46	<10	380	0.5	4	1.75	2.2	6	5	11	2.52
K270193		12.27	0.008	<0.2	0.60	17	<10	620	0.7	4	2.39	1.2	5	4	6	2.04
K270194		11.02	0.043	1.1	0.41	48	<10	190	0.6	3	2.75	6.0	8	3	3	2.06
K270195		9.38	<0.005	<0.2	0.95	8	<10	380	<0.5	<2	1.48	1.1	7	7	5	2.47
K270196		0.09	1.635	31.5	4.66	141	<10	50	<0.5	24	4.43	32.2	90	57	6860	8.04
K270197		10.33	0.128	1.4	0.72	81	<10	190	0.7	<2	2.34	4.2	7	4	21	2.41
K270198		5.55	0.363	49.1	0.61	374	<10	50	0.6	3	3.04	103.0	6	3	65	3.38
K270199		9.45	<0.005	0.3	1.13	8	<10	200	<0.5	3	1.10	1.0	6	7	10	2.33
K270200		5.16	<0.005	0.2	1.24	5	<10	220	<0.5	3	1.16	0.5	6	8	10	2.40
K270201		13.57	0.007	0.3	1.22	32	<10	180	<0.5	4	1.11	2.8	6	8	14	2.45
K270202		12.69	<0.005	<0.2	1.20	8	<10	110	<0.5	2	0.95	<0.5	5	8	10	2.22
K270203		13.63	0.054	7.5	1.25	20	<10	170	<0.5	2	1.21	13.6	6	8	25	2.55
K270204		11.79	<0.005	<0.2	1.03	14	<10	140	<0.5	2	1.23	<0.5	9	8	7	2.65
K270205		13.41	<0.005	0.2	1.01	10	<10	400	<0.5	3	1.37	<0.5	6	7	6	2.47
K270206		8.76	0.401	31.0	0.46	415	<10	170	0.7	3	2.11	34.1	6	4	117	3.15
K270207		7.44	0.022	0.7	0.56	48	<10	410	0.8	2	2.36	1.0	6	3	4	2.46
K270208		0.09	1.505	32.2	4.68	142	<10	50	<0.5	9	4.43	32.0	89	56	6890	8.03
K270209		10.10	<0.005	0.2	1.28	10	<10	220	0.5	2	1.22	<0.5	6	8	17	2.58
K270210		9.53	0.006	<0.2	0.98	10	<10	300	<0.5	<2	1.38	1.0	6	7	7	2.52
K270211		10.07	0.015	0.6	1.07	23	<10	810	0.5	<2	1.90	3.1	6	6	6	2.81
K270212		11.43	0.173	6.4	0.59	117	<10	160	0.8	2	2.82	15.1	6	5	23	3.14
K270213		11.45	0.110	4.5	0.39	390	<10	190	0.6	2	2.49	19.0	5	3	27	3.29
K270214		9.54	<0.005	<0.2	1.14	5	<10	140	<0.5	2	1.14	<0.5	6	8	12	2.46
K270215		11.28	<0.005	<0.2	1.24	9	<10	190	<0.5	3	1.07	<0.5	5	8	11	2.43
K270216		11.36	<0.005	<0.2	1.12	11	<10	160	<0.5	2	0.79	<0.5	5	8	14	2.30

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VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11152729

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270181		<10	<1	0.16	20	0.50	555	2	0.08	1	580	420	0.03	2	5	44
K270182		<10	<1	0.15	20	0.62	498	2	0.08	1	590	59	0.02	<2	6	50
K270183		<10	1	0.15	20	0.68	521	2	0.07	2	590	27	0.02	<2	6	47
K270184		<10	<1	0.21	20	0.60	811	2	0.07	1	570	563	0.10	2	6	55
K270185		<10	1	0.34	10	0.38	1480	3	0.02	1	520	4550	2.64	29	5	23
K270186		<10	<1	0.02	<10	12.00	189	1	0.03	2	210	4	0.01	<2	<1	53
K270187		<10	1	0.18	30	0.29	986	2	0.03	2	610	179	0.12	5	9	28
K270188		<10	<1	0.24	20	0.36	1195	2	0.03	2	580	406	0.10	4	8	44
K270189		<10	1	0.19	10	0.54	1250	4	0.03	1	520	78	0.23	3	8	59
K270190		<10	<1	0.03	<10	11.60	175	1	0.03	1	240	2	0.01	<2	<1	53
K270191		<10	1	0.31	10	0.58	2190	3	0.03	1	570	751	1.34	3	6	44
K270192		<10	1	0.21	20	0.66	762	3	0.04	3	600	69	0.15	2	7	76
K270193		<10	<1	0.25	20	0.63	763	3	0.01	2	470	43	0.23	2	7	101
K270194		<10	1	0.29	30	0.66	1600	1	<0.01	1	570	237	1.02	<2	4	85
K270195		<10	<1	0.20	20	0.66	554	2	0.08	3	610	25	0.16	<2	5	65
K270196		10	<1	0.23	10	1.12	606	44	0.33	320	650	8070	6.85	29	4	78
K270197		<10	1	0.44	20	0.65	2190	2	<0.01	3	540	235	1.21	5	5	66
K270198		<10	1	0.38	10	0.96	2460	2	<0.01	2	500	>10000	2.51	40	4	76
K270199		10	<1	0.16	10	0.59	389	2	0.09	2	560	53	0.06	<2	4	43
K270200		10	<1	0.18	10	0.62	401	2	0.11	2	570	32	0.05	<2	4	47
K270201		10	<1	0.20	20	0.57	449	1	0.11	2	560	147	0.16	<2	4	43
K270202		10	<1	0.11	10	0.57	302	2	0.08	2	560	11	0.01	<2	2	33
K270203		10	1	0.21	20	0.63	503	2	0.10	2	530	2210	0.28	4	4	47
K270204		10	1	0.12	10	0.65	483	2	0.06	2	560	15	0.09	<2	5	40
K270205		10	1	0.15	20	0.64	478	2	0.06	3	560	9	0.03	<2	5	52
K270206		<10	1	0.29	10	0.65	2140	2	<0.01	2	480	9350	1.42	35	4	52
K270207		<10	<1	0.28	20	0.69	1365	1	0.01	1	510	132	0.67	2	6	67
K270208		10	1	0.23	10	1.12	607	43	0.34	319	650	8060	6.85	24	4	78
K270209		10	1	0.20	20	0.68	428	2	0.08	3	550	29	0.05	<2	5	52
K270210		<10	1	0.18	20	0.64	559	1	0.07	3	550	48	0.06	<2	6	62
K270211		10	1	0.20	20	0.82	809	1	0.05	2	590	163	0.26	<2	6	71
K270212		<10	1	0.31	20	0.70	2110	2	<0.01	2	480	2300	1.15	7	6	74
K270213		<10	<1	0.31	10	0.73	2850	2	<0.01	2	490	1370	1.22	7	5	40
K270214		10	1	0.14	10	0.68	430	3	0.08	3	600	18	0.01	<2	4	44
K270215		10	1	0.18	20	0.66	357	2	0.11	1	560	13	0.02	<2	4	50
K270216		10	<1	0.12	10	0.66	324	2	0.08	2	570	9	0.01	<2	3	37

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VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11152729

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K270181		<20	0.06	<10	<10	45	<10	365	2	
K270182		<20	0.05	<10	<10	50	<10	121	<1	
K270183		<20	0.03	<10	<10	49	<10	85	<1	
K270184		<20	0.03	<10	<10	43	<10	695	<1	
K270185		<20	<0.01	<10	<10	22	<10	8670	23	
K270186		<20	<0.01	<10	20	1	<10	24	<1	
K270187		<20	<0.01	<10	<10	41	<10	1490	<1	
K270188		<20	<0.01	<10	<10	37	<10	1010	1	
K270189		<20	<0.01	<10	<10	32	<10	320	<1	
K270190		<20	<0.01	<10	10	1	<10	16	<1	
K270191		<20	<0.01	<10	<10	27	<10	766	1	
K270192		<20	0.03	<10	<10	39	<10	195	<1	
K270193		20	<0.01	<10	<10	29	<10	103	<1	
K270194		<20	<0.01	<10	<10	10	<10	448	<1	
K270195		<20	0.07	<10	<10	49	<10	98	<1	
K270196		<20	0.05	10	<10	306	20	7360	29	
K270197		<20	<0.01	<10	<10	15	<10	367	<1	
K270198		<20	<0.01	<10	<10	14	20	6680	49	1.525
K270199		<20	0.12	<10	<10	51	<10	98	<1	
K270200		<20	0.13	<10	<10	54	<10	56	<1	
K270201		<20	0.12	<10	<10	51	<10	250	<1	
K270202		<20	0.13	<10	<10	51	<10	29	<1	
K270203		<20	0.11	<10	<10	49	<10	930	6	
K270204		<20	0.10	<10	<10	54	<10	36	<1	
K270205		<20	0.07	<10	<10	47	<10	37	<1	
K270206		<20	<0.01	<10	<10	15	<10	2370	31	
K270207		<20	<0.01	<10	<10	19	<10	96	<1	
K270208		<20	0.05	<10	<10	305	20	7290	29	
K270209		<20	0.06	<10	<10	49	<10	54	<1	
K270210		<20	0.04	<10	<10	44	<10	91	<1	
K270211		<20	0.02	<10	<10	42	<10	231	<1	
K270212		<20	<0.01	<10	<10	22	<10	1090	5	
K270213		<20	<0.01	<10	<10	14	<10	1335	3	
K270214		<20	0.11	<10	<10	53	<10	37	<1	
K270215		<20	0.12	<10	<10	54	<10	31	<1	
K270216		<20	0.14	<10	<10	52	<10	30	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11152740

Project: Klaza- DDH- 27

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11152740

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K269702		7.57	0.006		0.3	0.97	6	<10	150	<0.5	<2	1.45	<0.5	6	6	9
K269703		12.40	0.394		7.0	0.50	302	<10	30	0.6	8	2.70	5.5	6	3	57
K269704		2.23	<0.005		<0.2	0.06	3	<10	30	<0.5	<2	19.0	<0.5	1	1	1
K269705		10.45	0.850		7.6	0.47	422	<10	90	0.7	<2	2.38	24.5	6	3	84
K269706		7.05	<0.005		0.3	0.71	7	<10	90	0.6	<2	2.44	<0.5	6	4	4
K269707		7.28	0.024		0.5	1.23	18	<10	120	0.9	<2	2.26	0.5	7	3	9
K269708		3.88	0.021		0.6	0.79	29	<10	290	0.6	<2	3.05	3.7	5	3	11
K269709		5.54	0.022		1.0	0.62	41	<10	40	0.7	<2	1.82	2.3	6	4	7
K269710		2.07	0.012		0.8	0.52	22	<10	50	0.7	<2	1.99	1.8	5	4	7
K269711		9.82	0.017		1.3	0.70	12	<10	220	0.8	<2	2.14	6.6	5	4	10
K269712		6.58	0.006		0.5	0.92	6	<10	350	0.7	<2	2.31	1.0	7	6	4
K269713		9.43	<0.005		0.3	1.23	15	<10	220	0.7	<2	2.19	<0.5	8	5	6
K269714		5.36	0.012		0.6	0.73	20	<10	530	0.7	<2	2.91	<0.5	8	4	8
K269715		5.01	0.012		0.5	0.68	18	<10	900	0.7	<2	2.51	<0.5	6	4	10
K269716		0.16	3.39		>100	0.18	>10000	<10	10	<0.5	3	0.41	325	1	9	1595
K269717		9.30	<0.005		0.5	0.68	6	<10	2270	0.9	<2	1.60	<0.5	4	5	7
K269718		3.09	0.313		2.6	0.64	392	<10	500	0.8	<2	2.81	5.6	6	4	17
K269719		1.92	>10.0	21.3	38.7	0.49	8660	<10	30	0.7	<2	1.84	97.8	9	3	188
K269720		2.04	0.014		<0.2	0.05	5	<10	40	<0.5	<2	19.8	<0.5	1	1	1
K269721		3.34	2.02		11.5	0.45	871	<10	70	0.8	<2	1.73	24.2	6	3	68
K269722		8.23	0.009		0.4	0.95	37	<10	460	0.7	<2	1.85	<0.5	7	5	48
K269723		8.68	0.007		0.5	0.66	21	<10	460	0.7	<2	2.44	<0.5	6	4	8
K269724		6.05	<0.005		0.3	0.86	13	<10	190	0.7	<2	1.89	<0.5	7	4	26
K269725		4.23	0.006		0.3	0.56	13	<10	570	0.6	<2	2.63	<0.5	5	4	7
K269726		11.01	<0.005		0.3	1.04	10	<10	250	<0.5	<2	1.78	<0.5	5	6	11
K269727		5.36	<0.005		0.3	0.67	16	<10	70	0.6	<2	2.36	<0.5	7	4	38
K269728		10.64	0.012		0.5	0.59	19	<10	40	0.5	2	2.25	<0.5	7	4	47
K269729		9.22	0.022		1.2	0.64	22	<10	40	0.5	<2	2.85	0.6	6	4	16
K269730		11.24	0.012		<0.2	1.00	23	<10	170	<0.5	<2	1.73	<0.5	5	6	13
K269731		0.16	3.23		>100	0.17	>10000	<10	10	<0.5	<2	0.40	324	2	9	1555
K269732		11.22	<0.005		0.2	1.09	29	<10	190	0.5	<2	1.26	<0.5	5	6	6
K269733		5.71	0.137		1.3	1.27	463	<10	110	0.7	<2	2.55	6.6	6	5	14
K269734		4.35	<0.005		<0.2	1.12	7	<10	150	<0.5	<2	2.18	<0.5	6	6	6
K269735		2.81	0.005		0.2	1.00	10	<10	190	0.5	<2	2.32	<0.5	7	6	9
K269736		11.94	0.030		0.7	0.57	130	<10	60	0.5	<2	2.80	2.3	5	6	17
K269737		10.24	<0.005		<0.2	1.12	5	<10	220	<0.5	<2	2.06	1.2	6	7	7

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11152740

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269702		2.59	<10	<1	0.17	20	0.56	382	3	0.06	1	540	10	1.25	<2	5
K269703		3.04	<10	<1	0.27	20	0.62	967	3	0.01	1	520	402	2.35	6	4
K269704		0.39	<10	<1	0.04	10	11.80	179	2	0.02	1	250	3	0.02	2	<1
K269705		3.04	<10	1	0.28	20	0.73	983	8	0.02	1	480	1470	2.01	14	5
K269706		2.43	<10	<1	0.19	20	0.66	669	2	0.01	<1	590	18	0.98	<2	7
K269707		3.11	<10	<1	0.17	20	0.56	418	3	0.02	4	570	55	1.05	<2	6
K269708		2.01	<10	<1	0.16	20	0.42	534	2	0.02	2	500	70	0.70	<2	6
K269709		2.56	<10	<1	0.27	20	0.49	675	4	0.01	1	520	127	1.66	2	4
K269710		2.36	<10	<1	0.22	20	0.50	729	3	0.01	1	510	96	1.26	2	5
K269711		2.67	<10	<1	0.19	20	0.59	736	3	0.01	<1	570	303	0.75	2	8
K269712		2.44	<10	<1	0.17	20	0.61	557	3	0.04	1	550	93	0.73	<2	6
K269713		2.72	<10	<1	0.19	30	0.65	533	3	0.05	<1	680	18	0.36	<2	7
K269714		2.82	<10	1	0.20	30	0.91	952	3	0.02	1	600	18	0.54	<2	9
K269715		2.43	<10	1	0.22	20	0.84	989	3	0.02	1	530	15	0.33	4	8
K269716		13.55	<10	<1	0.08	<10	0.18	1445	3	0.02	8	140	>10000	>10.0	541	1
K269717		1.82	<10	<1	0.25	10	0.70	532	<1	0.01	8	500	7	0.13	2	5
K269718		2.63	<10	<1	0.22	20	0.94	1130	3	0.02	3	510	343	0.51	3	7
K269719		4.29	<10	1	0.29	10	0.58	840	58	0.02	6	480	3670	3.42	58	4
K269720		0.37	<10	<1	0.03	10	11.95	177	<1	<0.01	2	290	5	0.02	<2	<1
K269721		2.82	<10	1	0.25	10	0.50	1200	15	0.01	3	410	1220	1.92	23	4
K269722		2.61	<10	<1	0.19	20	0.63	630	3	0.03	<1	550	26	0.57	4	7
K269723		2.28	<10	1	0.23	20	0.57	760	3	0.02	2	490	22	0.48	2	7
K269724		2.58	<10	1	0.19	20	0.57	438	3	0.04	1	540	11	0.76	3	8
K269725		2.43	<10	1	0.19	10	0.66	617	3	0.02	1	490	11	0.38	2	8
K269726		2.55	<10	<1	0.18	20	0.68	458	4	0.07	1	580	13	0.60	2	7
K269727		2.58	<10	<1	0.28	20	0.54	500	3	0.03	<1	530	18	1.44	8	5
K269728		2.58	<10	<1	0.27	20	0.52	418	3	0.02	1	530	17	1.96	10	4
K269729		3.41	<10	<1	0.30	20	0.43	615	2	0.03	1	510	223	3.02	3	4
K269730		2.34	<10	1	0.18	20	0.62	510	2	0.06	1	550	13	0.57	<2	4
K269731		13.50	<10	2	0.07	<10	0.17	1445	2	0.02	8	140	>10000	>10.0	563	1
K269732		2.35	<10	<1	0.16	20	0.66	533	3	0.08	1	570	32	0.35	2	4
K269733		3.27	<10	1	0.31	20	0.64	1145	2	0.03	1	550	284	1.90	5	5
K269734		2.60	<10	1	0.13	20	0.69	549	2	0.06	1	540	18	0.44	<2	6
K269735		2.74	<10	<1	0.27	20	0.64	654	2	0.05	1	550	23	1.07	2	5
K269736		2.54	<10	1	0.33	10	0.54	1020	2	0.03	1	490	109	1.78	4	4
K269737		2.28	<10	<1	0.25	20	0.69	511	1	0.07	1	540	29	0.94	<2	5

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11152740

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K269702		98	<20	0.01	<10	<10	32	<10	47	<1		
K269703		118	<20	<0.01	<10	<10	12	<10	407	5		
K269704		56	<20	<0.01	<10	<10	3	<10	20	1		
K269705		108	<20	<0.01	<10	<10	15	<10	1710	8		
K269706		95	<20	<0.01	<10	<10	31	<10	52	1		
K269707		118	20	<0.01	<10	<10	26	<10	65	1		
K269708		129	<20	<0.01	<10	<10	21	<10	270	<1		
K269709		100	<20	<0.01	<10	<10	14	<10	183	1		
K269710		116	<20	<0.01	<10	<10	15	<10	150	1		
K269711		156	<20	<0.01	<10	<10	28	<10	429	1		
K269712		167	<20	0.01	<10	<10	31	<10	99	<1		
K269713		178	<20	0.01	<10	<10	38	<10	45	<1		
K269714		208	<20	<0.01	<10	<10	28	<10	50	<1		
K269715		253	<20	<0.01	<10	<10	28	<10	45	<1		
K269716		23	<20	<0.01	<10	<10	7	170	>10000	442	3.18	3.57
K269717		522	<20	<0.01	<10	<10	16	<10	42	1		
K269718		262	<20	<0.01	<10	<10	27	<10	431	3		
K269719		159	<20	<0.01	<10	10	13	<10	6990	39		
K269720		59	<20	<0.01	<10	<10	3	<10	20	1		
K269721		128	<20	<0.01	<10	<10	11	<10	1770	12		
K269722		130	<20	<0.01	<10	<10	32	<10	61	1		
K269723		164	<20	<0.01	<10	<10	28	<10	57	<1		
K269724		142	<20	<0.01	<10	<10	33	<10	44	<1		
K269725		170	<20	<0.01	<10	<10	32	<10	36	<1		
K269726		98	<20	0.01	<10	<10	43	<10	43	<1		
K269727		113	<20	<0.01	<10	<10	20	<10	49	<1		
K269728		116	<20	<0.01	<10	<10	13	<10	40	1		
K269729		97	<20	<0.01	<10	<10	15	<10	76	1		
K269730		89	20	0.04	<10	<10	38	<10	39	<1		
K269731		19	<20	<0.01	<10	<10	7	140	>10000	433	3.12	3.50
K269732		85	20	0.09	<10	<10	43	<10	60	<1		
K269733		145	20	<0.01	<10	<10	23	<10	411	1		
K269734		127	20	0.01	<10	<10	38	<10	47	<1		
K269735		104	20	<0.01	<10	<10	30	<10	58	<1		
K269736		102	<20	<0.01	<10	<10	13	<10	213	1		
K269737		89	20	<0.01	<10	<10	34	<10	148	<1		

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Finalized Date: 11- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11152741

Project: Klaza- DDH- 27

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11152741

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K269666		11.06	<0.005		0.8	0.54	8	<10	2150	0.8	<2	2.33	0.6	5	3	11
K269667		5.73	0.196		2.0	0.47	308	<10	40	0.6	2	2.76	16.8	6	4	36
K269668		2.95	0.032		0.9	0.69	104	<10	220	0.9	2	2.01	3.8	5	3	21
K269669		7.63	0.229		3.0	0.52	349	<10	40	0.7	2	2.28	10.7	6	2	39
K269670		11.50	0.010		0.2	0.63	79	<10	960	0.9	<2	2.85	<0.5	6	2	13
K269671		0.07	1.480		35.1	4.84	164	<10	50	<0.5	<2	4.63	33.4	86	58	7560
K269672		11.37	<0.005		<0.2	0.56	6	<10	850	0.7	<2	1.60	<0.5	4	3	11
K269673		11.18	<0.005		<0.2	0.61	13	<10	820	0.8	<2	2.53	<0.5	5	3	6
K269674		8.15	0.033		0.4	0.63	167	<10	780	1.1	<2	3.02	1.5	6	2	12
K269675		2.07	1.185		6.9	0.50	311	<10	20	0.7	6	1.72	49.0	10	1	90
K269676		4.16	>10.0	27.4	>100	0.28	>10000	<10	30	<0.5	276	1.22	>1000	<1	<1	>10000
K269677		1.36	0.019		0.4	0.04	20	<10	40	<0.5	4	19.7	1.8	1	17	12
K269678		3.80	0.079		1.4	0.75	68	<10	600	1.0	<2	2.95	5.8	4	4	27
K269679		11.73	<0.005		<0.2	0.57	11	<10	1580	0.9	<2	2.29	<0.5	7	5	7
K269680		0.07	1.490		34.5	4.88	155	<10	50	<0.5	<2	4.60	33.2	86	57	7570
K269681		7.38	<0.005		<0.2	0.66	9	<10	1290	0.9	<2	2.19	<0.5	5	5	13
K269682		8.77	0.055		0.6	0.56	204	<10	100	0.9	<2	2.59	1.0	7	2	13
K269683		11.41	0.051		0.8	0.56	128	<10	130	0.8	<2	2.23	1.5	7	4	14
K269684		7.89	6.43		56.7	0.39	1605	<10	30	0.5	46	1.69	111.0	7	2	883
K269685		2.35	<0.005		<0.2	0.05	2	<10	20	<0.5	<2	20.2	<0.5	<1	<1	5
K269686		8.52	0.032		0.5	0.42	13	<10	60	<0.5	<2	2.07	0.9	6	2	5
K269687		4.75	0.070		3.4	0.50	74	<10	20	0.5	6	2.53	5.4	10	2	21
K269688		6.50	0.036		0.4	0.39	21	<10	40	<0.5	4	2.12	0.6	7	3	5
K269689		11.85	0.431		15.4	0.38	422	<10	30	<0.5	5	1.43	66.9	6	3	93
K269690		5.28	0.478		7.6	0.36	796	<10	30	0.5	4	1.41	30.9	6	2	52
K269691		5.22	0.051		0.9	0.49	91	<10	80	0.7	3	1.93	1.8	6	2	9
K269692		5.43	7.41		58.3	0.44	3930	<10	20	0.5	27	1.07	157.5	6	3	476
K269693		4.38	0.042		2.3	0.51	37	<10	20	<0.5	2	2.35	6.9	7	4	12
K269694		8.92	0.161		1.3	0.50	116	<10	30	0.6	3	1.92	5.5	7	3	15
K269695		9.42	0.294		6.9	0.43	451	<10	30	0.5	4	1.30	27.8	7	3	93
K269696		4.35	0.348		6.7	0.46	345	<10	20	0.5	4	1.54	20.3	7	3	69
K269697		7.03	0.105		1.2	0.49	119	<10	50	0.6	2	2.41	3.3	6	3	14
K269698		7.34	0.186		3.0	0.43	443	<10	40	0.5	2	2.11	9.4	5	4	17
K269699		9.90	0.645		5.5	0.46	677	<10	20	0.5	3	1.26	29.6	6	3	37
K269700		4.80	0.007		<0.2	0.67	9	<10	100	0.7	2	2.92	<0.5	8	4	9
K269701		7.74	0.006		<0.2	0.86	7	<10	60	0.5	<2	1.69	<0.5	7	6	8

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VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11152741

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269666		2.06	<10	<1	0.26	10	0.79	568	1	0.03	3	870	25	0.09	5	4
K269667		3.34	<10	<1	0.28	20	0.93	1195	6	0.01	2	460	236	2.17	7	3
K269668		2.28	<10	<1	0.35	20	0.70	537	11	0.01	2	660	90	0.97	6	5
K269669		3.24	<10	<1	0.35	20	0.70	1780	4	0.01	1	550	400	2.11	8	4
K269670		2.25	<10	1	0.33	10	0.93	641	1	0.02	3	750	38	0.32	3	3
K269671		8.25	10	2	0.24	10	1.14	630	44	0.33	322	700	8750	7.52	30	4
K269672		1.90	<10	<1	0.27	10	0.68	497	1	0.01	3	770	23	0.05	3	4
K269673		1.91	<10	<1	0.28	20	0.65	498	1	0.01	1	880	21	0.07	<2	4
K269674		2.46	<10	<1	0.35	10	0.99	814	1	0.02	3	670	45	0.36	5	3
K269675		4.09	<10	<1	0.33	20	0.59	1345	3	<0.01	2	620	1245	3.62	10	3
K269676		15.3	<10	4	0.18	<10	0.35	2540	4	0.01	<1	130	>10000	>10.0	518	<1
K269677		0.45	<10	<1	0.02	10	12.45	202	<1	0.02	15	260	41	0.06	<2	<1
K269678		2.41	<10	<1	0.25	10	0.76	944	2	0.01	3	660	217	0.40	5	4
K269679		2.44	<10	<1	0.24	10	0.97	645	<1	0.02	4	1010	10	0.09	3	5
K269680		8.19	10	1	0.24	10	1.13	625	44	0.33	315	710	8680	7.55	28	4
K269681		2.37	<10	<1	0.23	10	0.90	735	<1	0.02	3	900	12	0.08	3	5
K269682		2.45	<10	<1	0.28	20	0.90	823	2	0.01	1	550	62	1.35	5	4
K269683		2.52	<10	<1	0.32	20	0.71	727	1	0.01	1	600	82	1.38	4	4
K269684		5.17	<10	1	0.29	10	0.50	1120	20	0.01	1	450	3730	6.01	98	3
K269685		0.39	<10	1	0.03	<10	12.35	192	<1	0.01	1	260	7	0.02	<2	<1
K269686		2.79	<10	<1	0.31	10	0.66	936	1	0.01	2	500	51	2.26	3	3
K269687		5.59	<10	1	0.29	10	0.75	987	13	0.01	1	500	810	5.66	11	3
K269688		3.13	<10	<1	0.28	10	0.65	867	1	0.01	2	550	43	2.92	2	3
K269689		3.95	<10	<1	0.30	10	0.43	1680	2	0.01	1	470	6250	4.24	16	2
K269690		3.20	<10	1	0.28	10	0.39	1810	3	<0.01	1	470	1595	3.15	16	2
K269691		2.27	<10	<1	0.25	20	0.53	805	2	0.01	1	510	99	1.58	6	3
K269692		5.77	<10	1	0.29	10	0.32	784	7	0.01	2	360	8360	7.67	70	2
K269693		4.01	<10	<1	0.36	10	0.97	1015	2	0.02	3	510	328	4.21	4	2
K269694		2.50	<10	<1	0.26	20	0.62	510	2	0.01	1	520	284	2.14	5	4
K269695		4.54	<10	<1	0.34	10	0.40	1535	4	0.01	3	550	1655	4.35	15	2
K269696		4.27	<10	<1	0.35	10	0.48	1720	2	0.01	2	550	1415	3.98	12	3
K269697		2.88	<10	<1	0.31	20	0.79	897	1	0.01	2	550	164	2.22	4	4
K269698		3.07	<10	<1	0.29	10	0.66	1650	9	0.01	1	520	482	2.77	13	3
K269699		3.84	<10	1	0.32	10	0.36	1155	3	0.01	1	520	1300	3.92	12	3
K269700		2.70	<10	1	0.20	20	0.63	690	1	0.01	1	570	22	2.07	3	6
K269701		2.91	<10	<1	0.18	20	0.68	490	1	0.06	1	580	14	1.59	<2	6

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VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11152741

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
K269666		162	<20	<0.01	<10	<10	21	<10	83	2			
K269667		105	<20	<0.01	<10	<10	10	<10	1305	2			
K269668		114	<20	<0.01	<10	<10	17	<10	120	1			
K269669		82	<20	<0.01	<10	<10	9	<10	789	3			
K269670		141	<20	<0.01	<10	<10	16	<10	79	<1			
K269671		78	<20	0.06	<10	<10	326	<10	7920	30			
K269672		126	<20	<0.01	<10	<10	19	<10	86	<1			
K269673		198	<20	<0.01	<10	<10	18	<10	82	<1			
K269674		143	<20	<0.01	<10	<10	15	<10	151	1			
K269675		69	<20	<0.01	<10	<10	9	<10	2990	7			
K269676		29	<20	<0.01	<10	<10	5	10	>10000	549	1.130	6.66	11.30
K269677		55	<20	<0.01	<10	<10	2	<10	136	1			
K269678		172	<20	<0.01	<10	10	23	<10	452	1			
K269679		245	<20	<0.01	<10	<10	28	<10	89	1			
K269680		80	<20	0.05	<10	<10	324	<10	7840	30			
K269681		168	<20	<0.01	<10	<10	27	<10	70	<1			
K269682		105	<20	<0.01	<10	<10	14	<10	84	1			
K269683		105	<20	<0.01	<10	<10	16	<10	120	1			
K269684		51	<20	<0.01	<10	<10	9	<10	8280	50			
K269685		56	<20	<0.01	<10	<10	2	<10	28	<1			
K269686		51	<20	<0.01	<10	<10	8	<10	96	1			
K269687		62	<20	<0.01	<10	10	16	<10	540	3			
K269688		61	<20	<0.01	<10	<10	8	<10	63	1			
K269689		36	<20	<0.01	<10	<10	6	<10	3990	15			
K269690		45	<20	<0.01	<10	<10	6	<10	2180	7			
K269691		81	<20	<0.01	<10	<10	11	<10	149	1			
K269692		48	<20	<0.01	<10	10	8	<10	>10000	54			1.400
K269693		54	<20	<0.01	<10	<10	7	<10	513	2			
K269694		88	<20	<0.01	<10	<10	14	<10	429	1			
K269695		44	<20	<0.01	<10	<10	7	<10	2160	6			
K269696		49	<20	<0.01	<10	<10	7	<10	1510	5			
K269697		94	<20	<0.01	<10	<10	13	<10	257	1			
K269698		71	<20	<0.01	<10	10	9	<10	673	3			
K269699		56	<20	<0.01	<10	<10	7	<10	1960	5			
K269700		141	<20	<0.01	<10	<10	23	<10	54	<1			
K269701		111	<20	<0.01	<10	<10	30	<10	43	<1			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11152742

Project: Klaza- DDH- 28

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11152742

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272987		8.62	<0.005	0.3	0.84	14	<10	900	0.7	3	1.92	<0.5	7	5	19	2.43
K272988		10.79	<0.005	<0.2	1.16	8	<10	230	<0.5	3	1.44	<0.5	6	8	11	2.57
K272989		9.99	<0.005	<0.2	1.08	6	<10	180	<0.5	3	1.28	<0.5	6	8	13	2.43
K272990		8.47	0.044	1.9	0.67	72	<10	290	0.6	4	2.43	5.3	6	5	23	2.57
K272991		9.24	0.005	<0.2	1.08	13	<10	260	<0.5	2	1.34	<0.5	6	10	6	2.43
K272992		4.79	<0.005	0.2	1.05	11	<10	290	<0.5	3	1.27	<0.5	6	9	10	2.39
K272993		4.26	0.419	16.2	1.21	61	<10	190	<0.5	7	1.92	30.9	6	9	217	2.91
K272994		9.94	0.009	0.9	1.16	14	<10	260	<0.5	2	1.23	3.6	6	10	13	2.45
K272995		10.18	<0.005	<0.2	1.16	5	<10	170	<0.5	3	0.93	<0.5	5	9	9	2.40
K272996		8.19	<0.005	0.2	1.08	7	<10	190	<0.5	<2	1.59	0.8	5	7	6	2.52
K272997		12.99	0.006	<0.2	0.82	10	<10	420	0.6	2	3.10	<0.5	10	6	1	2.64
K272998		0.13	1.465	32.4	4.66	141	<10	50	<0.5	3	4.46	30.6	86	56	6860	8.08
K272999		5.36	0.005	<0.2	0.66	7	<10	440	<0.5	3	2.61	<0.5	6	5	4	2.29
K273000		11.84	<0.005	<0.2	1.08	5	<10	210	0.5	2	1.60	<0.5	4	8	3	2.42
K863001		9.61	<0.005	0.2	0.89	13	<10	150	0.7	3	1.99	<0.5	4	5	3	2.45
K863002		10.21	0.333	12.0	0.52	2390	<10	90	0.5	6	1.90	21.7	8	4	160	3.84
K863003		1.61	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	18.8	<0.5	<1	1	<1	0.37
K863004		12.54	<0.005	<0.2	0.98	16	<10	410	<0.5	2	1.27	<0.5	6	8	9	2.45
K863005		11.88	0.093	4.6	0.84	160	<10	300	0.5	3	1.45	8.1	6	6	41	2.77
K863006		13.20	<0.005	<0.2	1.01	<2	<10	220	<0.5	<2	1.33	<0.5	5	9	7	2.43
K863007		10.74	<0.005	<0.2	1.09	6	<10	390	0.5	2	1.57	<0.5	6	8	7	2.46
K863008		12.18	<0.005	<0.2	1.13	5	<10	220	<0.5	3	1.47	<0.5	6	9	10	2.52
K863009		11.62	<0.005	<0.2	1.18	6	<10	290	<0.5	3	1.57	<0.5	6	9	11	2.59
K863010		13.09	<0.005	<0.2	1.21	6	<10	320	<0.5	4	1.24	<0.5	6	10	11	2.56
K863011		0.13	1.350	32.9	4.85	148	<10	50	<0.5	30	4.54	31.1	92	57	7040	8.25
K863012		8.50	<0.005	<0.2	1.02	7	<10	230	<0.5	3	1.34	<0.5	5	10	7	2.52
K863013		7.30	0.033	4.4	0.84	104	<10	510	<0.5	4	1.66	<0.5	7	8	67	2.74
K863014		10.08	0.005	2.6	0.47	45	<10	630	0.7	4	2.84	0.6	5	4	12	2.60
K863015		2.58	0.945	28.1	0.48	547	<10	40	0.9	8	2.23	48.0	8	2	220	3.19
K863016		3.50	<0.005	<0.2	0.02	2	<10	20	<0.5	2	18.7	<0.5	<1	1	<1	0.36
K863017		6.71	0.016	0.5	0.54	156	<10	580	0.6	4	2.50	0.6	5	3	6	2.74
K863018		5.94	0.162	4.1	0.69	849	<10	330	0.7	4	2.17	4.6	7	4	12	2.76
K863019		5.47	0.005	0.9	0.78	39	<10	310	0.7	3	2.89	0.9	5	5	12	2.53
K863020		7.47	<0.005	<0.2	1.04	7	<10	210	<0.5	3	1.56	<0.5	6	7	9	2.55
K863021		7.24	0.044	0.6	0.81	119	<10	490	0.7	4	1.83	1.6	6	4	10	2.73
K863022		4.71	0.188	4.8	0.46	196	<10	90	0.7	5	1.95	7.2	16	2	19	3.22

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11152742

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272987		<10	<1	0.19	20	0.60	838	1	0.01	3	570	21	0.17	4	9	81
K272988		10	1	0.19	20	0.67	544	2	0.08	3	610	8	0.04	<2	6	64
K272989		10	1	0.17	20	0.63	495	1	0.07	1	580	8	0.05	<2	5	57
K272990		<10	<1	0.22	20	0.63	1200	2	0.03	1	560	344	0.36	4	6	97
K272991		10	<1	0.20	20	0.65	547	2	0.10	2	570	11	0.06	<2	6	61
K272992		10	<1	0.20	20	0.63	501	2	0.09	5	550	13	0.06	<2	5	60
K272993		10	<1	0.27	20	0.64	1030	2	0.05	2	570	4070	0.73	10	5	80
K272994		10	<1	0.21	20	0.67	602	2	0.09	2	560	246	0.07	2	5	53
K272995		10	<1	0.17	20	0.75	398	2	0.10	2	580	16	0.02	2	4	48
K272996		10	<1	0.18	20	0.66	614	2	0.07	2	550	41	0.07	<2	5	62
K272997		<10	1	0.20	30	0.67	695	2	0.02	2	590	9	0.26	<2	7	122
K272998		10	1	0.23	<10	1.11	585	44	0.32	325	640	7850	6.66	23	4	73
K272999		<10	<1	0.20	30	0.68	664	2	0.05	1	550	10	0.41	<2	4	85
K273000		<10	1	0.17	20	0.56	406	2	0.06	2	580	8	0.08	<2	6	76
K863001		<10	<1	0.23	30	0.59	620	3	0.03	1	610	10	0.19	<2	7	83
K863002		<10	<1	0.38	20	0.57	1860	2	0.01	2	500	1135	2.27	16	4	60
K863003		<10	1	0.03	<10	12.05	178	1	<0.01	1	270	<2	0.01	<2	<1	47
K863004		<10	<1	0.25	20	0.62	469	2	0.10	1	550	10	0.05	<2	5	64
K863005		<10	<1	0.25	20	0.57	934	2	0.06	1	520	709	0.78	5	5	59
K863006		<10	<1	0.17	20	0.62	491	2	0.07	<1	540	6	0.02	<2	6	68
K863007		10	1	0.24	20	0.59	533	2	0.08	1	510	8	0.03	<2	6	80
K863008		<10	<1	0.20	20	0.64	545	2	0.09	1	560	7	0.03	<2	5	70
K863009		<10	<1	0.20	20	0.70	536	2	0.09	1	580	21	0.07	<2	5	68
K863010		<10	1	0.23	20	0.69	446	2	0.12	<1	550	8	0.04	2	6	63
K863011		10	2	0.24	<10	1.15	598	45	0.32	320	650	7950	6.94	25	4	78
K863012		<10	<1	0.16	20	0.68	466	3	0.08	1	560	13	0.06	<2	6	69
K863013		<10	<1	0.23	20	0.65	747	2	0.07	1	550	45	0.50	5	6	82
K863014		<10	1	0.30	20	0.77	1110	1	0.02	<1	570	186	0.33	4	5	122
K863015		<10	1	0.33	10	0.65	1190	2	<0.01	3	430	3120	2.31	25	3	99
K863016		<10	1	0.02	<10	12.10	175	1	<0.01	<1	280	4	<0.01	<2	<1	53
K863017		<10	<1	0.33	20	0.77	1240	2	0.01	2	530	50	0.50	2	5	79
K863018		<10	<1	0.29	20	0.62	1380	2	0.02	2	510	577	0.89	6	5	89
K863019		<10	<1	0.22	30	0.40	1090	1	0.02	1	570	50	0.15	2	8	149
K863020		<10	<1	0.17	20	0.64	500	2	0.08	2	560	8	0.06	<2	6	83
K863021		<10	<1	0.31	20	0.54	2010	2	0.01	1	540	58	0.58	2	5	85
K863022		<10	1	0.32	20	0.61	2420	2	0.01	1	510	441	1.37	6	4	90

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11152742

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272987		<20	0.01	<10	<10	36	<10	47	<1
K272988		<20	0.06	<10	<10	49	<10	39	<1
K272989		<20	0.09	<10	<10	50	<10	35	<1
K272990		<20	0.02	<10	<10	35	<10	604	2
K272991		<20	0.08	<10	<10	50	<10	40	<1
K272992		<20	0.08	<10	<10	49	<10	39	<1
K272993		<20	0.04	<10	<10	44	10	2940	14
K272994		<20	0.10	<10	<10	51	<10	399	1
K272995		<20	0.14	<10	<10	54	<10	37	<1
K272996		<20	0.05	<10	<10	47	<10	103	<1
K272997		<20	<0.01	<10	<10	34	<10	47	<1
K272998		<20	0.05	<10	10	304	10	7480	31
K272999		<20	0.01	<10	<10	27	<10	34	<1
K273000		<20	0.04	<10	<10	44	<10	34	<1
K863001		<20	<0.01	<10	<10	33	<10	38	<1
K863002		<20	<0.01	<10	10	15	<10	2500	12
K863003		<20	<0.01	<10	<10	2	<10	15	1
K863004		20	0.09	<10	<10	46	<10	58	<1
K863005		<20	0.04	<10	<10	36	<10	969	5
K863006		<20	0.06	<10	<10	48	<10	34	<1
K863007		<20	0.04	<10	<10	44	<10	35	<1
K863008		<20	0.06	<10	<10	48	<10	37	<1
K863009		<20	0.09	<10	<10	51	<10	61	<1
K863010		<20	0.09	<10	<10	53	<10	32	<1
K863011		<20	0.05	<10	10	310	10	7480	32
K863012		<20	0.07	<10	<10	50	<10	38	<1
K863013		<20	0.03	<10	<10	39	<10	51	5
K863014		<20	<0.01	<10	<10	21	<10	59	3
K863015		<20	<0.01	<10	<10	12	<10	3440	31
K863016		<20	<0.01	<10	<10	2	<10	18	<1
K863017		<20	<0.01	<10	<10	21	<10	73	1
K863018		<20	<0.01	<10	<10	24	<10	361	4
K863019		<20	0.01	<10	<10	35	<10	99	1
K863020		<20	0.03	<10	<10	45	<10	34	<1
K863021		<20	<0.01	<10	<10	21	<10	126	1
K863022		<20	<0.01	<10	<10	12	<10	585	5

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Finalized Date: 17- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11153597

Project: Klaza - DDH - 17

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 17

CERTIFICATE OF ANALYSIS WH11153597

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Ag- OG46 Ag ppm 1
K271420		0.032	3
K271421		0.024	1
K271422		0.268	54
K271423		<0.005	<1
K271424		<0.005	<1
K271425		<0.005	<1
K271426		0.018	<1
K271427		<0.005	<1
K271428		<0.005	<1
K271429		NSS	31
K271430		0.345	3
K271431		0.012	<1
K271432		0.014	1
K271433		0.005	<1
K271434		<0.005	1
K271435		<0.005	<1
K271436		0.099	1
K271437		0.377	2
K271438		<0.005	<1
K271439		<0.005	<1
K271440		0.021	3
K271441		1.510	28
K271442		0.053	<1
K271443		<0.005	<1
K271444		<0.005	<1
K271445		0.048	2
K271446		<0.005	<1
K271447		0.008	<1
K271448		<0.005	1
K271449		<0.005	<1
K271450		<0.005	<1
K271451		<0.005	<1
K271452		0.124	6
K271453		<0.005	<1
K271454		<0.005	1
K271455		0.005	<1

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 17- AUG- 2011
Account: ROCKHA

Project: Klaza - DDH - 17

CERTIFICATE OF ANALYSIS WH11153597

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11153697

Project: Klaza- DDH- 28

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11153697

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K863023		7.92	0.110	3.3	0.49	153	<10	430	0.6	<2	2.46	5.2	7	6	26	2.69
K863024		7.79	0.005	0.2	1.38	16	<10	230	0.8	<2	1.28	<0.5	5	8	3	3.30
K863025		6.11	0.058	0.4	0.53	31	<10	40	0.6	<2	1.95	<0.5	23	4	3	3.76
K863026		7.15	0.012	0.6	0.45	24	<10	180	0.6	<2	2.34	<0.5	16	3	2	3.06
K863027		3.06	0.108	3.7	0.44	104	<10	10	0.5	<2	2.47	4.0	16	3	12	3.57
K863028		3.53	<0.005	<0.2	0.05	2	<10	10	<0.5	<2	19.8	<0.5	1	1	2	0.39
K863029		12.54	0.107	4.9	0.36	135	<10	20	<0.5	2	2.01	14.3	30	4	34	4.21
K863030		12.44	0.005	0.3	0.64	12	<10	220	0.7	<2	1.87	<0.5	5	5	7	2.61
K863031		8.75	0.014	0.2	0.91	10	<10	310	<0.5	<2	1.28	<0.5	4	8	10	2.57
K863032		4.56	0.016	0.2	0.84	8	<10	300	<0.5	<2	1.33	<0.5	5	8	12	2.57
K863033		7.85	0.016	0.2	0.83	9	<10	480	<0.5	<2	1.69	<0.5	5	8	8	2.88
K863034		10.35	0.006	<0.2	0.62	5	<10	1140	0.7	<2	3.07	<0.5	6	5	8	2.74
K863035		9.02	0.036	<0.2	0.79	3	<10	420	0.7	<2	2.54	<0.5	6	6	15	2.71
K863036		9.85	0.054	1.6	0.72	16	<10	720	0.8	<2	2.48	0.5	8	5	7	2.83
K863037		6.66	<0.005	<0.2	0.61	7	<10	420	0.6	<2	1.90	<0.5	7	8	11	2.64
K863038		5.87	<0.005	<0.2	0.84	<2	<10	980	0.7	<2	2.76	<0.5	5	6	9	2.68
K863039		3.97	0.034	1.1	0.64	53	<10	580	0.8	<2	2.35	0.6	6	5	7	2.66
K863040		10.75	<0.005	<0.2	0.70	10	<10	410	0.7	<2	2.23	<0.5	5	7	5	2.75
K863041		11.82	0.032	0.8	0.63	57	<10	510	0.8	2	1.91	0.9	7	6	8	2.59
K863042		6.09	<0.005	<0.2	1.19	11	<10	290	0.5	<2	1.49	<0.5	5	6	6	2.66
K863043		2.26	0.259	14.3	0.66	281	<10	100	0.8	3	1.52	12.1	13	4	92	3.70
K863044		0.13	1.450	35.2	4.91	162	<10	40	<0.5	9	4.38	32.5	86	58	7570	8.12
K863045		11.46	0.006	0.3	0.56	13	<10	360	1.0	<2	3.30	<0.5	6	2	9	2.26
K863046		10.53	<0.005	<0.2	0.56	16	<10	940	0.8	<2	3.56	<0.5	6	2	5	2.38
K863047		5.44	<0.005	1.0	0.71	69	<10	720	1.0	<2	2.52	1.8	6	3	10	2.62
K863048		8.56	<0.005	<0.2	0.86	7	<10	1370	0.8	<2	3.55	<0.5	4	3	3	1.99
K863049		8.62	0.006	<0.2	0.76	9	<10	1660	0.9	<2	2.92	0.7	4	3	2	1.93
K863050		2.01	5.41	62.8	0.48	>10000	<10	10	0.6	24	0.57	274	33	2	778	7.30
K863051		2.85	<0.005	<0.2	0.07	26	<10	30	<0.5	<2	19.3	<0.5	1	1	6	0.40
K863052		7.77	0.032	1.4	0.70	96	<10	130	0.6	3	1.88	2.1	11	4	15	3.11
K863053		3.19	<0.005	<0.2	1.20	2	<10	1070	0.8	<2	2.26	<0.5	6	10	8	2.77
K863054		2.30	0.006	<0.2	0.84	20	<10	690	0.7	3	2.22	<0.5	6	5	5	2.60
K863055		8.58	0.005	<0.2	0.80	7	<10	820	0.5	<2	2.11	<0.5	7	6	5	2.65
K863056		6.36	<0.005	<0.2	0.80	13	<10	660	0.6	<2	2.14	<0.5	6	6	5	2.61
K863057		0.12	1.400	36.1	5.16	161	10	40	<0.5	7	4.64	33.7	89	60	7890	8.41
K863058		5.56	0.024	2.3	0.55	573	<10	120	0.7	<2	3.01	8.4	9	4	16	3.10

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VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11153697

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863023		<10	<1	0.26	20	0.74	1150	1	0.01	1	540	380	0.66	5	6	95
K863024		<10	<1	0.21	20	0.68	615	1	0.02	1	660	14	0.22	2	7	77
K863025		<10	<1	0.28	10	0.64	1200	2	0.01	1	530	36	1.66	2	5	68
K863026		<10	<1	0.30	10	0.70	1095	4	0.01	<1	560	17	1.49	<2	3	95
K863027		<10	<1	0.30	10	0.69	1705	3	0.01	<1	510	411	2.70	6	2	80
K863028		<10	<1	0.03	<10	12.00	181	<1	0.01	<1	240	2	0.01	<2	<1	53
K863029		<10	<1	0.28	10	0.57	1290	2	0.01	1	480	756	3.39	6	2	60
K863030		<10	<1	0.18	20	0.53	575	1	0.01	<1	590	9	0.08	2	9	117
K863031		<10	<1	0.22	20	0.59	445	1	0.09	1	560	9	0.05	2	5	81
K863032		<10	<1	0.19	20	0.57	456	1	0.08	1	570	8	0.05	<2	6	86
K863033		<10	<1	0.27	20	0.58	566	1	0.09	1	580	9	0.05	<2	8	117
K863034		<10	<1	0.17	20	0.80	642	1	0.01	<1	520	11	0.06	<2	9	183
K863035		<10	<1	0.21	20	0.64	595	1	0.02	1	550	12	0.02	<2	9	185
K863036		<10	<1	0.22	20	0.68	683	1	0.02	2	600	20	0.23	<2	9	176
K863037		<10	<1	0.23	30	0.57	583	1	0.06	1	620	9	0.06	2	9	151
K863038		<10	<1	0.22	20	0.67	606	<1	0.01	1	630	13	0.05	<2	10	177
K863039		<10	<1	0.21	30	0.68	628	1	0.02	1	630	37	0.21	<2	8	141
K863040		<10	<1	0.18	30	0.58	627	1	0.02	1	670	10	0.11	<2	9	119
K863041		<10	<1	0.26	20	0.63	716	1	0.01	1	600	36	0.48	2	7	129
K863042		<10	<1	0.19	30	0.54	362	<1	0.04	1	620	9	0.12	2	7	96
K863043		<10	<1	0.32	20	0.51	1140	1	0.01	1	570	1690	2.46	14	6	103
K863044		10	1	0.24	10	1.16	617	46	0.33	317	710	8420	7.70	29	4	79
K863045		<10	<1	0.30	10	1.07	655	1	0.01	4	580	32	0.21	<2	5	316
K863046		<10	<1	0.31	10	1.07	657	1	0.01	3	730	18	0.26	<2	4	265
K863047		<10	<1	0.40	30	0.76	1120	2	0.01	2	630	88	0.41	2	5	199
K863048		<10	<1	0.35	20	0.68	483	<1	0.01	2	850	19	0.05	<2	4	409
K863049		<10	<1	0.34	20	0.65	551	<1	0.01	2	870	29	0.07	<2	4	321
K863050		<10	2	0.27	10	0.23	1295	10	0.01	1	390	5580	9.14	79	2	51
K863051		<10	<1	0.04	10	12.05	184	<1	<0.01	2	280	13	0.03	<2	<1	58
K863052		<10	1	0.32	20	0.58	959	1	0.01	2	650	90	1.57	4	6	80
K863053		<10	<1	0.22	30	0.88	598	<1	0.02	2	1100	9	0.23	4	6	180
K863054		<10	<1	0.22	20	0.73	576	1	0.03	1	600	12	0.42	2	7	189
K863055		<10	<1	0.18	30	0.69	545	1	0.04	1	660	11	0.34	<2	8	170
K863056		<10	<1	0.22	30	0.71	641	2	0.05	1	640	11	0.17	<2	8	160
K863057		10	1	0.25	10	1.22	641	49	0.35	328	750	8610	8.02	30	5	84
K863058		<10	<1	0.34	20	0.92	2020	3	0.01	1	560	520	1.24	5	5	133

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VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11153697

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K863023		<20	<0.01	<10	<10	24	<10	456	3	
K863024		<20	<0.01	<10	<10	39	<10	49	<1	
K863025		<20	<0.01	<10	<10	17	<10	59	<1	
K863026		<20	<0.01	<10	<10	8	<10	54	1	
K863027		<20	<0.01	<10	<10	6	<10	332	3	
K863028		<20	<0.01	<10	<10	2	<10	14	<1	
K863029		<20	<0.01	<10	10	8	<10	1295	4	
K863030		<20	<0.01	<10	<10	40	<10	39	<1	
K863031		<20	0.07	<10	<10	46	<10	32	<1	
K863032		<20	0.06	<10	<10	44	<10	33	<1	
K863033		<20	0.04	<10	<10	48	<10	38	<1	
K863034		<20	<0.01	<10	<10	53	<10	40	<1	
K863035		<20	0.01	<10	<10	48	<10	38	1	
K863036		<20	0.01	<10	<10	45	<10	62	1	
K863037		20	0.03	<10	<10	46	<10	37	2	
K863038		<20	0.01	<10	<10	49	<10	40	<1	
K863039		<20	<0.01	<10	<10	38	<10	66	<1	
K863040		20	0.01	<10	<10	44	<10	40	<1	
K863041		<20	<0.01	<10	<10	30	<10	100	<1	
K863042		20	0.02	<10	<10	42	<10	36	1	
K863043		<20	<0.01	<10	<10	26	<10	1030	13	
K863044		<20	0.06	<10	10	323	<10	7570	30	
K863045		<20	<0.01	<10	<10	25	<10	66	<1	
K863046		<20	<0.01	<10	<10	23	<10	43	<1	
K863047		<20	<0.01	<10	<10	16	<10	170	1	
K863048		<20	<0.01	<10	<10	22	<10	128	<1	
K863049		<20	<0.01	<10	<10	21	<10	139	<1	
K863050		<20	<0.01	<10	<10	10	10	>10000	54	2.71
K863051		<20	<0.01	<10	<10	1	<10	80	<1	
K863052		<20	<0.01	<10	<10	23	<10	207	1	
K863053		<20	0.02	<10	<10	40	<10	48	<1	
K863054		<20	<0.01	<10	<10	31	<10	42	<1	
K863055		<20	<0.01	<10	<10	35	<10	38	<1	
K863056		<20	<0.01	<10	<10	35	<10	42	<1	
K863057		<20	0.06	<10	10	339	<10	7860	30	
K863058		<20	<0.01	<10	<10	18	<10	655	1	

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VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11153698

Project: Klaza- DDH- 27

P.O. No.: Batch 5

This report is for 9 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11153698

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269738		11.85	<0.005	0.2	1.14	6	<10	170	<0.5	<2	1.69	<0.5	7	10	12	2.70
K269739		11.05	<0.005	<0.2	1.22	5	<10	250	<0.5	<2	1.26	<0.5	7	11	5	2.76
K269740		3.20	0.247	12.4	0.53	1445	<10	30	0.7	<2	2.46	51.3	6	4	74	3.13
K269741		1.88	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	19.3	<0.5	1	1	1	0.36
K269742		10.00	<0.005	0.2	1.10	6	<10	200	<0.5	<2	1.80	<0.5	5	7	11	2.42
K269743		0.11	1.145	34.1	4.88	153	<10	40	<0.5	12	4.38	32.0	80	57	7520	8.05
K269744		11.56	<0.005	0.2	1.14	5	<10	290	<0.5	<2	1.35	0.5	6	16	24	2.43
K269745		8.29	<0.005	<0.2	1.15	8	<10	190	<0.5	<2	1.10	<0.5	6	10	5	2.49
K269746		8.75	<0.005	<0.2	1.15	5	<10	200	<0.5	<2	1.11	<0.5	5	10	4	2.39

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Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11153698

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269738		10	<1	0.17	20	0.73	520	<1	0.07	1	610	18	0.92	<2	5	82
K269739		10	<1	0.17	20	0.75	508	1	0.09	1	650	11	0.27	<2	5	86
K269740		<10	<1	0.31	20	0.55	1705	1	0.01	1	490	2810	2.34	20	4	134
K269741		<10	<1	0.02	10	11.90	174	<1	0.01	1	280	6	0.02	<2	<1	59
K269742		10	<1	0.18	20	0.63	518	<1	0.05	1	530	17	0.46	<2	5	112
K269743		10	1	0.24	10	1.15	611	44	0.33	309	720	8300	7.65	28	4	80
K269744		10	<1	0.23	20	0.62	608	<1	0.08	1	560	42	0.17	<2	4	110
K269745		10	<1	0.18	20	0.72	489	1	0.09	1	580	25	0.17	<2	4	89
K269746		10	<1	0.17	20	0.68	458	2	0.09	1	570	14	0.12	<2	5	102

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Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11153698

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269738		<20	0.05	<10	<10	46	<10	59	<1
K269739		20	0.12	<10	<10	58	<10	40	<1
K269740		<20	<0.01	<10	10	14	<10	4050	15
K269741		<20	<0.01	<10	<10	1	<10	24	<1
K269742		20	0.02	<10	<10	39	<10	48	<1
K269743		<20	0.06	<10	10	322	<10	7360	32
K269744		<20	0.09	<10	<10	48	<10	90	<1
K269745		<20	0.11	<10	<10	52	<10	60	<1
K269746		20	0.09	<10	<10	49	<10	40	<1

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11156763

Project: Klaza - DDH- 31

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 31

CERTIFICATE OF ANALYSIS WH11156763

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K270217		13.75	<0.005	<0.2	1.22	8	<10	190	<0.5	<2	1.11	<0.5	5	10	14	2.42
K270218		12.49	<0.005	<0.2	1.16	6	<10	320	<0.5	<2	1.24	<0.5	5	9	14	2.38
K270219		9.00	<0.005	<0.2	1.19	9	<10	310	<0.5	<2	1.33	0.6	5	9	11	2.41
K270220		3.78	<0.005	<0.2	1.21	13	<10	330	<0.5	<2	1.33	<0.5	6	8	11	2.51
K270221		8.80	<0.005	<0.2	1.07	6	<10	300	<0.5	<2	1.20	<0.5	5	8	12	2.42
K270222		4.65	0.617	57.7	0.45	1550	<10	40	0.7	<2	2.29	99.8	6	4	306	3.46
K270223		5.06	0.027	0.6	0.62	43	<10	360	0.6	<2	2.14	<0.5	6	5	8	2.57
K270224		11.78	0.005	0.3	1.03	16	<10	410	<0.5	<2	1.57	0.7	5	8	11	2.64
K270225		0.13	1.440	33.0	4.98	152	<10	50	<0.5	10	4.61	32.5	89	57	7380	8.46
K270226		9.86	0.006	<0.2	1.10	8	<10	310	<0.5	<2	1.61	<0.5	6	8	25	2.61
K270227		8.83	0.121	0.9	0.50	328	<10	250	0.8	<2	3.07	1.5	6	3	8	2.24
K270228		10.87	<0.005	<0.2	1.15	2	<10	210	<0.5	<2	1.52	<0.5	7	9	9	2.62
K270229		12.09	0.005	1.1	0.98	16	<10	240	<0.5	<2	2.04	2.1	7	8	14	2.65
K270230		7.10	<0.005	<0.2	1.08	17	<10	530	<0.5	<2	1.71	<0.5	8	8	18	2.59
K270231		12.84	<0.005	<0.2	1.14	8	<10	180	<0.5	<2	1.15	<0.5	6	8	11	2.52
K270232		2.19	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.0	<0.5	<1	1	2	0.37
K270233		13.28	<0.005	<0.2	1.20	8	<10	150	<0.5	<2	1.20	<0.5	5	8	12	2.50
K270234		14.09	<0.005	<0.2	1.13	8	<10	130	<0.5	<2	1.91	<0.5	5	9	14	2.36
K270235		14.20	<0.005	<0.2	1.23	7	<10	230	<0.5	<2	1.24	<0.5	7	9	12	2.69
K270236		11.86	<0.005	<0.2	1.20	5	<10	220	<0.5	<2	1.40	<0.5	5	9	13	2.53
K270237		10.15	<0.005	<0.2	1.16	5	<10	210	<0.5	<2	1.36	<0.5	7	9	9	2.63
K270238		12.01	0.091	3.3	0.51	91	<10	60	0.6	<2	2.77	1.9	9	3	6	3.40
K270239		2.35	<0.005	<0.2	0.05	3	<10	10	<0.5	<2	19.8	<0.5	<1	1	3	0.39
K270240		6.63	<0.005	<0.2	1.10	7	<10	110	<0.5	<2	1.28	<0.5	5	9	5	2.35
K270241		7.51	<0.005	<0.2	1.12	6	<10	100	<0.5	<2	1.86	<0.5	4	10	7	2.14
K270242		12.54	<0.005	<0.2	1.12	7	<10	140	<0.5	<2	1.00	<0.5	5	9	8	2.43
K270243		12.15	<0.005	<0.2	1.11	4	<10	150	<0.5	<2	1.22	<0.5	6	9	7	2.35
K270244		0.13	1.510	30.9	4.54	143	<10	50	<0.5	5	4.20	29.8	81	52	6650	7.72
K270245		11.87	<0.005	<0.2	1.09	15	<10	270	<0.5	<2	1.41	<0.5	6	9	23	2.48
K270246		12.44	<0.005	<0.2	1.15	9	<10	160	<0.5	<2	1.18	<0.5	6	9	9	2.42
K270247		11.51	<0.005	<0.2	1.00	8	<10	140	<0.5	<2	0.86	<0.5	7	9	5	2.29
K270248		11.61	<0.005	<0.2	1.10	5	<10	150	<0.5	2	0.96	<0.5	6	9	11	2.45
K270249		11.83	<0.005	<0.2	1.18	7	<10	160	<0.5	<2	1.06	<0.5	6	9	18	2.44
K270250		12.46	0.005	0.2	1.08	5	<10	420	<0.5	<2	1.69	<0.5	7	8	6	2.66
K270251		12.48	0.011	0.5	0.68	21	<10	330	0.5	<2	1.89	<0.5	7	6	8	2.80
K270252		5.87	<0.005	0.2	1.09	6	<10	390	<0.5	<2	1.17	<0.5	7	8	11	2.68

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 31

CERTIFICATE OF ANALYSIS WH11156763

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270217		<10	<1	0.15	10	0.66	419	1	0.10	2	570	10	0.02	<2	4	43
K270218		<10	<1	0.16	10	0.63	493	1	0.09	1	550	9	0.03	2	4	47
K270219		<10	<1	0.20	10	0.60	455	1	0.09	2	580	28	0.03	2	4	45
K270220		<10	<1	0.20	10	0.61	468	1	0.09	2	600	14	0.02	<2	5	47
K270221		<10	<1	0.20	10	0.59	442	1	0.10	5	560	12	0.02	<2	5	52
K270222		<10	1	0.24	10	0.61	1465	2	0.01	1	480	>10000	2.72	69	5	72
K270223		<10	<1	0.22	20	0.67	659	1	0.04	2	580	44	0.57	5	6	86
K270224		<10	<1	0.16	20	0.64	529	1	0.07	2	590	48	0.13	<2	6	68
K270225		10	1	0.24	<10	1.14	641	48	0.33	316	720	8520	7.56	30	4	79
K270226		<10	<1	0.19	20	0.65	527	1	0.08	3	600	16	0.09	<2	6	72
K270227		<10	1	0.28	20	0.90	1630	1	0.01	2	550	35	0.94	6	5	91
K270228		<10	1	0.17	20	0.68	490	1	0.09	2	590	9	0.03	<2	6	61
K270229		<10	<1	0.19	20	0.72	892	1	0.06	2	570	346	0.23	2	5	65
K270230		<10	<1	0.18	20	0.58	523	1	0.07	2	570	11	0.18	2	5	64
K270231		<10	<1	0.14	10	0.65	414	1	0.08	2	580	10	0.02	<2	5	42
K270232		<10	<1	0.02	<10	11.40	175	<1	0.02	3	280	<2	0.01	<2	<1	53
K270233		<10	<1	0.12	10	0.68	404	1	0.08	2	590	11	0.02	<2	4	40
K270234		<10	1	0.12	10	1.17	368	2	0.08	2	600	9	0.03	2	4	39
K270235		<10	<1	0.15	10	0.71	467	1	0.09	2	620	8	0.04	3	5	44
K270236		<10	<1	0.17	20	0.63	473	1	0.09	2	590	8	0.03	<2	5	46
K270237		<10	1	0.16	20	0.66	490	2	0.09	2	620	7	0.03	2	6	56
K270238		<10	<1	0.27	20	0.74	1335	1	0.02	2	570	591	2.22	5	5	83
K270239		<10	<1	0.03	<10	11.85	190	<1	0.02	2	240	<2	0.02	<2	<1	56
K270240		<10	<1	0.12	10	0.62	379	1	0.08	2	580	10	0.05	<2	4	42
K270241		<10	<1	0.11	10	1.08	298	1	0.08	1	560	9	<0.01	<2	3	37
K270242		<10	<1	0.13	10	0.61	360	1	0.09	2	600	9	0.03	2	4	38
K270243		<10	<1	0.12	10	0.62	381	1	0.08	1	570	9	0.06	<2	5	40
K270244		<10	2	0.21	<10	1.03	585	44	0.30	288	650	7710	6.89	28	4	72
K270245		<10	1	0.15	20	0.64	490	1	0.08	2	580	33	0.10	2	5	52
K270246		<10	<1	0.13	10	0.60	380	1	0.09	2	570	11	0.05	<2	5	48
K270247		<10	<1	0.11	10	0.56	327	1	0.09	2	540	9	0.10	2	4	41
K270248		<10	<1	0.12	10	0.65	383	1	0.09	2	560	13	0.07	<2	4	44
K270249		<10	<1	0.14	10	0.68	399	1	0.10	2	570	11	0.06	<2	5	49
K270250		<10	1	0.18	10	0.65	570	1	0.06	2	570	13	0.64	<2	5	128
K270251		<10	<1	0.21	20	0.61	931	1	0.04	3	520	90	0.54	4	6	69
K270252		10	<1	0.15	10	0.70	470	1	0.09	3	550	11	0.25	2	5	70

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 31

CERTIFICATE OF ANALYSIS WH11156763

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001
K270217		<20	0.13	<10	<10	53	<10	34	<1	
K270218		<20	0.09	<10	<10	50	<10	35	<1	
K270219		<20	0.12	<10	<10	51	<10	63	<1	
K270220		<20	0.11	<10	<10	55	<10	37	<1	
K270221		<20	0.09	<10	<10	49	<10	34	<1	
K270222		<20	<0.01	<10	<10	18	10	6260	53	1.165
K270223		<20	<0.01	<10	<10	30	<10	58	1	
K270224		<20	0.03	<10	<10	46	<10	77	1	
K270225		<20	0.06	10	<10	319	10	7880	31	
K270226		<20	0.04	<10	<10	46	<10	55	<1	
K270227		<20	<0.01	<10	<10	13	<10	126	<1	
K270228		<20	0.04	<10	<10	49	<10	36	1	
K270229		<20	0.04	<10	<10	42	<10	169	<1	
K270230		<20	0.04	<10	<10	46	<10	35	<1	
K270231		<20	0.08	<10	<10	52	<10	32	<1	
K270232		<20	<0.01	<10	<10	2	<10	14	<1	
K270233		<20	0.11	<10	<10	53	<10	32	<1	
K270234		<20	0.12	<10	<10	52	<10	29	<1	
K270235		<20	0.12	<10	<10	60	<10	33	<1	
K270236		<20	0.09	<10	<10	52	<10	33	<1	
K270237		<20	0.06	<10	<10	52	<10	34	<1	
K270238		<20	<0.01	<10	<10	17	<10	170	3	
K270239		<20	<0.01	<10	<10	2	<10	15	<1	
K270240		<20	0.10	<10	<10	48	<10	29	<1	
K270241		<20	0.13	<10	<10	48	<10	27	<1	
K270242		<20	0.13	<10	<10	55	<10	30	<1	
K270243		<20	0.10	<10	<10	49	<10	31	<1	
K270244		<20	0.05	<10	<10	292	10	7100	28	
K270245		<20	0.09	<10	<10	49	<10	52	<1	
K270246		<20	0.11	<10	<10	52	<10	33	<1	
K270247		<20	0.13	<10	<10	49	<10	28	<1	
K270248		<20	0.11	<10	<10	52	<10	37	<1	
K270249		<20	0.11	<10	<10	53	<10	31	<1	
K270250		<20	0.03	<10	<10	43	10	40	1	
K270251		<20	0.01	<10	<10	30	<10	62	<1	
K270252		<20	0.08	<10	<10	50	<10	38	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11156764

Project: Klaza- DDH - 33

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- SEP- 2011
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Project: Klaza- DDH - 33

CERTIFICATE OF ANALYSIS WH11156764

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272722		3.43	0.012	0.9	0.45	75	<10	550	0.8	<2	1.94	0.7	8	4	27	2.54
K272723		2.35	<0.005	0.2	0.06	<2	<10	20	<0.5	<2	18.2	<0.5	1	<1	4	0.38
K272724		4.36	0.005	0.8	0.64	63	<10	260	0.6	<2	2.01	1.1	6	5	23	2.51
K272725		3.98	<0.005	0.3	1.08	8	<10	490	<0.5	<2	1.14	<0.5	6	9	7	2.54
K272726		3.82	<0.005	0.2	0.96	8	<10	390	<0.5	<2	1.18	<0.5	6	8	9	2.24
K272727		5.38	<0.005	0.3	0.80	16	<10	400	<0.5	<2	1.64	<0.5	6	7	6	2.34
K272728		3.38	<0.005	0.2	0.77	10	<10	480	<0.5	<2	1.77	<0.5	7	7	8	2.14
K272729		3.74	<0.005	0.3	0.76	15	<10	700	0.5	<2	1.89	<0.5	6	6	37	2.29
K272730		6.00	<0.005	0.2	1.03	5	<10	410	<0.5	<2	1.16	<0.5	6	9	10	2.42
K272731		3.88	<0.005	0.2	1.02	5	<10	430	<0.5	<2	1.16	<0.5	5	9	9	2.39
K272732		2.51	0.171	1.5	0.60	719	<10	280	0.5	<2	2.21	1.3	5	5	45	3.04
K272733		3.44	<0.005	0.2	0.97	9	<10	470	<0.5	<2	1.10	<0.5	6	8	6	2.36
K272734		3.68	0.013	1.2	0.69	26	<10	610	<0.5	<2	1.71	<0.5	8	6	78	2.62
K272735		6.85	<0.005	0.3	0.80	9	<10	470	0.5	<2	1.56	1.7	6	7	12	2.56
K272736		0.13	1.435	31.2	4.87	148	<10	60	<0.5	11	4.42	31.4	82	55	7160	8.29
K272737		2.46	0.019	1.4	0.45	149	<10	330	0.6	<2	2.53	5.8	7	3	44	2.87
K272738		2.18	0.119	4.7	0.42	271	<10	160	0.7	<2	2.88	26.0	9	2	24	3.31
K272739		4.06	0.013	0.7	0.54	42	<10	170	0.8	<2	2.57	0.9	7	3	7	2.53
K272740		5.30	0.030	2.1	0.45	341	<10	610	0.8	<2	4.65	<0.5	6	2	9	2.29
K272741		2.11	<0.005	0.4	0.58	19	<10	1430	0.8	<2	2.72	1.2	5	4	4	2.24
K272742		2.85	5.51	>100	0.27	4420	<10	10	<0.5	235	0.36	82.6	50	2	3320	24.0
K272743		2.17	<0.005	0.2	0.06	11	<10	10	<0.5	<2	18.5	<0.5	3	1	5	0.39
K272744		2.01	0.011	0.9	0.50	57	<10	280	0.8	<2	2.06	4.0	5	3	26	2.94
K272745		2.94	0.077	5.4	0.78	26	<10	280	<0.5	3	1.76	0.6	70	7	27	3.54
K272746		3.24	0.038	1.2	0.58	409	<10	180	0.6	<2	1.78	6.5	17	4	26	3.53
K272747		1.59	0.012	0.5	0.64	26	<10	150	0.7	<2	2.09	0.9	8	3	11	3.23
K272748		1.89	1.070	24.0	0.30	866	<10	40	<0.5	23	0.93	35.4	27	2	309	9.13
K272749		5.21	<0.005	0.3	1.09	16	<10	360	<0.5	<2	1.34	0.6	7	8	8	2.58
K272750		0.16	1.560	33.4	4.98	149	<10	60	<0.5	11	4.61	33.6	84	58	7440	8.24
K272751		5.56	<0.005	<0.2	1.10	9	<10	410	<0.5	<2	1.37	<0.5	10	9	9	2.50
K272752		3.13	0.009	0.3	0.70	36	<10	550	0.5	<2	1.88	0.6	8	6	7	2.82
K272753		3.36	0.085	3.9	0.42	3570	<10	220	0.5	<2	2.45	54.7	9	3	18	3.79
K272754		3.57	<0.005	<0.2	1.17	14	<10	520	<0.5	<2	1.35	<0.5	8	9	3	2.70
K272755		3.44	<0.005	<0.2	1.10	10	<10	410	<0.5	<2	1.20	<0.5	5	8	5	2.38
K272756		3.96	<0.005	<0.2	1.14	11	<10	430	<0.5	<2	1.46	<0.5	6	8	25	2.57
K272757		2.64	<0.005	0.2	1.10	11	<10	400	<0.5	<2	1.12	<0.5	5	9	7	2.37

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CERTIFICATE OF ANALYSIS WH11156764

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272722		<10	<1	0.24	20	0.62	1090	1	0.03	1	570	48	0.60	5	6	74
K272723		<10	<1	0.03	<10	11.60	182	<1	0.03	<1	330	4	0.03	<2	<1	53
K272724		<10	<1	0.27	20	0.70	1225	1	0.04	1	570	43	0.32	4	6	74
K272725		<10	<1	0.29	20	0.66	572	1	0.10	1	600	10	0.05	<2	5	57
K272726		<10	<1	0.25	20	0.59	505	1	0.09	<1	490	9	0.07	<2	4	53
K272727		<10	<1	0.25	20	0.60	657	1	0.06	1	570	16	0.13	<2	5	74
K272728		<10	<1	0.23	20	0.60	805	1	0.06	<1	540	19	0.09	<2	4	78
K272729		<10	<1	0.25	20	0.63	752	<1	0.06	1	560	9	0.10	<2	5	78
K272730		<10	<1	0.24	20	0.63	530	1	0.09	<1	580	7	0.06	<2	4	53
K272731		<10	<1	0.23	20	0.62	535	1	0.09	<1	550	6	0.06	<2	4	54
K272732		<10	<1	0.23	20	0.68	973	1	0.04	<1	560	97	0.70	3	5	86
K272733		<10	<1	0.29	20	0.60	505	1	0.10	1	540	7	0.05	<2	5	54
K272734		<10	<1	0.25	20	0.61	949	1	0.06	1	520	12	0.33	<2	5	84
K272735		<10	<1	0.29	20	0.66	791	1	0.08	1	600	27	0.12	<2	5	74
K272736		10	<1	0.24	10	1.11	615	46	0.34	296	690	8220	7.35	28	4	79
K272737		<10	<1	0.26	20	0.78	3430	1	0.03	1	440	310	0.86	3	4	85
K272738		<10	<1	0.25	10	0.84	3490	1	0.03	<1	540	953	1.81	6	5	94
K272739		<10	<1	0.25	20	0.81	1790	1	0.03	1	560	69	0.34	2	6	98
K272740		<10	<1	0.24	20	1.60	1440	3	0.03	3	850	25	0.73	8	3	176
K272741		<10	<1	0.20	20	0.97	661	1	0.03	1	810	29	0.21	<2	5	171
K272742		<10	3	0.12	<10	0.12	350	11	0.03	<1	140	>10000	>10.0	371	1	18
K272743		<10	<1	0.03	<10	11.40	173	<1	0.01	1	260	7	0.04	3	<1	52
K272744		<10	<1	0.27	20	0.57	2390	1	0.03	<1	560	255	0.72	2	6	90
K272745		<10	<1	0.29	20	0.73	1150	1	0.06	3	640	86	0.80	3	5	81
K272746		<10	<1	0.31	20	0.57	2550	1	0.03	1	560	211	1.21	4	4	73
K272747		<10	<1	0.32	20	0.61	2770	1	0.03	<1	560	53	0.39	<2	5	64
K272748		<10	<1	0.27	10	0.32	4090	1	0.03	<1	440	4490	8.90	22	1	21
K272749		<10	<1	0.29	20	0.61	994	1	0.07	1	570	24	0.10	<2	5	63
K272750		<10	<1	0.24	<10	1.14	636	44	0.35	318	690	8400	7.43	29	4	79
K272751		<10	<1	0.26	30	0.66	599	1	0.08	1	550	13	0.09	<2	5	74
K272752		<10	<1	0.32	30	0.68	1980	1	0.05	1	600	19	0.31	<2	5	102
K272753		<10	1	0.31	20	0.86	1950	20	0.03	1	580	702	1.53	15	5	111
K272754		<10	<1	0.34	30	0.71	788	4	0.10	1	610	10	0.04	<2	6	77
K272755		<10	<1	0.26	20	0.61	547	7	0.09	2	540	3	0.02	<2	5	72
K272756		<10	<1	0.28	20	0.68	617	2	0.09	10	580	10	0.06	<2	6	83
K272757		<10	<1	0.25	20	0.61	502	1	0.09	2	590	9	0.01	<2	5	60

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH - 33

CERTIFICATE OF ANALYSIS WH11156764

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001
K272722		<20	<0.01	<10	<10	26	<10	98	1	
K272723		<20	<0.01	<10	<10	1	<10	52	<1	
K272724		20	0.01	<10	<10	31	<10	122	2	
K272725		<20	0.09	<10	<10	52	<10	48	<1	
K272726		<20	0.08	<10	<10	43	<10	34	<1	
K272727		<20	0.04	<10	<10	39	<10	45	<1	
K272728		20	0.02	<10	<10	32	<10	50	2	
K272729		<20	0.03	<10	<10	37	<10	51	<1	
K272730		<20	0.10	<10	<10	48	<10	35	<1	
K272731		<20	0.09	<10	<10	47	<10	37	<1	
K272732		<20	<0.01	<10	<10	25	<10	123	2	
K272733		<20	0.09	<10	<10	48	<10	38	<1	
K272734		20	0.03	<10	<10	32	<10	38	2	
K272735		<20	0.06	<10	<10	42	<10	133	<1	
K272736		<20	0.05	<10	<10	307	<10	7460	31	
K272737		<20	0.01	<10	<10	17	<10	506	1	
K272738		<20	<0.01	<10	<10	13	<10	1830	5	
K272739		<20	<0.01	<10	<10	22	<10	114	1	
K272740		<20	<0.01	<10	<10	8	<10	72	2	
K272741		<20	<0.01	<10	<10	24	<10	120	<1	
K272742		<20	<0.01	<10	<10	6	<10	5120	180	1.385
K272743		<20	<0.01	<10	<10	2	<10	19	1	
K272744		20	<0.01	<10	<10	23	<10	450	1	
K272745		<20	0.03	<10	<10	37	<10	87	3	
K272746		<20	0.01	<10	<10	23	<10	634	1	
K272747		<20	0.01	<10	<10	23	<10	137	<1	
K272748		<20	<0.01	<10	<10	5	<10	3700	24	
K272749		<20	0.06	<10	<10	43	<10	80	<1	
K272750		<20	0.06	<10	<10	322	<10	7890	31	
K272751		20	0.05	<10	<10	47	<10	55	<1	
K272752		20	0.02	<10	<10	34	<10	110	1	
K272753		20	<0.01	<10	<10	22	<10	6260	4	
K272754		20	0.11	<10	<10	54	<10	73	<1	
K272755		20	0.09	<10	<10	49	<10	59	<1	
K272756		20	0.08	<10	<10	50	<10	57	<1	
K272757		<20	0.10	<10	<10	52	<10	52	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158276

Project: Klaza TR - 25

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158276

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275513		2.88	0.010	0.8	1.32	31	<10	260	0.6	<2	0.26	1.5	6	7	20	2.52
K275514		3.34	0.044	1.1	1.17	83	<10	300	0.6	<2	0.26	2.3	7	8	25	2.74
K275515		3.55	0.014	0.9	1.49	51	<10	380	0.7	<2	0.27	1.9	7	9	25	2.93
K275516		4.39	0.016	1.1	1.15	106	<10	310	0.6	2	0.25	2.6	7	7	28	2.93
K275517		3.59	0.033	1.4	1.28	93	<10	460	0.6	<2	0.34	2.5	7	6	20	2.63
K275518		4.09	0.008	0.6	1.23	37	<10	420	0.6	2	0.29	1.9	8	7	40	2.72
K275519		2.52	0.017	0.4	1.08	37	<10	340	0.7	3	0.24	1.7	7	6	19	2.76
K275520		3.45	0.035	0.8	1.33	56	<10	410	0.7	2	0.31	2.4	7	7	43	3.02
K275521		4.05	0.085	0.4	1.59	40	<10	350	0.7	6	0.38	2.1	7	7	93	2.78
K275522		2.60	0.031	0.7	1.26	122	<10	280	0.7	2	0.24	2.6	9	8	76	2.82
K275523		4.34	0.030	1.0	1.28	76	<10	330	0.8	2	0.24	2.7	7	8	40	3.08
K275524		4.13	0.019	1.0	1.22	63	<10	300	0.7	3	0.25	2.9	8	8	35	2.91
K275525		2.46	0.049	0.9	1.27	90	<10	400	0.7	2	0.27	4.0	9	7	31	2.72
K275526		1.73	<0.005	<0.2	0.05	<2	<10	<10	<0.5	<2	19.9	<0.5	<1	<1	1	0.46
K275527		3.53	0.053	1.6	1.43	78	<10	310	0.7	8	0.37	3.0	6	7	38	2.90
K275528		3.30	0.015	0.5	1.53	49	<10	330	0.7	5	0.39	3.1	8	8	153	3.09
K275529		2.42	0.028	2.0	1.20	54	<10	530	0.8	2	0.24	6.0	16	6	173	3.03
K275530		1.88	0.027	0.6	1.48	35	<10	270	0.6	2	0.37	3.2	16	7	237	3.26
K275531		3.48	0.011	2.5	1.07	61	<10	430	0.8	3	0.22	6.0	12	5	155	3.18
K275532		2.15	0.009	0.4	1.81	34	<10	600	0.6	68	0.46	2.0	11	7	312	3.16
K275533		3.40	0.016	0.4	1.73	33	<10	420	0.6	37	0.46	1.8	10	8	414	3.28
K275534		2.86	0.018	0.8	1.68	47	<10	530	0.6	18	0.41	2.1	9	8	276	3.15
K275535		3.35	0.011	0.5	1.61	27	<10	470	0.5	10	0.50	1.5	8	8	258	2.88
K275536		5.19	0.009	0.4	1.67	40	<10	460	0.6	11	0.41	1.1	8	7	303	3.07
K275537		4.14	0.051	0.2	1.52	19	<10	300	0.5	2	0.53	0.9	7	7	73	2.79
K275538		4.09	0.005	<0.2	1.41	16	<10	230	<0.5	3	0.55	0.6	10	7	52	2.54
K275539		3.31	0.006	0.3	1.57	31	<10	320	0.5	6	0.35	0.8	20	8	56	3.19
K275540		3.88	0.011	0.7	1.63	42	<10	560	0.6	5	0.44	1.2	14	12	218	3.19
K275541		2.31	0.006	0.4	1.72	121	<10	690	0.6	6	0.41	1.1	8	7	188	3.35
K275542		3.95	0.008	0.2	1.65	53	<10	510	0.5	3	0.46	0.9	9	8	94	3.02
K275543		0.09	1.695	34.3	4.89	145	<10	50	<0.5	<2	4.66	32.8	86	59	7400	8.42
K275544		6.21	0.011	0.5	1.16	42	<10	340	0.6	3	0.29	1.3	13	6	123	2.91
K275545		4.09	0.011	0.3	1.30	45	<10	520	0.5	4	0.42	1.0	7	7	106	2.71
K275546		2.87	0.015	0.8	1.54	33	<10	500	0.5	2	0.42	0.8	8	7	112	3.06
K275547		3.56	0.225	10.4	0.63	119	<10	1040	0.8	13	0.18	9.2	17	4	82	4.09
K275548		2.52	0.006	0.3	1.43	16	<10	430	<0.5	3	0.51	0.6	8	7	31	2.63

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158276

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275513		<10	<1	0.22	30	0.20	578	1	0.04	4	490	60	0.01	3	6	22
K275514		<10	<1	0.20	20	0.23	695	1	0.03	4	520	105	0.01	3	5	22
K275515		<10	<1	0.27	30	0.26	864	1	0.04	4	530	95	0.01	2	6	25
K275516		<10	<1	0.23	20	0.21	629	1	0.04	3	540	211	0.02	3	5	23
K275517		<10	<1	0.21	20	0.26	1065	2	0.05	3	580	223	0.01	5	5	26
K275518		<10	<1	0.24	20	0.26	1005	1	0.04	4	580	68	0.01	<2	5	21
K275519		<10	<1	0.22	20	0.21	900	1	0.03	3	560	64	0.01	2	5	18
K275520		<10	<1	0.25	20	0.28	1125	1	0.04	4	590	162	0.01	2	5	26
K275521		<10	<1	0.21	20	0.42	685	<1	0.05	4	650	62	0.01	2	6	28
K275522		<10	1	0.24	20	0.28	678	1	0.03	4	570	312	0.02	3	5	18
K275523		<10	<1	0.23	20	0.22	904	1	0.03	3	520	177	0.01	4	6	20
K275524		<10	1	0.19	20	0.24	830	1	0.03	4	500	157	0.01	4	6	20
K275525		10	<1	0.25	20	0.25	1175	1	0.04	3	530	165	0.01	<2	5	22
K275526		<10	<1	0.02	<10	12.15	197	<1	0.01	2	190	<2	0.02	<2	<1	46
K275527		<10	<1	0.20	20	0.34	538	<1	0.05	4	620	195	0.01	2	5	26
K275528		10	<1	0.18	20	0.49	682	<1	0.04	3	720	41	0.01	3	6	25
K275529		<10	<1	0.27	20	0.25	2120	2	0.02	2	660	76	0.01	3	7	18
K275530		10	<1	0.20	20	0.48	570	<1	0.06	3	720	15	0.01	<2	6	29
K275531		<10	<1	0.23	20	0.15	2070	3	0.02	2	630	428	0.01	7	8	18
K275532		10	<1	0.33	20	0.63	357	<1	0.07	2	710	18	0.01	<2	7	34
K275533		10	1	0.24	20	0.59	388	<1	0.07	2	700	13	0.01	<2	6	35
K275534		10	1	0.26	20	0.53	734	<1	0.06	3	670	52	0.01	2	6	31
K275535		10	<1	0.24	20	0.52	417	<1	0.09	2	650	12	0.01	<2	6	37
K275536		10	<1	0.24	20	0.52	446	<1	0.05	3	650	10	0.01	<2	7	34
K275537		10	<1	0.20	20	0.52	613	<1	0.07	2	610	7	0.01	<2	5	42
K275538		10	<1	0.16	20	0.56	388	<1	0.08	2	590	8	0.01	<2	5	44
K275539		10	<1	0.24	20	0.60	684	<1	0.06	3	640	4	0.01	<2	5	22
K275540		10	<1	0.23	30	0.54	1460	2	0.05	3	700	12	0.01	2	6	33
K275541		10	1	0.39	20	0.57	363	<1	0.08	2	630	13	0.01	2	7	39
K275542		10	<1	0.25	20	0.51	459	<1	0.08	2	630	13	0.01	<2	6	41
K275543		10	2	0.25	10	1.15	619	40	0.34	333	680	8730	7.28	30	4	79
K275544		<10	<1	0.22	30	0.23	1250	2	0.05	2	610	21	0.01	2	6	25
K275545		10	<1	0.23	20	0.38	705	2	0.08	2	580	21	0.01	2	6	34
K275546		10	<1	0.29	20	0.46	517	1	0.08	1	620	9	0.01	<2	6	36
K275547		10	<1	0.30	30	0.05	9780	11	0.01	2	510	182	0.03	11	5	38
K275548		10	<1	0.25	20	0.47	513	<1	0.10	2	570	15	0.01	<2	5	40

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158276

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
K275513		<20	0.03	<10	<10	41	<10	124	1
K275514		<20	0.04	<10	<10	45	<10	191	1
K275515		<20	0.05	<10	<10	49	<10	200	1
K275516		<20	0.04	<10	<10	45	<10	281	1
K275517		<20	0.07	<10	<10	46	<10	233	1
K275518		<20	0.06	<10	<10	45	<10	180	1
K275519		<20	0.03	<10	<10	43	<10	157	<1
K275520		<20	0.05	<10	<10	46	<10	229	1
K275521		<20	0.06	<10	<10	48	<10	202	1
K275522		<20	0.03	<10	<10	43	<10	261	1
K275523		<20	0.04	<10	<10	50	<10	295	1
K275524		<20	0.04	<10	<10	47	<10	271	1
K275525		<20	0.04	<10	<10	42	<10	372	1
K275526		<20	<0.01	<10	<10	2	<10	13	<1
K275527		<20	0.07	<10	<10	49	<10	265	1
K275528		<20	0.03	<10	<10	49	<10	218	<1
K275529		<20	0.01	<10	<10	42	<10	316	2
K275530		<20	0.02	<10	<10	48	<10	180	<1
K275531		<20	0.01	<10	<10	42	<10	269	3
K275532		<20	0.12	<10	<10	57	10	165	1
K275533		<20	0.09	<10	<10	56	<10	145	1
K275534		<20	0.09	<10	<10	56	<10	158	<1
K275535		<20	0.12	<10	<10	54	<10	109	<1
K275536		20	0.06	<10	<10	54	<10	79	1
K275537		<20	0.10	<10	<10	49	<10	84	<1
K275538		<20	0.12	<10	<10	47	<10	52	<1
K275539		<20	0.01	<10	<10	43	<10	74	<1
K275540		<20	0.03	<10	<10	48	<10	123	1
K275541		<20	0.11	<10	<10	60	<10	74	<1
K275542		20	0.10	<10	<10	55	<10	69	<1
K275543		<20	0.06	<10	<10	323	20	7880	30
K275544		<20	0.01	<10	<10	38	<10	127	<1
K275545		20	0.07	<10	<10	46	<10	74	<1
K275546		20	0.07	<10	<10	49	<10	109	<1
K275547		<20	<0.01	<10	10	20	10	629	10
K275548		<20	0.13	<10	<10	49	<10	60	<1

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158277

Project: Klaza TR - 25

P.O. No.: Batch 10

This report is for 27 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158277

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275585		3.34	<0.005	0.2	1.44	11	<10	410	0.5	<2	0.30	<0.5	7	8	11	2.93
K275586		2.61	0.005	0.3	1.08	19	<10	230	<0.5	<2	0.39	0.8	7	8	16	2.66
K275587		2.96	<0.005	<0.2	1.21	10	<10	190	<0.5	<2	0.54	<0.5	7	8	7	2.66
K275588		1.64	<0.005	0.3	0.90	12	<10	490	0.8	<2	0.27	1.5	8	6	15	3.05
K275589		2.34	<0.005	0.3	1.45	12	<10	230	0.6	<2	0.35	1.5	8	9	12	2.91
K275590		2.64	<0.005	0.3	1.35	13	<10	180	0.5	<2	0.31	0.8	8	8	6	2.83
K275591		3.11	0.009	0.7	1.34	30	<10	280	0.5	<2	0.36	0.9	7	10	11	2.61
K275592		4.10	0.008	0.4	1.22	25	<10	190	<0.5	<2	0.49	0.6	7	8	11	2.59
K275593		0.12	1.305	31.3	4.71	137	<10	30	<0.5	10	4.30	30.0	80	52	6770	8.25
K275594		2.91	0.005	0.2	1.09	11	<10	290	<0.5	<2	0.47	0.6	7	8	11	2.29
K275595		2.13	0.021	0.4	1.14	17	<10	470	<0.5	<2	0.53	<0.5	6	8	7	2.36
K275596		2.32	0.090	0.7	0.72	64	<10	610	0.6	<2	0.26	<0.5	7	6	11	2.38
K275597		2.65	0.007	0.3	0.62	17	<10	1270	<0.5	<2	0.57	<0.5	6	6	4	2.08
K275598		2.31	<0.005	0.2	1.07	11	<10	480	<0.5	<2	0.47	<0.5	7	8	5	2.34
K275599		2.48	0.314	1.4	0.57	1395	<10	1410	0.6	<2	0.25	3.5	5	6	29	3.91
K275600		2.59	0.014	1.3	0.61	59	<10	1420	0.6	<2	0.31	0.8	8	5	25	2.64
K275601		3.81	0.007	0.4	0.84	24	<10	560	0.5	<2	0.38	<0.5	7	7	8	2.45
K275602		3.14	0.009	0.5	0.59	57	<10	1030	0.8	<2	0.23	<0.5	8	6	11	2.80
K275603		2.69	0.064	0.7	0.78	300	<10	770	0.9	<2	0.24	0.6	8	6	17	3.32
K275604		2.03	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	17.7	<0.5	2	<1	1	0.47
K275605		2.98	0.014	0.4	0.71	73	<10	500	0.6	<2	0.28	0.8	8	8	15	2.61
K275606		3.68	0.005	0.4	1.00	20	<10	460	<0.5	<2	0.45	0.8	6	7	9	2.53
K275607		3.47	0.007	0.4	0.57	13	<10	320	<0.5	<2	0.28	0.5	7	6	7	1.45
K275608		2.83	0.012	1.0	0.78	35	<10	590	0.5	<2	0.27	1.3	7	7	11	1.97
K275609		2.50	0.009	0.4	1.03	29	<10	250	<0.5	<2	0.27	1.7	7	9	12	2.30
K275610		3.36	<0.005	0.4	0.76	18	<10	320	<0.5	<2	0.30	1.6	6	7	8	2.08
K275611		3.09	0.011	0.6	0.63	25	<10	410	0.5	<2	0.27	2.7	6	7	12	2.35

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158277

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275585		10	<1	0.14	20	0.55	539	1	0.03	4	660	16	0.02	3	6	14
K275586		<10	<1	0.14	20	0.50	689	1	0.05	5	600	48	0.02	3	5	19
K275587		10	<1	0.16	20	0.64	620	1	0.07	5	610	16	0.02	2	5	22
K275588		<10	1	0.16	30	0.06	648	1	0.03	4	600	22	0.02	3	10	12
K275589		10	<1	0.13	20	0.51	490	<1	0.03	5	630	19	0.02	4	8	13
K275590		10	<1	0.11	10	0.68	544	<1	0.04	4	590	140	0.02	4	6	14
K275591		<10	1	0.14	20	0.44	658	1	0.03	5	600	389	0.02	2	7	17
K275592		10	<1	0.15	20	0.61	590	1	0.07	5	620	81	0.02	3	5	27
K275593		10	1	0.22	10	1.10	597	43	0.32	289	640	7840	6.92	22	4	76
K275594		<10	<1	0.16	20	0.57	624	1	0.06	6	520	25	0.03	<2	4	23
K275595		<10	<1	0.25	20	0.45	607	1	0.06	5	620	14	0.03	2	5	22
K275596		<10	<1	0.24	30	0.11	1060	2	0.03	6	570	15	0.02	2	5	17
K275597		<10	<1	0.25	30	0.10	706	1	0.04	4	580	8	0.05	<2	4	29
K275598		<10	<1	0.16	20	0.56	628	1	0.06	5	570	14	0.03	3	4	23
K275599		<10	<1	0.22	40	0.07	4340	3	0.03	5	520	44	0.05	9	5	27
K275600		<10	1	0.17	30	0.13	1110	1	0.03	4	550	71	0.06	5	5	26
K275601		<10	<1	0.19	20	0.29	767	1	0.05	4	550	19	0.03	2	5	25
K275602		<10	1	0.19	30	0.07	1430	2	0.03	6	550	18	0.05	3	6	20
K275603		<10	<1	0.28	30	0.08	2940	2	0.04	5	580	31	0.05	5	7	20
K275604		<10	<1	0.03	<10	11.80	215	<1	0.03	3	170	2	0.03	<2	<1	45
K275605		<10	1	0.22	20	0.16	2180	2	0.04	6	570	32	0.03	2	4	18
K275606		<10	1	0.14	20	0.48	740	1	0.06	5	560	27	0.03	3	5	26
K275607		<10	1	0.19	30	0.15	550	1	0.04	4	270	18	0.02	<2	2	12
K275608		<10	<1	0.17	30	0.26	683	1	0.05	5	360	57	0.03	2	3	18
K275609		<10	<1	0.16	20	0.47	732	1	0.05	7	530	58	0.02	2	3	16
K275610		<10	<1	0.17	20	0.32	709	1	0.04	6	410	31	0.03	2	3	16
K275611		<10	<1	0.22	20	0.14	1030	1	0.04	6	490	38	0.03	3	3	14

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158277

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275585		<20	0.01	<10	<10	48	<10	65	<1
K275586		<20	0.02	<10	<10	41	<10	117	<1
K275587		<20	0.03	<10	<10	43	<10	60	<1
K275588		<20	<0.01	<10	<10	42	<10	111	<1
K275589		<20	0.01	<10	<10	48	<10	150	<1
K275590		<20	0.01	<10	<10	46	<10	116	<1
K275591		<20	0.01	<10	<10	44	<10	164	2
K275592		<20	0.05	<10	<10	45	<10	93	<1
K275593		<20	0.05	<10	10	294	<10	7190	31
K275594		<20	0.04	<10	<10	38	<10	69	1
K275595		<20	0.01	<10	<10	33	<10	60	1
K275596		<20	0.01	<10	<10	24	<10	70	<1
K275597		<20	<0.01	<10	<10	22	<10	50	<1
K275598		<20	0.02	<10	<10	36	<10	68	1
K275599		<20	<0.01	<10	<10	17	<10	309	1
K275600		<20	<0.01	<10	<10	27	<10	142	1
K275601		<20	0.01	<10	<10	33	<10	72	1
K275602		<20	<0.01	<10	<10	24	<10	68	<1
K275603		<20	<0.01	<10	<10	27	<10	86	2
K275604		<20	<0.01	<10	<10	1	<10	15	<1
K275605		<20	0.01	<10	<10	27	<10	102	<1
K275606		<20	0.02	<10	<10	40	<10	97	<1
K275607		20	0.01	<10	<10	12	<10	53	1
K275608		20	0.01	<10	<10	21	<10	133	2
K275609		<20	0.02	<10	<10	34	<10	123	<1
K275610		<20	0.01	<10	<10	24	<10	85	1
K275611		<20	0.01	<10	<10	22	<10	119	2

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VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158278

Project: Klaza TR - 25

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158278

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275549		3.48	<0.005	0.3	1.04	13	<10	300	<0.5	<2	0.38	0.5	9	6	48	2.11
K275550		3.02	<0.005	0.2	1.32	13	<10	360	<0.5	<2	0.48	0.6	8	6	42	2.64
K275551		4.08	0.007	0.3	1.41	17	<10	260	<0.5	<2	0.38	0.7	10	7	52	2.87
K275552		2.73	0.015	0.5	1.37	30	<10	320	0.5	<2	0.28	1.0	7	6	34	4.21
K275553		2.48	0.024	1.0	1.18	27	<10	330	0.5	<2	0.27	0.9	9	7	29	2.91
K275554		2.61	3.27	9.8	0.61	507	<10	410	0.6	25	0.15	3.7	9	2	38	8.20
K275555		2.32	0.391	5.8	0.74	163	<10	780	0.8	4	0.25	3.4	8	4	51	7.72
K275556		2.95	0.065	1.6	0.72	74	<10	730	0.6	<2	0.24	0.9	9	4	27	5.76
K275557		3.36	0.054	0.5	0.77	27	<10	400	<0.5	<2	0.33	0.5	7	6	16	3.82
K275558		5.31	0.009	0.3	0.71	15	<10	230	0.8	<2	0.25	<0.5	4	5	13	2.84
K275559		3.97	0.005	0.3	0.80	15	<10	250	0.6	<2	0.26	<0.5	5	7	8	2.77
K275560		4.08	0.012	0.4	0.69	30	<10	720	0.8	<2	0.58	0.5	5	5	14	2.83
K275561		3.08	<0.005	0.3	1.23	8	<10	680	0.6	2	1.46	<0.5	6	6	7	2.27
K275562		4.82	0.022	0.7	0.75	45	<10	2560	0.8	<2	1.10	0.5	17	3	7	2.75
K275563		2.40	<0.005	0.3	0.04	2	<10	20	<0.5	<2	19.4	<0.5	<1	1	1	0.46
K275564		2.78	0.008	0.8	0.70	35	<10	810	0.7	<2	0.25	0.8	6	4	17	3.36
K275565		3.04	<0.005	0.3	0.68	31	<10	1250	0.7	<2	0.38	0.6	6	5	10	3.17
K275566		4.00	0.018	1.6	0.72	61	<10	850	0.7	<2	0.23	1.9	7	6	14	3.26
K275567		2.84	<0.005	0.4	0.72	32	<10	410	0.5	<2	0.37	0.8	5	6	7	2.80
K275568		2.04	<0.005	<0.2	1.01	11	<10	270	<0.5	<2	0.55	1.0	6	8	5	2.77
K275569		2.04	0.123	31.6	0.61	1030	<10	920	0.8	<2	0.15	19.5	10	5	142	4.00
K275570		3.03	0.033	1.6	0.74	68	<10	480	0.6	<2	0.40	2.1	13	7	15	2.85
K275571		3.01	0.017	0.8	0.96	135	<10	460	0.8	<2	0.29	1.7	11	6	15	3.02
K275572		3.25	<0.005	0.4	0.83	41	<10	300	0.6	<2	0.26	1.0	7	7	16	2.64
K275573		3.13	<0.005	0.3	1.22	19	<10	270	<0.5	<2	0.33	<0.5	12	7	9	2.92
K275574		2.02	<0.005	0.3	1.42	19	<10	330	0.6	<2	0.31	<0.5	8	8	11	2.87
K275575		4.23	<0.005	0.2	1.32	12	<10	220	0.5	<2	0.41	<0.5	8	10	18	3.02
K275576		0.11	1.185	33.7	4.93	155	<10	50	<0.5	9	4.72	33.0	86	60	7360	8.53
K275577		2.24	<0.005	0.3	1.44	15	<10	370	0.5	<2	0.50	0.8	7	10	30	3.07
K275578		2.78	<0.005	0.3	1.32	13	<10	300	<0.5	<2	0.61	1.0	7	11	22	2.87
K275579		3.14	0.030	14.1	1.08	95	<10	300	0.7	<2	2.22	22.1	6	8	33	3.15
K275580		3.18	<0.005	0.5	1.39	15	<10	340	0.5	<2	0.58	1.7	11	9	9	3.08
K275581		3.62	<0.005	0.4	1.36	42	<10	370	0.7	<2	0.41	1.6	7	7	12	3.03
K275582		3.36	0.009	1.4	0.73	51	<10	990	0.9	<2	0.30	4.9	6	5	40	3.32
K275583		3.29	<0.005	0.2	1.33	13	<10	220	0.6	<2	1.11	<0.5	5	8	9	2.86
K275584		2.28	<0.005	0.2	0.91	21	<10	1520	0.7	<2	1.05	<0.5	4	6	7	2.67

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158278

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275549		<10	<1	0.17	20	0.40	380	1	0.09	3	440	13	0.02	<2	4	28
K275550		10	<1	0.17	20	0.52	486	1	0.09	4	610	10	0.02	2	5	33
K275551		10	<1	0.14	20	0.64	597	1	0.07	3	600	10	0.03	<2	5	28
K275552		10	<1	0.18	30	0.56	975	2	0.05	4	670	9	0.03	<2	5	18
K275553		<10	<1	0.21	20	0.37	850	2	0.04	4	640	11	0.03	2	5	18
K275554		<10	<1	0.32	40	0.06	2480	6	0.03	3	670	169	0.11	8	4	35
K275555		<10	<1	0.34	40	0.09	5120	10	0.01	3	820	91	0.02	6	6	21
K275556		<10	<1	0.31	30	0.10	3560	6	0.02	2	720	35	0.02	3	5	16
K275557		<10	<1	0.20	20	0.25	1250	2	0.04	2	600	15	0.02	<2	5	16
K275558		<10	<1	0.18	30	0.09	559	1	0.03	2	610	12	0.02	3	9	15
K275559		<10	1	0.19	20	0.23	770	1	0.05	2	610	8	0.02	<2	7	14
K275560		<10	1	0.27	30	0.14	1360	1	0.02	2	640	19	0.03	<2	6	25
K275561		<10	1	0.27	20	0.57	684	1	0.04	5	590	9	0.04	2	4	55
K275562		<10	1	0.25	20	0.07	2210	1	0.02	2	490	16	0.08	4	4	62
K275563		<10	1	0.02	<10	12.05	206	<1	0.01	1	180	2	0.03	<2	<1	41
K275564		<10	1	0.24	30	0.06	1380	1	0.01	3	630	66	0.03	3	5	23
K275565		<10	1	0.25	20	0.13	1165	<1	0.01	4	670	13	0.05	4	5	27
K275566		<10	1	0.23	20	0.13	1755	1	0.02	3	670	77	0.04	5	5	22
K275567		<10	<1	0.19	20	0.27	727	<1	0.03	3	650	17	0.02	2	5	17
K275568		<10	<1	0.19	20	0.54	689	1	0.05	3	650	18	0.02	2	5	19
K275569		<10	1	0.29	30	0.05	4470	4	0.01	1	490	3020	0.14	55	5	19
K275570		<10	<1	0.21	20	0.23	919	1	0.04	4	670	258	0.04	6	5	21
K275571		<10	<1	0.21	20	0.27	1585	1	0.02	3	640	41	0.02	4	7	21
K275572		<10	<1	0.18	20	0.26	831	1	0.03	3	640	42	0.02	5	6	17
K275573		10	<1	0.16	10	0.75	500	<1	0.05	2	640	12	0.02	3	5	22
K275574		10	<1	0.21	20	0.68	454	<1	0.04	2	600	13	0.02	2	6	16
K275575		10	<1	0.16	10	0.78	474	1	0.05	2	670	14	0.02	2	5	24
K275576		10	2	0.25	<10	1.18	633	47	0.34	318	680	8390	7.34	32	4	76
K275577		10	1	0.19	20	0.70	554	<1	0.05	3	720	28	0.03	2	7	25
K275578		10	<1	0.19	20	0.72	491	1	0.07	2	690	46	0.02	<2	5	31
K275579		<10	1	0.20	20	0.37	1905	1	0.02	2	640	1445	0.06	7	7	73
K275580		10	1	0.17	20	0.64	576	1	0.03	3	690	66	0.03	3	7	18
K275581		10	1	0.19	30	0.50	655	<1	0.02	2	690	33	0.03	5	7	16
K275582		<10	1	0.26	40	0.13	2650	2	0.02	2	610	658	0.05	5	7	21
K275583		<10	<1	0.15	30	0.52	507	1	0.02	2	700	15	0.03	3	8	32
K275584		<10	1	0.20	30	0.23	627	<1	0.03	2	670	12	0.05	2	6	27

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 25

CERTIFICATE OF ANALYSIS WH11158278

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275549		20	0.09	<10	<10	37	<10	44	<1
K275550		<20	0.11	<10	<10	50	<10	58	<1
K275551		<20	0.06	<10	<10	45	<10	77	1
K275552		<20	0.02	<10	<10	43	<10	108	1
K275553		<20	0.01	<10	<10	37	<10	134	2
K275554		20	<0.01	<10	<10	33	<10	413	15
K275555		20	<0.01	<10	<10	33	<10	281	6
K275556		20	<0.01	<10	<10	31	<10	130	1
K275557		<20	0.01	<10	<10	36	<10	76	1
K275558		<20	0.01	<10	<10	44	<10	52	1
K275559		<20	0.01	<10	<10	40	<10	52	<1
K275560		<20	0.01	<10	<10	31	<10	65	2
K275561		<20	<0.01	<10	<10	30	<10	63	<1
K275562		<20	<0.01	<10	<10	18	<10	84	<1
K275563		<20	<0.01	<10	10	2	<10	12	<1
K275564		<20	<0.01	<10	<10	22	<10	121	1
K275565		<20	<0.01	<10	<10	32	<10	70	<1
K275566		<20	<0.01	<10	<10	35	<10	361	2
K275567		<20	0.01	<10	<10	40	<10	147	1
K275568		<20	0.01	<10	<10	43	<10	228	1
K275569		<20	<0.01	<10	<10	16	<10	2400	34
K275570		<20	0.01	<10	<10	38	<10	483	1
K275571		<20	<0.01	<10	<10	38	<10	182	1
K275572		<20	0.01	<10	<10	36	<10	113	1
K275573		<20	0.02	<10	<10	47	<10	76	<1
K275574		<20	0.01	<10	<10	46	<10	58	<1
K275575		<20	0.02	<10	<10	52	<10	65	<1
K275576		<20	0.06	<10	<10	331	<10	7790	30
K275577		<20	0.03	<10	<10	58	<10	108	1
K275578		<20	0.07	<10	<10	57	<10	121	1
K275579		<20	0.01	<10	<10	44	<10	1495	13
K275580		<20	0.01	<10	<10	53	<10	338	<1
K275581		<20	0.01	<10	<10	52	<10	109	<1
K275582		<20	<0.01	<10	<10	30	<10	800	2
K275583		<20	0.01	<10	<10	50	<10	47	1
K275584		<20	<0.01	<10	<10	37	<10	86	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158279

Project: Klaza TR - 28

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% <2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- SEP- 2011
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Project: Klaza TR - 28

CERTIFICATE OF ANALYSIS WH11158279

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275477		3.30	<0.005	0.3	0.57	26	<10	230	0.8	<2	0.12	1.5	1	2	1	0.45
K275478		4.37	0.008	0.3	0.57	38	<10	290	0.9	<2	0.15	1.8	1	3	4	0.79
K275479		3.22	0.056	0.8	0.98	80	<10	390	0.6	2	0.29	3.0	6	10	13	2.25
K275480		3.18	0.016	1.2	0.80	85	<10	330	0.6	<2	0.26	2.8	6	9	14	2.52
K275481		3.77	0.031	1.7	0.81	91	<10	500	0.6	2	0.26	2.7	7	9	15	2.39
K275482		3.51	0.012	1.3	0.66	74	<10	510	0.6	2	0.21	2.9	6	7	11	2.29
K275483		3.72	<0.005	<0.2	0.03	7	<10	20	<0.5	<2	19.4	<0.5	<1	1	<1	0.44
K275484		2.87	0.030	1.0	1.06	54	<10	560	0.5	2	0.33	2.5	7	11	14	2.48
K275485		2.74	0.013	0.5	1.10	25	<10	370	<0.5	<2	0.46	1.3	5	8	8	2.23
K275486		3.55	0.019	1.4	0.96	49	<10	510	0.5	2	0.28	2.2	7	9	11	2.26
K275487		2.55	0.009	1.0	1.09	43	<10	800	<0.5	<2	0.32	3.3	9	13	11	2.45
K275488		4.03	0.017	1.0	1.14	58	<10	370	0.5	<2	0.32	2.3	8	11	20	2.69
K275489		3.34	0.016	0.9	0.95	49	<10	250	0.5	2	0.27	2.2	6	11	13	2.18
K275490		3.43	0.026	1.4	0.90	72	<10	230	0.6	<2	0.27	2.1	5	10	18	2.64
K275491		2.72	0.022	0.9	0.99	58	<10	220	0.5	<2	0.30	1.8	6	10	15	2.62
K275492		3.07	0.054	1.3	1.05	80	<10	240	0.6	<2	0.28	2.2	6	13	21	2.57
K275493		3.28	0.102	2.0	0.96	138	<10	210	0.6	2	0.24	2.6	6	11	22	2.96
K275494		3.51	0.027	0.8	1.27	46	<10	260	0.5	2	0.32	2.0	7	12	19	2.54
K275495		3.82	0.024	0.7	1.15	34	<10	260	0.5	<2	0.33	1.9	5	12	17	2.35
K275496		3.37	0.014	0.4	1.21	22	<10	250	0.5	<2	0.41	1.7	6	11	14	2.17
K275497		2.79	0.037	0.6	1.09	24	<10	230	0.5	<2	0.34	1.6	5	13	17	1.89
K275498		4.44	0.018	0.6	1.10	34	<10	240	0.5	2	0.33	1.8	6	12	17	2.31
K275499		0.13	1.440	36.7	5.15	167	<10	50	<0.5	26	4.63	34.2	86	58	7730	8.09
K275500		4.41	0.031	0.5	1.04	24	<10	210	0.5	<2	0.35	1.6	6	11	21	2.12
K275501		4.88	0.024	0.6	0.91	32	<10	210	<0.5	2	0.29	1.7	6	11	17	2.04
K275502		4.11	0.014	0.5	1.07	20	<10	220	<0.5	<2	0.35	1.8	6	11	15	2.13
K275503		3.40	0.022	0.5	0.96	32	<10	250	<0.5	2	0.29	2.0	6	12	15	2.17
K275504		3.41	0.019	0.5	1.10	30	<10	290	<0.5	<2	0.37	1.8	6	9	12	2.33
K275505		3.73	0.012	0.4	1.13	37	<10	260	<0.5	2	0.34	2.4	6	11	15	2.40
K275506		3.32	0.016	0.7	0.97	34	<10	260	<0.5	<2	0.28	2.6	7	12	16	2.32
K275507		5.56	0.016	0.3	1.24	26	<10	300	<0.5	<2	0.40	2.0	6	11	19	2.41
K275508		3.70	0.005	0.5	1.20	28	<10	310	<0.5	<2	0.33	1.8	6	10	19	2.45
K275509		3.98	0.011	0.4	1.12	35	<10	320	<0.5	<2	0.34	1.7	6	10	27	2.30
K275510		3.33	0.025	0.6	1.00	37	<10	280	<0.5	<2	0.30	1.8	6	10	23	2.24
K275511		4.12	0.006	0.4	0.97	28	<10	270	<0.5	<2	0.30	1.5	6	9	21	2.09
K275512		4.78	0.009	1.3	1.08	43	<10	350	0.5	2	0.26	1.8	7	9	24	2.50

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CERTIFICATE OF ANALYSIS WH11158279

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275477		<10	<1	0.18	10	0.03	650	<1	<0.01	<1	80	58	<0.01	<2	2	12
K275478		<10	<1	0.17	10	0.05	840	<1	<0.01	<1	170	75	<0.01	2	3	13
K275479		<10	<1	0.19	20	0.24	1035	1	0.02	1	590	63	<0.01	<2	5	20
K275480		<10	<1	0.17	20	0.19	964	2	0.01	1	610	123	<0.01	<2	5	18
K275481		<10	1	0.17	20	0.16	1720	1	0.01	1	590	123	<0.01	3	5	18
K275482		<10	<1	0.19	20	0.12	1820	2	0.01	<1	580	177	<0.01	<2	4	14
K275483		<10	<1	0.01	<10	12.00	217	<1	<0.01	<1	200	<2	<0.01	<2	<1	54
K275484		<10	<1	0.18	20	0.31	1835	1	0.02	2	620	87	<0.01	<2	5	19
K275485		10	1	0.15	20	0.36	789	2	0.04	<1	590	75	<0.01	<2	4	26
K275486		<10	<1	0.17	20	0.30	1485	1	0.02	1	540	138	0.01	<2	4	20
K275487		<10	<1	0.15	20	0.43	3020	2	0.03	4	650	113	<0.01	<2	4	20
K275488		<10	<1	0.17	20	0.26	850	1	0.02	2	650	256	<0.01	<2	5	20
K275489		<10	<1	0.16	20	0.24	802	1	0.02	2	550	107	<0.01	<2	4	20
K275490		<10	<1	0.17	20	0.21	496	1	0.02	1	650	215	<0.01	2	5	19
K275491		<10	<1	0.16	20	0.24	395	1	0.02	1	670	169	<0.01	<2	5	21
K275492		<10	<1	0.18	20	0.19	385	2	0.02	2	610	142	<0.01	2	5	20
K275493		<10	<1	0.17	20	0.16	417	2	0.01	2	620	255	<0.01	2	5	18
K275494		<10	<1	0.16	20	0.30	401	1	0.02	3	620	117	<0.01	<2	6	22
K275495		<10	<1	0.17	20	0.28	393	1	0.02	2	620	107	<0.01	<2	5	22
K275496		<10	<1	0.15	20	0.33	379	<1	0.03	2	640	96	<0.01	<2	5	24
K275497		<10	<1	0.16	20	0.26	342	<1	0.02	2	630	116	<0.01	<2	5	22
K275498		<10	1	0.16	20	0.32	456	1	0.03	2	670	116	<0.01	<2	5	21
K275499		10	2	0.23	<10	1.11	637	47	0.33	315	710	8980	7.98	30	4	83
K275500		<10	<1	0.15	20	0.30	355	<1	0.02	2	620	118	<0.01	2	4	22
K275501		<10	1	0.14	20	0.27	411	<1	0.02	2	620	125	<0.01	<2	4	19
K275502		<10	<1	0.14	20	0.33	381	<1	0.02	3	630	108	<0.01	<2	4	22
K275503		<10	<1	0.13	20	0.29	569	<1	0.02	3	630	112	<0.01	<2	4	19
K275504		<10	<1	0.14	20	0.32	509	1	0.03	2	620	92	<0.01	<2	4	23
K275505		10	<1	0.15	20	0.34	707	1	0.03	1	660	119	<0.01	<2	5	20
K275506		<10	<1	0.14	20	0.29	749	1	0.02	3	600	105	0.01	<2	4	19
K275507		10	<1	0.16	20	0.39	575	1	0.04	2	650	68	<0.01	2	4	24
K275508		<10	<1	0.16	20	0.35	681	1	0.04	2	580	79	<0.01	<2	5	23
K275509		<10	<1	0.16	20	0.32	678	1	0.04	4	590	76	<0.01	2	4	24
K275510		<10	<1	0.16	20	0.26	681	1	0.03	3	600	92	<0.01	<2	4	21
K275511		<10	<1	0.14	20	0.30	708	1	0.04	1	570	69	0.01	<2	4	21
K275512		<10	<1	0.18	20	0.23	879	1	0.04	<1	520	60	0.01	3	5	20

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza TR - 28

CERTIFICATE OF ANALYSIS WH11158279

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
K275477		20	<0.01	<10	<10	4	<10	109	1
K275478		20	<0.01	<10	<10	10	<10	146	1
K275479		<20	0.04	<10	<10	38	<10	216	<1
K275480		<20	0.03	<10	<10	39	<10	247	2
K275481		<20	0.02	<10	<10	36	<10	242	1
K275482		<20	0.01	<10	<10	30	<10	221	2
K275483		<20	<0.01	<10	10	2	<10	15	2
K275484		<20	0.03	<10	<10	41	<10	183	3
K275485		<20	0.10	<10	<10	46	10	107	1
K275486		<20	0.04	<10	<10	39	<10	173	1
K275487		<20	0.04	<10	<10	44	<10	186	2
K275488		<20	0.04	<10	<10	43	<10	240	<1
K275489		<20	0.04	<10	<10	37	<10	186	2
K275490		<20	0.03	<10	<10	40	<10	234	2
K275491		<20	0.03	<10	<10	42	<10	199	<1
K275492		<20	0.03	<10	<10	38	<10	237	1
K275493		<20	0.02	<10	<10	39	<10	242	2
K275494		<20	0.05	<10	<10	45	<10	202	2
K275495		<20	0.06	<10	<10	45	<10	181	1
K275496		<20	0.07	<10	<10	46	<10	148	1
K275497		<20	0.06	<10	<10	42	<10	162	2
K275498		<20	0.06	<10	<10	46	<10	168	1
K275499		<20	0.06	<10	<10	318	10	7910	30
K275500		<20	0.06	<10	<10	44	<10	172	<1
K275501		<20	0.05	<10	<10	41	<10	182	1
K275502		<20	0.06	<10	<10	44	<10	150	1
K275503		<20	0.05	<10	<10	42	<10	168	1
K275504		<20	0.08	<10	<10	45	<10	141	1
K275505		<20	0.06	<10	<10	45	<10	165	<1
K275506		<20	0.04	<10	<10	40	<10	157	<1
K275507		<20	0.09	<10	<10	51	<10	131	<1
K275508		<20	0.07	<10	<10	46	<10	128	1
K275509		<20	0.08	<10	<10	46	<10	127	<1
K275510		<20	0.05	<10	<10	43	<10	141	1
K275511		<20	0.07	<10	<10	41	<10	116	<1
K275512		<20	0.04	<10	<10	41	<10	125	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158340

Project: Klaza - DDH - 35

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% <2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 35

CERTIFICATE OF ANALYSIS WH11158340

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272840		3.78	<0.005	0.3	0.75	13	<10	440	0.6	<2	2.55	0.7	7	5	6	2.79
K272841		5.21	<0.005	0.2	0.57	8	<10	430	0.5	<2	2.79	<0.5	5	4	4	2.57
K272842		4.76	<0.005	0.2	1.36	9	<10	200	<0.5	<2	1.78	<0.5	11	9	23	2.71
K272843		4.11	<0.005	0.2	1.41	10	<10	190	<0.5	<2	1.80	<0.5	10	9	10	2.67
K272844		3.03	<0.005	0.2	1.51	6	<10	240	<0.5	<2	2.14	<0.5	7	9	12	2.74
K272845		2.66	<0.005	0.2	1.24	6	<10	150	<0.5	<2	1.42	<0.5	6	9	33	2.48
K272846		1.54	<0.005	0.2	0.65	8	<10	530	0.6	<2	3.88	<0.5	5	4	4	2.16
K272847		1.82	<0.005	<0.2	0.04	4	<10	10	<0.5	<2	19.2	<0.5	1	1	1	0.43
K272848		2.81	<0.005	0.3	0.77	16	<10	340	0.6	<2	2.14	<0.5	5	4	3	2.63
K272849		3.53	<0.005	<0.2	1.18	9	<10	540	<0.5	<2	2.05	<0.5	11	8	3	2.38
K272850		2.79	<0.005	0.2	1.19	9	<10	230	<0.5	<2	1.56	<0.5	6	8	3	2.46
K272851		3.91	<0.005	0.3	0.77	10	<10	410	0.6	<2	2.07	<0.5	4	5	3	2.45
K272852		5.20	<0.005	0.4	0.80	15	<10	750	0.7	<2	2.64	<0.5	4	5	5	2.40
K272853		2.16	<0.005	<0.2	1.01	9	<10	460	0.6	<2	2.39	<0.5	3	5	1	1.82
K272854		5.13	<0.005	0.2	1.21	8	<10	250	0.5	<2	2.18	<0.5	4	7	22	2.58
K272855		0.13	1.315	32.7	4.86	154	<10	30	<0.5	8	4.44	31.4	87	55	7850	8.05
K272856		5.38	<0.005	0.2	0.74	10	<10	530	0.6	<2	1.95	<0.5	4	5	7	2.21
K272857		4.44	<0.005	0.2	1.55	12	<10	300	0.6	<2	2.14	<0.5	7	8	21	2.30
K272858		1.41	<0.005	<0.2	1.42	19	<10	190	0.8	<2	6.66	<0.5	4	5	1	2.61
K272859		3.04	<0.005	<0.2	0.05	6	<10	20	<0.5	<2	19.5	<0.5	1	1	1	0.45
K272860		4.08	<0.005	0.2	2.01	22	<10	200	1.1	2	4.17	<0.5	3	6	2	2.51
K272861		5.74	<0.005	0.2	1.55	13	<10	120	0.5	<2	2.57	<0.5	4	7	1	2.40
K272862		5.54	<0.005	<0.2	1.54	11	<10	190	0.5	<2	2.38	<0.5	4	8	2	2.40
K272863		3.53	<0.005	0.2	1.34	14	<10	70	0.8	<2	1.24	<0.5	5	6	1	2.57
K272864		5.11	<0.005	0.3	0.64	35	<10	120	0.9	<2	2.99	<0.5	16	5	23	2.49
K272865		3.04	<0.005	0.3	0.89	17	<10	830	0.9	<2	2.82	<0.5	11	5	3	2.37
K272866		4.49	<0.005	<0.2	1.01	20	<10	190	0.5	<2	1.88	<0.5	16	7	20	2.49
K272867		2.70	<0.005	0.2	0.89	18	<10	230	0.5	<2	1.86	<0.5	13	7	21	2.37
K272868		2.86	<0.005	0.2	0.98	13	<10	210	0.5	<2	1.88	<0.5	9	7	13	2.51
K272869		3.93	<0.005	0.2	1.65	10	<10	150	0.5	<2	1.25	<0.5	7	9	25	2.82
K272870		2.81	<0.005	0.4	1.42	7	<10	180	0.5	<2	1.72	<0.5	6	7	77	2.70
K272871		0.12	1.415	32.8	4.94	155	<10	30	<0.5	<2	4.44	31.3	84	56	7930	8.04
K272872		3.16	<0.005	0.2	1.18	7	<10	120	<0.5	<2	1.18	<0.5	6	9	24	2.44
K272873		2.51	<0.005	0.3	1.01	9	<10	140	0.5	<2	2.10	<0.5	5	7	44	2.53
K272874		4.10	<0.005	0.2	1.00	7	<10	280	0.5	<2	2.07	<0.5	6	6	25	2.28
K272875		3.42	<0.005	0.3	1.28	8	<10	190	<0.5	<2	1.47	<0.5	6	8	53	2.50

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 35

CERTIFICATE OF ANALYSIS WH11158340

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272840		<10	<1	0.32	20	0.80	1350	<1	0.02	2	560	14	0.35	<2	6	135
K272841		<10	<1	0.28	20	0.86	1060	<1	0.01	1	580	12	0.23	<2	4	140
K272842		10	<1	0.21	20	0.89	493	<1	0.05	1	620	7	0.02	2	6	79
K272843		10	<1	0.21	20	0.87	459	<1	0.06	2	590	6	0.02	3	6	77
K272844		10	<1	0.26	20	0.84	509	<1	0.05	2	600	5	0.05	<2	5	73
K272845		<10	<1	0.21	20	0.76	435	<1	0.07	1	570	8	0.02	<2	5	75
K272846		<10	<1	0.30	20	0.76	1085	<1	0.01	<1	560	18	0.13	<2	4	131
K272847		<10	<1	0.02	<10	11.85	208	<1	0.01	1	170	2	<0.01	<2	<1	43
K272848		<10	<1	0.28	20	0.66	1785	<1	0.02	1	500	17	0.20	<2	4	85
K272849		10	<1	0.20	30	0.78	434	<1	0.05	1	570	9	0.04	2	5	90
K272850		<10	<1	0.22	20	0.77	400	<1	0.06	3	570	8	0.01	3	6	79
K272851		<10	<1	0.25	20	0.72	672	<1	0.03	2	580	9	0.11	2	5	96
K272852		<10	<1	0.26	30	0.86	1410	<1	0.02	1	570	38	0.10	4	5	138
K272853		<10	<1	0.28	20	0.72	600	<1	0.03	1	540	8	0.02	3	5	108
K272854		<10	<1	0.27	20	0.76	564	<1	0.04	1	620	5	0.02	4	6	89
K272855		10	1	0.24	<10	1.11	592	44	0.30	327	690	8680	7.89	28	4	72
K272856		<10	<1	0.26	20	0.62	678	<1	0.02	2	580	14	0.14	<2	5	115
K272857		10	<1	0.20	20	0.89	590	<1	0.05	2	640	7	0.03	6	5	99
K272858		<10	<1	0.20	20	0.81	1015	<1	0.02	1	610	23	0.02	17	5	334
K272859		<10	<1	0.03	<10	12.20	199	<1	0.01	1	200	4	<0.01	<2	<1	46
K272860		10	<1	0.18	20	1.15	849	<1	0.03	2	820	20	<0.01	21	6	275
K272861		10	<1	0.14	20	1.01	526	<1	0.04	2	640	13	<0.01	11	6	115
K272862		10	<1	0.20	20	0.95	557	<1	0.03	2	690	8	<0.01	7	5	107
K272863		<10	1	0.23	20	0.77	540	<1	0.03	2	660	6	0.04	4	8	99
K272864		<10	1	0.22	20	1.01	799	<1	0.02	2	540	16	0.18	8	8	173
K272865		<10	<1	0.24	20	0.75	585	<1	0.03	2	620	18	0.06	5	7	149
K272866		<10	<1	0.22	20	0.80	444	<1	0.05	1	600	8	0.04	5	7	108
K272867		<10	<1	0.18	20	0.75	420	<1	0.05	2	590	10	0.04	6	7	111
K272868		<10	<1	0.16	20	0.83	463	<1	0.04	2	630	12	0.01	8	7	148
K272869		10	<1	0.21	30	0.90	470	2	0.04	2	700	10	0.01	2	6	83
K272870		10	1	0.16	30	0.82	503	1	0.03	1	630	12	0.01	4	6	104
K272871		10	1	0.26	<10	1.13	595	44	0.32	324	700	8690	7.97	30	4	75
K272872		10	<1	0.20	20	0.69	374	1	0.09	2	610	16	<0.01	<2	5	97
K272873		<10	<1	0.16	20	0.77	499	<1	0.04	2	570	12	<0.01	5	7	144
K272874		<10	<1	0.20	20	0.72	497	<1	0.04	2	520	8	<0.01	5	7	144
K272875		10	<1	0.26	20	0.73	500	1	0.08	2	610	10	0.02	2	7	117

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 35

CERTIFICATE OF ANALYSIS WH11158340

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272840		<20	<0.01	<10	<10	29	<10	73	<1
K272841		<20	<0.01	<10	<10	26	<10	56	<1
K272842		<20	0.03	<10	<10	51	<10	47	<1
K272843		<20	0.06	<10	<10	53	<10	39	<1
K272844		<20	0.02	<10	<10	47	<10	40	<1
K272845		<20	0.09	<10	<10	52	<10	34	<1
K272846		<20	<0.01	<10	<10	20	<10	54	<1
K272847		<20	<0.01	<10	<10	2	<10	15	<1
K272848		<20	<0.01	<10	<10	25	<10	51	<1
K272849		<20	0.01	<10	<10	40	<10	33	<1
K272850		<20	0.01	<10	<10	43	<10	38	2
K272851		<20	<0.01	<10	<10	30	<10	39	<1
K272852		<20	<0.01	<10	<10	30	<10	75	<1
K272853		20	0.01	<10	<10	27	<10	30	<1
K272854		<20	0.01	<10	<10	43	<10	42	<1
K272855		<20	0.05	<10	<10	312	<10	7690	42
K272856		<20	<0.01	<10	<10	29	<10	48	<1
K272857		20	0.01	<10	<10	41	<10	47	<1
K272858		20	0.01	<10	<10	48	<10	32	<1
K272859		<20	<0.01	<10	10	2	<10	15	1
K272860		20	0.01	<10	<10	49	<10	54	<1
K272861		<20	0.01	<10	<10	49	<10	35	1
K272862		<20	0.01	<10	<10	40	<10	36	1
K272863		<20	<0.01	<10	<10	37	<10	38	<1
K272864		<20	<0.01	<10	<10	32	<10	55	<1
K272865		<20	<0.01	<10	<10	37	<10	53	1
K272866		<20	0.01	<10	<10	45	<10	38	<1
K272867		<20	0.01	<10	<10	45	<10	36	<1
K272868		<20	<0.01	<10	<10	50	<10	39	<1
K272869		<20	0.01	<10	<10	52	<10	42	<1
K272870		20	0.01	<10	<10	47	<10	37	<1
K272871		<20	0.05	<10	<10	313	<10	7620	31
K272872		<20	0.05	<10	<10	51	<10	33	<1
K272873		<20	0.01	<10	<10	44	<10	34	<1
K272874		<20	0.01	<10	<10	41	<10	31	<1
K272875		<20	0.02	<10	<10	48	<10	39	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158341

Project: Klaza - DDH- 32

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 32

CERTIFICATE OF ANALYSIS WH11158341

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269747		6.72	<0.005	0.2	1.16	8	<10	340	<0.5	<2	0.94	<0.5	6	9	18	2.30
K269748		10.03	<0.005	0.2	1.29	4	<10	400	<0.5	<2	0.90	<0.5	6	9	14	2.42
K269749		11.33	<0.005	0.2	1.36	6	<10	350	<0.5	<2	0.97	<0.5	6	8	15	2.41
K269750		7.96	<0.005	0.2	1.29	6	<10	350	<0.5	<2	1.15	<0.5	7	9	17	2.56
K269751		3.93	0.041	2.0	1.00	349	<10	340	0.7	<2	2.27	4.9	7	6	27	2.98
K269752		11.55	<0.005	0.2	1.39	7	<10	440	<0.5	<2	0.96	<0.5	6	9	17	2.40
K269753		11.78	<0.005	0.5	1.33	9	<10	250	<0.5	<2	0.99	1.9	6	7	17	2.36
K269754		11.01	<0.005	0.2	1.41	6	<10	270	<0.5	2	0.98	<0.5	6	7	14	2.50
K269755		0.12	1.540	32.6	5.00	153	<10	40	<0.5	<2	4.39	31.1	85	55	7870	7.98
K269756		9.79	<0.005	0.3	1.26	6	<10	390	<0.5	<2	1.01	<0.5	6	8	18	2.50
K269757		8.06	<0.005	0.2	1.42	8	<10	450	<0.5	<2	1.14	<0.5	6	9	14	2.57
K269758		11.25	<0.005	0.2	1.46	6	<10	290	<0.5	<2	1.02	<0.5	6	8	28	2.46
K269759		8.57	0.023	0.4	1.28	10	<10	200	<0.5	<2	1.15	0.5	7	8	29	2.36
K269760		10.73	<0.005	<0.2	1.42	9	<10	390	<0.5	<2	0.93	<0.5	6	8	19	2.42
K269761		9.41	<0.005	<0.2	1.33	7	<10	520	<0.5	<2	0.91	<0.5	6	8	17	2.43
K269762		0.13	1.480	32.8	4.96	149	<10	40	<0.5	<2	4.45	31.4	85	56	8020	8.07
K269763		8.47	<0.005	0.3	1.35	9	<10	490	<0.5	<2	1.27	<0.5	6	9	46	2.56
K269764		7.87	0.005	0.5	1.29	9	<10	370	<0.5	<2	1.48	<0.5	7	8	59	2.57
K269765		8.86	<0.005	0.3	1.15	26	<10	440	0.5	<2	1.48	<0.5	7	8	43	2.78
K269766		6.66	<0.005	0.4	1.06	14	<10	480	0.6	<2	0.97	<0.5	7	7	25	2.70
K269767		2.00	0.237	5.8	0.63	283	<10	50	0.8	<2	1.90	14.5	10	5	68	3.48
K269768		2.68	<0.005	<0.2	0.08	5	<10	20	<0.5	<2	19.2	<0.5	1	1	1	0.44
K269769		4.46	<0.005	0.3	1.11	7	<10	460	<0.5	<2	1.19	<0.5	6	7	51	2.62
K269770		7.87	<0.005	0.2	1.31	7	<10	380	<0.5	<2	1.17	<0.5	6	9	35	2.49
K269771		2.87	<0.005	0.2	1.01	6	<10	360	<0.5	<2	1.43	<0.5	4	7	16	2.58
K269772		2.90	0.107	13.7	0.64	75	<10	460	0.5	11	2.67	<0.5	12	5	2090	2.62
K269773		10.35	<0.005	0.3	1.14	8	<10	270	<0.5	<2	1.24	<0.5	6	7	94	2.58
K269774		3.37	<0.005	0.3	1.08	<2	<10	510	<0.5	<2	1.30	<0.5	7	11	25	2.68
K269775		7.93	0.094	3.2	0.95	46	<10	630	0.7	<2	2.35	2.8	8	8	24	2.86
K269776		2.51	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	19.7	<0.5	2	<1	1	0.38
K269777		4.51	0.064	1.4	0.72	508	<10	340	0.8	<2	2.15	3.5	6	5	24	2.78
K269778		7.93	<0.005	0.2	1.21	3	<10	430	0.5	<2	1.64	<0.5	7	8	18	2.79
K269779		9.39	<0.005	<0.2	1.27	2	<10	500	<0.5	<2	1.07	<0.5	7	9	11	2.73
K269780		3.64	<0.005	0.2	1.22	<2	<10	470	<0.5	<2	1.11	<0.5	7	10	12	2.69
K269781		7.99	0.026	0.6	1.09	16	<10	490	0.5	<2	1.90	0.7	7	8	11	2.81
K269782		4.30	0.033	0.7	0.78	11	<10	510	<0.5	<2	1.53	0.8	7	8	12	2.65

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VANCOUVER BC V6B 1L8

Finalized Date: 18- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 32

CERTIFICATE OF ANALYSIS WH11158341

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269747		<10	<1	0.26	20	0.55	454	1	0.10	1	500	11	<0.01	<2	4	35
K269748		10	<1	0.27	10	0.63	411	2	0.11	1	600	11	<0.01	<2	4	36
K269749		10	<1	0.26	10	0.62	465	2	0.12	1	590	21	<0.01	<2	4	44
K269750		<10	<1	0.28	10	0.63	542	2	0.12	2	590	21	0.02	<2	5	48
K269751		<10	<1	0.33	20	0.67	1800	3	0.03	1	600	539	0.36	7	7	58
K269752		10	<1	0.29	10	0.66	458	1	0.10	2	590	16	<0.01	2	4	37
K269753		<10	<1	0.21	10	0.53	501	2	0.09	1	610	122	0.03	2	3	37
K269754		10	<1	0.21	10	0.63	390	1	0.10	1	650	11	<0.01	2	3	43
K269755		10	1	0.25	<10	1.12	591	46	0.32	321	700	8600	7.95	28	4	76
K269756		<10	<1	0.30	20	0.59	531	1	0.10	1	580	23	0.02	2	4	42
K269757		10	<1	0.31	20	0.67	485	1	0.12	1	570	39	0.01	<2	5	48
K269758		10	<1	0.21	10	0.64	384	1	0.11	1	600	14	<0.01	3	4	44
K269759		10	<1	0.18	20	0.59	404	3	0.08	1	580	70	0.03	2	4	40
K269760		10	<1	0.24	10	0.65	360	2	0.11	2	570	11	0.02	<2	4	43
K269761		<10	<1	0.32	20	0.65	401	1	0.11	1	570	16	0.03	<2	4	42
K269762		10	1	0.25	<10	1.12	595	45	0.32	326	710	8710	8.06	28	4	74
K269763		10	<1	0.37	20	0.63	454	21	0.13	1	570	14	0.03	<2	6	59
K269764		<10	<1	0.28	20	0.64	639	21	0.10	2	580	32	0.06	2	6	59
K269765		<10	<1	0.31	20	0.58	785	9	0.06	1	590	19	0.12	3	7	61
K269766		<10	<1	0.24	30	0.41	714	<1	0.01	1	620	22	0.06	5	9	38
K269767		<10	<1	0.33	10	0.60	1620	3	0.01	1	520	798	2.31	10	5	63
K269768		<10	<1	0.04	<10	12.15	201	<1	0.01	<1	200	4	0.01	<2	<1	44
K269769		<10	<1	0.33	20	0.63	482	2	0.09	1	610	12	0.03	<2	7	63
K269770		10	<1	0.32	20	0.65	434	1	0.15	1	570	10	<0.01	<2	6	64
K269771		<10	<1	0.23	20	0.50	447	1	0.07	1	590	9	0.04	<2	6	56
K269772		<10	<1	0.22	20	0.56	796	47	0.05	2	470	21	0.65	15	4	71
K269773		<10	<1	0.22	20	0.60	448	4	0.09	2	590	7	0.07	2	6	56
K269774		<10	<1	0.31	20	0.61	477	2	0.10	5	620	12	0.03	<2	6	69
K269775		<10	<1	0.26	20	0.81	758	2	0.05	2	620	155	0.22	<2	9	105
K269776		<10	<1	0.02	<10	12.50	188	<1	0.01	<1	270	2	0.01	<2	<1	55
K269777		<10	<1	0.25	20	0.66	1125	1	0.01	<1	610	161	0.74	4	8	86
K269778		10	<1	0.32	20	0.69	586	1	0.11	1	630	11	0.01	<2	7	85
K269779		10	<1	0.37	20	0.71	494	2	0.13	1	610	9	0.01	<2	5	59
K269780		10	<1	0.36	20	0.69	563	2	0.12	1	600	10	0.02	<2	5	58
K269781		<10	<1	0.32	20	0.69	800	2	0.10	<1	590	38	0.07	<2	8	87
K269782		<10	<1	0.25	20	0.59	629	2	0.08	<1	600	36	0.07	<2	7	75

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VANCOUVER BC V6B 1L8

Finalized Date: 18- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 32

CERTIFICATE OF ANALYSIS WH11158341

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269747		20	0.10	<10	<10	47	<10	44	<1
K269748		<20	0.17	<10	<10	59	<10	40	<1
K269749		<20	0.15	<10	<10	54	<10	53	<1
K269750		<20	0.14	<10	<10	56	<10	63	<1
K269751		<20	0.01	<10	<10	33	<10	631	2
K269752		<20	0.17	<10	<10	56	<10	62	<1
K269753		<20	0.13	<10	<10	49	<10	202	1
K269754		<20	0.17	<10	<10	57	<10	39	<1
K269755		<20	0.06	<10	<10	313	<10	7590	37
K269756		<20	0.14	<10	<10	53	<10	55	<1
K269757		<20	0.14	<10	<10	56	<10	43	<1
K269758		<20	0.17	<10	<10	55	<10	35	<1
K269759		<20	0.14	<10	<10	51	<10	76	<1
K269760		<20	0.17	<10	<10	54	<10	34	<1
K269761		<20	0.16	<10	<10	54	<10	37	<1
K269762		<20	0.06	<10	<10	315	<10	7620	32
K269763		<20	0.11	<10	<10	54	<10	43	<1
K269764		<20	0.09	<10	<10	51	<10	68	<1
K269765		<20	0.05	<10	<10	46	<10	52	<1
K269766		<20	0.03	<10	<10	42	<10	62	<1
K269767		<20	<0.01	<10	<10	21	<10	1180	6
K269768		<20	<0.01	<10	<10	2	<10	15	<1
K269769		<20	0.08	<10	<10	48	<10	38	<1
K269770		<20	0.09	<10	<10	52	<10	34	<1
K269771		<20	0.04	<10	<10	44	<10	35	<1
K269772		<20	<0.01	<10	<10	26	<10	57	13
K269773		<20	0.05	<10	<10	48	<10	36	<1
K269774		<20	0.10	<10	<10	50	<10	40	<1
K269775		<20	0.01	<10	<10	45	<10	239	4
K269776		<20	<0.01	<10	<10	2	<10	15	<1
K269777		<20	<0.01	<10	<10	31	<10	368	1
K269778		<20	0.07	<10	<10	52	<10	40	<1
K269779		<20	0.14	<10	<10	58	<10	37	<1
K269780		<20	0.12	<10	<10	57	<10	41	<1
K269781		<20	0.05	<10	<10	46	<10	79	<1
K269782		<20	0.05	<10	<10	43	<10	78	1

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VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158342

Project: Klaza - DDH- 33

P.O. No.: Batch 3

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH- 33

CERTIFICATE OF ANALYSIS WH11158342

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272758		1.72	<0.005	0.5	0.78	21	<10	440	0.7	<2	2.52	0.6	6	10	9	2.41
K272759		6.67	<0.005	<0.2	1.18	3	<10	490	<0.5	<2	0.93	<0.5	6	13	7	2.33
K272760		6.58	<0.005	0.2	1.27	4	<10	520	<0.5	<2	1.03	<0.5	6	13	6	2.44
K272761		7.16	<0.005	<0.2	1.22	8	<10	430	<0.5	<2	1.06	<0.5	6	12	6	2.37
K272762		6.94	<0.005	0.2	1.18	3	<10	470	<0.5	<2	1.07	<0.5	6	13	14	2.38
K272763		0.12	1.230	33.3	4.94	150	<10	60	<0.5	13	4.31	31.1	86	56	7390	8.36
K272764		6.99	<0.005	<0.2	1.23	5	<10	570	<0.5	<2	1.11	<0.5	6	11	36	2.44
K272765		6.95	<0.005	<0.2	1.20	3	<10	620	<0.5	<2	0.93	<0.5	6	11	11	2.32
K272766		5.76	<0.005	<0.2	1.17	<2	<10	550	<0.5	<2	0.80	<0.5	6	13	8	2.26
K272767		4.41	<0.005	0.6	1.10	6	<10	470	<0.5	<2	1.08	1.4	6	11	9	2.50

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

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Project: Klaza - DDH- 33

CERTIFICATE OF ANALYSIS WH11158342

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272758		<10	<1	0.33	20	0.83	1330	1	0.04	9	560	35	0.22	2	5	142
K272759		10	<1	0.32	20	0.60	450	1	0.13	2	560	6	0.04	<2	4	55
K272760		10	<1	0.31	20	0.65	479	1	0.12	2	590	7	0.01	<2	5	65
K272761		10	<1	0.29	20	0.63	467	1	0.11	1	570	8	0.03	<2	4	61
K272762		10	<1	0.29	20	0.65	442	1	0.11	2	550	7	0.02	<2	5	68
K272763		10	1	0.25	10	1.13	628	46	0.34	316	680	8290	7.42	29	4	82
K272764		10	<1	0.37	20	0.64	473	1	0.11	2	590	7	0.03	<2	4	63
K272765		<10	<1	0.36	20	0.60	441	1	0.12	2	550	9	0.03	<2	4	66
K272766		<10	<1	0.35	20	0.59	487	1	0.13	2	550	8	0.03	<2	4	55
K272767		<10	<1	0.33	20	0.57	551	1	0.10	2	560	47	0.08	2	5	66

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CERTIFICATE OF ANALYSIS WH11158342

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272758		<20	<0.01	<10	<10	22	<10	82	<1
K272759		20	0.16	<10	<10	54	<10	40	<1
K272760		<20	0.17	<10	<10	58	<10	42	<1
K272761		20	0.14	<10	<10	54	<10	38	<1
K272762		20	0.13	<10	<10	54	<10	37	1
K272763		<20	0.06	<10	<10	316	<10	7510	35
K272764		20	0.15	<10	<10	54	<10	41	1
K272765		20	0.14	<10	<10	52	<10	39	<1
K272766		20	0.16	<10	<10	52	<10	38	<1
K272767		20	0.09	<10	<10	47	<10	113	<1

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Finalized Date: 27- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11158343

Project: Klaza - DDH- 33

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11158343

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272686		1.61	<0.005	<0.2	1.17	3	<10	460	<0.5	<2	0.81	<0.5	7	11	21	2.51
K272687		3.46	<0.005	<0.2	1.22	6	<10	660	<0.5	<2	1.34	<0.5	8	10	22	3.07
K272688		4.72	<0.005	<0.2	0.92	9	<10	450	<0.5	<2	1.67	<0.5	7	9	8	2.43
K272689		4.75	<0.005	<0.2	1.14	13	<10	280	<0.5	<2	1.05	<0.5	6	10	13	2.45
K272690		3.54	<0.005	0.2	0.82	11	<10	2100	0.6	<2	1.68	<0.5	7	8	10	2.53
K272691		4.04	<0.005	0.2	0.87	10	<10	420	0.5	<2	1.53	<0.5	7	7	24	2.48
K272692		5.43	<0.005	<0.2	1.09	10	<10	210	<0.5	<2	1.06	<0.5	5	10	12	2.34
K272693		0.12	1.370	33.9	4.92	143	<10	50	<0.5	9	4.13	30.1	79	55	7310	8.10
K272694		7.19	<0.005	0.2	1.17	8	<10	250	<0.5	<2	1.30	<0.5	6	10	41	2.58
K272695		11.39	<0.005	0.2	0.75	20	<10	700	0.6	<2	2.03	<0.5	10	6	9	2.51
K272696		5.36	<0.005	<0.2	1.07	4	<10	630	<0.5	<2	1.01	<0.5	7	10	7	2.74
K272697		2.27	<0.005	<0.2	1.20	5	<10	620	<0.5	<2	1.22	<0.5	7	7	5	2.61
K272698		4.76	<0.005	0.2	1.21	3	<10	1380	<0.5	<2	1.00	<0.5	7	8	10	2.57
K272699		4.54	0.006	0.3	1.04	28	<10	570	<0.5	<2	1.34	<0.5	7	7	12	2.61
K272700		2.27	<0.005	<0.2	0.14	<2	<10	30	<0.5	<2	17.9	<0.5	2	1	2	0.47
K272701		5.31	<0.005	<0.2	0.99	7	<10	570	0.6	<2	2.11	<0.5	6	7	9	2.57
K272702		4.16	<0.005	<0.2	1.00	6	<10	600	0.5	<2	1.66	<0.5	6	7	7	2.74
K272703		5.65	<0.005	<0.2	1.00	10	<10	590	0.6	2	2.34	<0.5	7	6	6	2.59
K272704		4.05	<0.005	<0.2	1.00	13	<10	500	<0.5	<2	1.44	<0.5	9	8	13	2.55
K272705		7.10	<0.005	<0.2	1.07	2	<10	520	<0.5	<2	1.07	<0.5	5	9	8	2.38
K272706		5.54	<0.005	<0.2	1.14	8	<10	500	<0.5	2	1.42	<0.5	6	8	10	2.77
K272707		4.35	<0.005	<0.2	1.04	14	<10	490	<0.5	<2	1.18	<0.5	5	8	6	2.54
K272708		2.85	<0.005	<0.2	1.17	4	<10	540	<0.5	<2	1.12	<0.5	6	11	6	2.59
K272709		1.48	<0.005	<0.2	1.14	<2	<10	570	<0.5	<2	1.02	<0.5	6	9	7	2.61
K272710		2.19	<0.005	0.5	0.75	49	<10	490	0.5	<2	1.47	1.7	6	7	9	2.85
K272711		2.13	<0.005	<0.2	0.86	2	<10	540	<0.5	2	1.24	<0.5	6	8	6	2.47
K272712		2.18	0.029	1.7	0.72	324	<10	540	0.6	2	2.42	3.2	7	5	9	3.07
K272713		3.65	<0.005	<0.2	1.15	4	<10	710	<0.5	<2	1.16	<0.5	6	8	7	2.54
K272714		0.13	1.480	33.5	5.01	153	<10	50	<0.5	<2	4.55	31.6	87	54	7640	7.85
K272715		3.15	<0.005	<0.2	0.91	7	<10	540	<0.5	<2	1.37	<0.5	6	7	9	2.64
K272716		3.53	<0.005	1.0	1.24	<2	<10	700	<0.5	<2	0.89	<0.5	6	9	9	2.70
K272717		1.93	0.016	1.8	0.53	103	<10	390	0.7	<2	4.37	5.7	8	4	16	3.31
K272718		3.15	<0.005	0.3	1.06	5	<10	590	<0.5	<2	1.28	<0.5	6	8	9	2.50
K272719		5.18	0.033	1.5	0.55	227	<10	260	0.7	2	2.56	5.8	6	4	15	2.90
K272720		2.75	<0.005	<0.2	0.06	<2	<10	10	<0.5	2	19.3	<0.5	<1	<1	2	0.43
K272721		2.43	0.021	2.0	0.47	45	<10	510	0.5	3	1.83	1.7	7	4	23	2.66

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Project: Klaza - DDH- 33

CERTIFICATE OF ANALYSIS WH11158343

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272686		<10	<1	0.29	20	0.62	467	1	0.12	3	580	7	0.08	<2	5	39
K272687		10	<1	0.38	20	0.70	643	2	0.10	3	760	7	0.07	<2	6	53
K272688		<10	<1	0.26	20	0.48	621	2	0.06	2	640	13	0.14	<2	5	53
K272689		10	<1	0.21	20	0.62	480	2	0.10	2	590	9	0.05	<2	4	45
K272690		<10	<1	0.27	20	0.42	729	2	0.05	2	590	8	0.17	2	6	59
K272691		<10	<1	0.22	20	0.41	592	2	0.04	2	600	7	0.09	2	7	46
K272692		<10	<1	0.17	20	0.58	451	2	0.09	2	570	7	0.03	<2	4	38
K272693		10	1	0.24	10	1.11	607	45	0.35	301	670	8040	7.20	26	4	81
K272694		10	<1	0.17	20	0.69	632	1	0.07	2	580	19	0.04	<2	5	49
K272695		<10	<1	0.26	20	0.60	809	1	0.05	2	590	13	0.12	<2	6	69
K272696		<10	<1	0.41	20	0.63	598	1	0.14	2	590	6	0.12	<2	7	68
K272697		<10	<1	0.42	20	0.64	595	1	0.10	1	570	7	0.06	<2	6	71
K272698		<10	<1	0.39	20	0.63	530	2	0.09	1	590	5	0.05	<2	6	78
K272699		<10	<1	0.40	20	0.65	700	1	0.10	2	570	14	0.13	<2	6	69
K272700		<10	<1	0.10	<10	11.40	198	<1	0.03	3	180	2	0.02	<2	<1	49
K272701		<10	<1	0.36	20	0.62	718	1	0.05	1	570	10	0.07	<2	7	86
K272702		<10	<1	0.38	20	0.70	713	1	0.07	2	600	12	0.08	<2	8	70
K272703		<10	<1	0.32	20	0.57	696	1	0.03	1	560	11	0.19	<2	8	78
K272704		10	<1	0.34	20	0.67	617	2	0.08	2	550	7	0.18	<2	5	66
K272705		10	<1	0.34	20	0.60	559	1	0.09	1	550	8	0.05	<2	5	53
K272706		<10	<1	0.30	20	0.67	638	1	0.08	1	600	8	0.14	<2	6	67
K272707		<10	<1	0.33	20	0.64	575	2	0.10	1	590	6	0.09	<2	5	64
K272708		10	<1	0.37	20	0.65	723	1	0.11	2	620	6	0.04	<2	5	53
K272709		10	1	0.40	20	0.66	625	1	0.10	1	610	6	0.03	<2	5	49
K272710		<10	<1	0.33	20	0.65	1215	2	0.07	2	560	182	0.25	<2	6	66
K272711		<10	<1	0.38	20	0.63	681	1	0.07	2	570	8	0.06	<2	6	63
K272712		<10	<1	0.29	20	0.81	2530	1	0.04	1	540	475	0.47	3	6	82
K272713		10	<1	0.42	20	0.65	650	1	0.11	1	580	16	0.04	<2	5	66
K272714		10	2	0.24	10	1.07	594	45	0.32	325	680	8470	7.51	22	4	79
K272715		<10	<1	0.31	20	0.66	678	2	0.08	1	600	15	0.10	<2	6	84
K272716		10	<1	0.46	20	0.64	534	5	0.15	2	610	7	0.02	<2	5	58
K272717		<10	1	0.26	20	1.36	3390	5	0.02	1	510	243	0.71	<2	7	153
K272718		10	<1	0.38	20	0.62	624	2	0.09	1	560	7	0.04	<2	6	69
K272719		<10	1	0.30	20	0.69	2860	1	0.01	<1	530	250	1.06	5	6	84
K272720		<10	1	0.04	<10	11.65	201	<1	0.01	1	190	2	0.02	<2	<1	50
K272721		<10	<1	0.24	20	0.55	2080	2	0.01	<1	530	109	0.67	5	6	57

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272686		<20	0.13	<10	<10	56	<10	38	<1
K272687		<20	0.13	<10	<10	68	<10	50	<1
K272688		<20	0.06	<10	<10	44	<10	44	<1
K272689		<20	0.11	<10	<10	52	<10	41	<1
K272690		20	0.02	<10	<10	36	<10	48	<1
K272691		20	0.04	<10	<10	42	<10	45	<1
K272692		<20	0.11	<10	<10	51	<10	38	<1
K272693		<20	0.06	<10	<10	307	<10	7210	31
K272694		<20	0.05	<10	<10	47	<10	74	<1
K272695		<20	0.02	<10	<10	36	<10	53	1
K272696		<20	0.11	<10	<10	52	<10	42	<1
K272697		<20	0.11	<10	<10	55	<10	42	<1
K272698		<20	0.10	<10	<10	50	<10	39	<1
K272699		20	0.09	<10	<10	48	<10	63	<1
K272700		<20	<0.01	<10	<10	4	<10	14	<1
K272701		<20	0.07	<10	<10	45	<10	46	<1
K272702		20	0.09	<10	<10	47	<10	50	<1
K272703		<20	0.06	<10	<10	42	<10	52	<1
K272704		<20	0.08	<10	<10	46	<10	41	<1
K272705		<20	0.11	<10	<10	50	<10	38	<1
K272706		20	0.08	<10	<10	49	<10	42	<1
K272707		20	0.09	<10	<10	49	<10	39	<1
K272708		<20	0.13	<10	<10	54	<10	41	<1
K272709		<20	0.14	<10	<10	60	<10	43	<1
K272710		<20	0.06	<10	<10	42	<10	218	<1
K272711		<20	0.09	<10	<10	45	<10	46	<1
K272712		<20	0.03	<10	<10	30	<10	375	2
K272713		<20	0.12	<10	<10	54	<10	49	<1
K272714		<20	0.05	<10	<10	310	<10	8150	30
K272715		20	0.06	<10	<10	44	<10	56	<1
K272716		20	0.15	<10	<10	56	<10	42	1
K272717		<20	<0.01	<10	<10	26	<10	572	2
K272718		20	0.10	<10	<10	48	<10	49	<1
K272719		<20	<0.01	<10	<10	19	<10	544	1
K272720		<20	<0.01	<10	<10	2	<10	14	<1
K272721		<20	<0.01	<10	<10	25	<10	200	1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11160251

Project: Klaza - Soil

P.O. No.:

This report is for 90 Soil samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28501		0.28	0.002	0.2	2.73	12	<10	200	0.6	4	0.20	0.5	12	32	27	3.72
ZZ28502		0.30	0.002	0.2	3.16	14	<10	230	0.8	5	0.15	<0.5	14	32	28	3.79
ZZ28503		0.22	0.002	0.3	2.15	11	<10	140	<0.5	4	0.16	<0.5	8	28	16	3.65
ZZ28504		0.24	0.014	<0.2	2.70	7	<10	150	0.6	4	0.19	<0.5	11	34	20	3.21
ZZ28505		0.28	<0.001	<0.2	1.37	8	<10	230	<0.5	3	0.25	<0.5	6	24	17	2.72
ZZ28506		0.30	<0.001	<0.2	1.72	9	<10	470	0.6	4	0.31	<0.5	6	20	11	2.30
ZZ28507		0.40	0.003	<0.2	1.91	7	<10	390	0.5	3	0.30	<0.5	6	25	11	2.77
ZZ28508		0.30	0.004	<0.2	1.18	8	<10	190	<0.5	4	0.22	<0.5	4	16	10	2.01
ZZ28509		0.32	<0.001	<0.2	1.18	8	<10	160	0.6	4	0.19	<0.5	13	11	13	3.66
ZZ28510		0.26	0.001	<0.2	1.56	9	<10	130	<0.5	3	0.19	<0.5	5	21	15	2.34
ZZ28511		0.36	0.001	<0.2	1.01	6	<10	160	<0.5	4	0.30	<0.5	4	18	9	1.93
ZZ28512		0.22	0.001	<0.2	1.89	5	<10	160	0.5	4	0.25	<0.5	5	28	15	2.11
ZZ28513		0.26	0.005	0.2	2.16	9	<10	310	0.6	4	0.23	<0.5	7	28	17	2.72
ZZ28514		0.32	0.011	<0.2	1.20	7	<10	250	<0.5	4	0.22	<0.5	6	20	10	1.79
ZZ28515		0.40	0.007	<0.2	1.67	4	<10	280	<0.5	4	0.27	<0.5	6	24	12	2.10
ZZ28516		0.12	0.005	0.8	2.35	2	<10	530	0.8	4	0.49	<0.5	5	17	27	1.67
ZZ28517		0.30	0.002	<0.2	1.38	7	<10	270	0.5	4	0.30	<0.5	5	22	11	2.37
ZZ28518		0.36	<0.001	<0.2	1.46	8	<10	140	<0.5	3	0.30	<0.5	7	25	12	2.45
ZZ28519		0.32	0.002	<0.2	1.52	5	<10	240	0.5	3	0.29	<0.5	6	22	13	2.49
ZZ28520		0.24	0.003	0.5	1.43	6	<10	270	<0.5	3	0.52	0.6	7	19	29	1.39
ZZ28521		0.14	0.002	0.4	1.84	13	<10	360	0.6	3	0.48	0.6	8	23	25	2.05
ZZ28522		0.32	0.002	0.2	1.12	15	<10	190	<0.5	2	0.35	<0.5	5	17	17	2.10
ZZ28523		0.30	0.001	0.4	1.56	8	<10	340	<0.5	2	0.35	0.9	6	18	27	1.49
ZZ28524		0.34	0.001	<0.2	2.01	12	<10	380	0.7	3	0.47	<0.5	10	30	32	2.95
ZZ28525		0.36	0.004	<0.2	1.47	6	<10	240	<0.5	2	0.40	<0.5	7	24	17	2.13
ZZ28526		0.36	0.001	<0.2	1.67	6	<10	340	0.5	3	0.34	<0.5	8	24	21	2.57
ZZ28527		0.34	<0.001	<0.2	1.28	9	<10	210	<0.5	2	0.28	<0.5	6	16	12	1.94
ZZ28528		0.36	<0.001	0.2	1.80	4	<10	330	0.5	7	0.40	<0.5	9	19	62	3.17
ZZ28529		0.34	<0.001	<0.2	1.12	6	<10	160	<0.5	2	0.23	<0.5	5	15	12	2.00
ZZ28530		0.32	0.001	<0.2	1.45	14	<10	270	0.5	<2	0.28	<0.5	9	20	15	2.83
ZZ28531		0.30	0.001	0.2	1.73	13	<10	470	0.5	2	0.40	<0.5	8	27	21	2.66
ZZ28532		0.26	<0.001	0.3	1.52	12	<10	170	<0.5	2	0.22	<0.5	7	21	14	2.41
ZZ28533		0.30	<0.001	<0.2	1.89	13	<10	140	<0.5	2	0.22	<0.5	9	26	27	2.90
ZZ28534		0.30	0.001	<0.2	2.12	17	<10	260	0.7	5	0.27	0.7	21	21	41	6.29
ZZ28535		0.34	0.001	<0.2	1.85	11	<10	250	<0.5	2	0.26	<0.5	8	24	24	3.15
ZZ28536		0.32	0.001	<0.2	1.83	8	<10	360	0.7	2	0.33	0.7	7	21	17	3.06
ZZ28537		0.38	0.009	0.2	1.71	8	<10	300	0.5	3	0.29	<0.5	7	23	21	2.55
ZZ28538		0.26	<0.001	<0.2	2.19	14	<10	270	0.7	2	0.23	<0.5	11	26	20	4.04
ZZ28539		0.28	0.003	<0.2	1.47	10	<10	220	<0.5	2	0.21	<0.5	4	18	13	2.19
ZZ28540		0.30	<0.001	<0.2	1.89	9	<10	250	<0.5	2	0.27	<0.5	7	25	14	2.61

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
ZZ28501		10	1	0.10	10	0.52	620	<1	0.01	19	540	17	0.02	2	6	24
ZZ28502		10	<1	0.13	10	0.54	529	<1	<0.01	23	450	16	0.02	3	8	20
ZZ28503		10	<1	0.08	10	0.39	330	<1	<0.01	13	500	12	0.02	<2	5	18
ZZ28504		10	<1	0.11	10	0.48	287	<1	0.01	19	530	9	0.02	<2	5	19
ZZ28505		10	<1	0.08	10	0.39	296	<1	0.01	11	290	7	0.01	<2	4	23
ZZ28506		10	<1	0.10	10	0.34	264	<1	<0.01	12	400	5	0.01	<2	5	20
ZZ28507		10	<1	0.09	10	0.43	264	<1	0.01	11	420	8	0.01	<2	5	25
ZZ28508		<10	<1	0.07	10	0.27	205	<1	<0.01	9	600	6	0.01	<2	3	14
ZZ28509		10	<1	0.08	10	0.21	989	<1	<0.01	5	860	17	0.01	4	5	14
ZZ28510		10	<1	0.07	10	0.32	176	<1	0.01	10	360	8	0.01	<2	3	15
ZZ28511		<10	<1	0.07	10	0.33	201	<1	0.01	10	540	7	0.01	<2	2	20
ZZ28512		10	<1	0.09	10	0.44	176	<1	<0.01	13	590	7	0.02	<2	4	18
ZZ28513		10	<1	0.10	20	0.41	206	<1	<0.01	14	670	12	0.03	<2	4	18
ZZ28514		<10	<1	0.06	10	0.35	207	<1	0.01	10	440	11	0.02	<2	3	16
ZZ28515		10	<1	0.08	10	0.46	232	<1	0.01	13	620	7	0.03	<2	3	21
ZZ28516		<10	1	0.09	40	0.19	399	<1	0.02	8	1090	6	0.09	<2	6	39
ZZ28517		10	<1	0.08	10	0.38	234	<1	<0.01	10	470	11	0.02	<2	3	20
ZZ28518		10	<1	0.09	10	0.41	312	<1	0.01	13	530	10	0.02	<2	3	21
ZZ28519		10	1	0.08	20	0.33	234	<1	<0.01	10	510	10	0.02	<2	3	19
ZZ28520		<10	<1	0.06	20	0.42	164	<1	0.02	11	780	29	0.05	2	3	48
ZZ28521		<10	<1	0.08	20	0.54	269	<1	0.02	12	860	45	0.07	5	5	50
ZZ28522		<10	<1	0.09	10	0.40	288	1	0.01	7	660	25	0.02	<2	4	29
ZZ28523		<10	<1	0.06	10	0.39	225	<1	0.02	9	710	36	0.08	3	3	35
ZZ28524		10	<1	0.08	30	0.55	508	1	0.01	17	720	13	0.02	3	6	31
ZZ28525		<10	<1	0.06	10	0.49	274	<1	0.01	11	480	11	0.01	3	4	26
ZZ28526		10	<1	0.07	20	0.54	437	<1	0.01	12	450	21	0.01	2	5	25
ZZ28527		<10	<1	0.07	10	0.34	260	<1	0.02	9	420	6	0.01	2	3	21
ZZ28528		10	<1	0.11	10	0.50	431	1	0.01	10	420	12	0.01	6	6	31
ZZ28529		10	<1	0.06	10	0.33	297	1	0.01	6	330	8	0.02	<2	2	20
ZZ28530		<10	<1	0.10	10	0.48	600	1	0.01	11	440	9	0.01	<2	5	20
ZZ28531		<10	<1	0.08	20	0.52	321	<1	0.02	14	570	14	0.01	2	6	28
ZZ28532		10	<1	0.07	10	0.41	321	1	0.01	11	320	35	0.01	<2	3	20
ZZ28533		10	<1	0.10	10	0.46	412	<1	0.01	15	450	37	0.02	2	4	16
ZZ28534		10	<1	0.14	20	0.43	2060	8	0.01	7	830	193	0.02	4	12	22
ZZ28535		10	<1	0.10	10	0.48	352	1	0.01	12	390	46	0.01	2	4	23
ZZ28536		10	<1	0.10	20	0.46	519	1	0.01	10	610	47	0.02	2	7	22
ZZ28537		10	<1	0.09	20	0.47	336	1	0.01	12	420	49	0.01	4	5	22
ZZ28538		10	<1	0.12	20	0.49	663	2	0.01	14	390	24	0.01	<2	7	19
ZZ28539		10	<1	0.06	10	0.25	168	<1	0.01	7	280	20	0.01	<2	3	19
ZZ28540		10	<1	0.09	10	0.45	273	1	0.01	13	300	13	0.01	<2	4	22

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28501		<20	0.07	<10	<10	69	<10	77
ZZ28502		<20	0.08	<10	<10	70	<10	72
ZZ28503		<20	0.08	<10	<10	72	<10	51
ZZ28504		<20	0.08	<10	<10	60	<10	55
ZZ28505		<20	0.09	<10	<10	64	<10	46
ZZ28506		<20	0.03	<10	<10	44	<10	42
ZZ28507		<20	0.03	<10	<10	57	<10	46
ZZ28508		<20	0.04	<10	<10	39	<10	38
ZZ28509		<20	0.02	<10	<10	60	<10	76
ZZ28510		<20	0.06	<10	<10	47	<10	37
ZZ28511		<20	0.07	<10	<10	40	<10	41
ZZ28512		<20	0.07	<10	<10	46	<10	44
ZZ28513		<20	0.04	<10	<10	53	<10	42
ZZ28514		<20	0.04	<10	<10	40	<10	37
ZZ28515		<20	0.06	<10	<10	48	<10	45
ZZ28516		<20	0.01	<10	<10	30	<10	26
ZZ28517		<20	0.06	<10	<10	53	<10	40
ZZ28518		<20	0.06	<10	<10	50	<10	44
ZZ28519		<20	0.06	<10	<10	53	<10	39
ZZ28520		<20	0.05	<10	<10	45	<10	98
ZZ28521		<20	0.05	<10	<10	52	<10	133
ZZ28522		<20	0.05	<10	<10	42	<10	76
ZZ28523		<20	0.05	<10	<10	39	<10	126
ZZ28524		<20	0.07	<10	<10	62	<10	62
ZZ28525		<20	0.08	<10	<10	53	<10	52
ZZ28526		<20	0.09	<10	<10	55	<10	59
ZZ28527		<20	0.05	<10	<10	39	<10	42
ZZ28528		<20	0.08	<10	<10	66	<10	68
ZZ28529		<20	0.08	<10	<10	54	<10	43
ZZ28530		<20	0.08	<10	<10	54	<10	58
ZZ28531		<20	0.09	<10	<10	56	<10	58
ZZ28532		<20	0.08	<10	<10	55	<10	63
ZZ28533		<20	0.07	<10	<10	56	<10	54
ZZ28534		<20	0.06	<10	<10	99	<10	439
ZZ28535		<20	0.10	<10	<10	71	<10	87
ZZ28536		<20	0.05	<10	<10	57	<10	102
ZZ28537		<20	0.07	<10	<10	53	<10	59
ZZ28538		<20	0.09	<10	<10	75	<10	70
ZZ28539		<20	0.07	<10	<10	58	<10	34
ZZ28540		<20	0.09	<10	<10	57	<10	48

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CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28541		0.32	0.003	<0.2	1.65	10	<10	210	<0.5	2	0.23	<0.5	9	23	14	3.17
ZZ28542		0.32	0.001	<0.2	1.01	4	<10	190	<0.5	2	0.32	<0.5	5	16	7	1.74
ZZ28543		0.38	<0.001	<0.2	1.74	8	<10	390	0.5	2	0.35	<0.5	9	26	16	2.97
ZZ28544		0.32	0.004	<0.2	1.60	9	<10	280	0.5	2	0.34	<0.5	9	19	16	3.39
ZZ28545		0.40	0.019	0.2	1.16	32	<10	200	<0.5	3	0.31	<0.5	6	16	42	2.61
ZZ28546		0.30	0.011	0.6	1.15	8	<10	280	<0.5	2	0.32	0.7	4	17	25	1.58
ZZ28547		0.30	0.029	0.6	1.49	25	<10	460	0.6	2	0.38	1.9	9	20	35	2.23
ZZ28548		0.30	0.013	0.7	1.40	17	<10	340	0.5	<2	0.40	0.8	7	19	25	1.97
ZZ28549		0.26	0.014	0.9	1.54	21	<10	410	0.5	2	0.48	1.3	6	21	32	1.72
ZZ28550		0.28	0.010	0.5	0.99	26	<10	270	<0.5	2	0.40	1.3	8	17	29	1.95
ZZ28551		0.28	0.020	0.5	1.15	29	<10	290	<0.5	3	0.39	1.3	9	17	26	2.11
ZZ28552		0.20	0.011	0.8	1.59	22	<10	560	0.5	3	0.43	1.5	13	22	27	2.27
ZZ28553		0.26	0.019	0.5	1.19	13	<10	310	<0.5	2	0.46	1.1	6	17	21	1.23
ZZ28554		0.18	0.009	0.6	1.34	35	<10	1150	0.6	2	0.48	2.0	18	21	38	6.05
ZZ28555		0.24	0.001	<0.2	0.89	5	<10	150	<0.5	2	0.32	<0.5	5	14	9	1.32
ZZ28556		0.26	0.005	0.3	1.58	16	<10	370	0.5	<2	0.37	0.8	9	25	21	2.29
ZZ28557		0.32	0.003	0.2	1.60	11	<10	230	0.5	2	0.40	0.7	10	23	17	2.10
ZZ28558		0.26	0.003	<0.2	1.61	8	<10	240	<0.5	3	0.40	<0.5	10	23	16	2.30
ZZ28559		0.22	0.003	<0.2	1.53	3	<10	240	<0.5	4	0.46	0.7	7	22	21	1.39
ZZ28560		0.26	0.012	<0.2	1.28	9	<10	350	0.5	2	0.54	<0.5	8	22	24	2.24
ZZ28561		0.26	<0.001	<0.2	1.20	8	<10	390	<0.5	2	0.67	<0.5	9	19	18	2.07
ZZ28562		0.28	0.003	<0.2	1.04	11	<10	220	<0.5	2	0.32	<0.5	9	18	11	2.08
ZZ28563		0.28	0.001	<0.2	1.44	10	<10	390	<0.5	3	0.38	<0.5	9	24	21	2.43
ZZ28564		0.26	0.001	<0.2	1.34	12	<10	170	<0.5	2	0.21	<0.5	8	23	25	2.76
ZZ28565		0.30	0.002	<0.2	1.24	7	<10	410	<0.5	3	0.50	<0.5	11	19	15	2.88
ZZ28566		0.20	0.003	0.2	1.85	7	<10	770	0.7	3	0.73	<0.5	11	25	33	2.16
ZZ28567		0.28	<0.001	<0.2	2.36	15	<10	230	0.6	4	0.22	<0.5	12	24	23	3.56
ZZ28568		0.28	0.007	<0.2	2.17	13	<10	180	<0.5	2	0.22	<0.5	10	32	23	3.52
ZZ28569		0.28	0.003	<0.2	2.15	12	<10	150	<0.5	<2	0.22	<0.5	9	31	17	3.07
ZZ28570		0.34	0.002	<0.2	2.64	12	<10	710	1.1	3	0.36	<0.5	9	21	24	3.37
ZZ28751		0.50	0.002	<0.2	1.72	12	<10	210	<0.5	3	0.33	<0.5	12	21	15	2.36
ZZ28752		0.46	0.004	<0.2	1.38	9	<10	160	<0.5	2	0.27	<0.5	9	18	13	1.73
ZZ28753		0.44	0.001	<0.2	1.35	10	<10	150	<0.5	3	0.29	<0.5	9	18	12	1.83
ZZ28754		0.38	0.002	<0.2	1.59	6	<10	230	<0.5	3	0.29	<0.5	8	21	13	1.62
ZZ28755		0.50	0.002	<0.2	1.37	8	<10	180	<0.5	3	0.34	<0.5	11	24	27	1.99
ZZ28756		0.42	0.006	0.4	1.75	16	<10	180	0.5	3	0.30	<0.5	9	29	27	2.33
ZZ28757		0.40	0.005	<0.2	1.74	14	<10	180	0.5	3	0.28	0.6	8	28	20	2.15
ZZ28758		0.40	0.005	<0.2	1.65	13	<10	120	<0.5	3	0.32	<0.5	9	27	33	2.16
ZZ28759		0.52	0.003	<0.2	1.63	15	<10	280	0.7	2	0.45	<0.5	10	24	31	2.69
ZZ28760		0.36	0.001	<0.2	1.85	9	<10	430	0.5	3	0.51	<0.5	9	14	18	2.39

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28541		10	<1	0.13	10	0.49	422	1	0.01	10	300	15	0.01	3	5	19
ZZ28542		<10	<1	0.09	10	0.37	216	<1	0.01	7	670	4	0.01	<2	3	18
ZZ28543		10	<1	0.15	20	0.59	451	1	0.02	13	610	9	0.02	<2	5	24
ZZ28544		10	<1	0.15	20	0.56	564	1	0.01	8	720	11	0.01	<2	6	19
ZZ28545		<10	<1	0.09	20	0.41	339	2	0.01	7	790	36	0.02	2	4	18
ZZ28546		<10	<1	0.08	20	0.31	246	<1	0.01	7	650	19	0.02	2	4	22
ZZ28547		<10	<1	0.07	20	0.40	446	2	0.02	10	740	48	0.05	3	6	35
ZZ28548		<10	<1	0.07	20	0.40	234	1	0.01	11	670	54	0.02	2	5	37
ZZ28549		<10	<1	0.07	20	0.42	484	1	0.02	11	620	56	0.07	3	6	49
ZZ28550		<10	<1	0.09	20	0.37	615	1	0.02	9	670	45	0.03	3	4	36
ZZ28551		<10	<1	0.09	20	0.38	807	2	0.02	9	740	40	0.04	<2	4	37
ZZ28552		<10	<1	0.07	20	0.43	931	1	0.02	12	690	54	0.06	2	6	44
ZZ28553		<10	<1	0.05	10	0.33	401	1	0.01	9	710	37	0.05	2	4	43
ZZ28554		<10	<1	0.06	20	0.31	1400	7	0.02	12	870	30	0.09	2	6	56
ZZ28555		<10	<1	0.04	10	0.29	174	<1	0.01	7	780	9	0.02	2	2	22
ZZ28556		10	<1	0.06	20	0.43	248	2	0.02	14	910	18	0.04	<2	5	32
ZZ28557		10	<1	0.05	20	0.44	249	1	0.02	12	970	15	0.03	<2	5	33
ZZ28558		10	1	0.05	10	0.43	437	2	0.02	12	910	10	0.03	<2	4	36
ZZ28559		10	1	0.05	20	0.36	157	2	0.03	11	910	10	0.08	<2	4	45
ZZ28560		10	<1	0.12	20	0.43	206	2	0.02	11	710	9	0.03	<2	5	32
ZZ28561		10	<1	0.08	10	0.36	345	2	0.02	10	560	8	0.04	<2	3	44
ZZ28562		<10	<1	0.08	10	0.36	394	2	0.01	8	260	6	<0.01	<2	3	22
ZZ28563		10	1	0.08	10	0.48	298	1	0.02	13	380	6	0.01	<2	4	27
ZZ28564		10	<1	0.08	10	0.40	260	3	0.01	21	270	15	0.01	<2	3	19
ZZ28565		<10	1	0.09	10	0.38	558	2	0.02	13	480	10	0.02	<2	5	38
ZZ28566		10	1	0.07	30	0.44	332	2	0.02	19	800	12	0.08	<2	7	56
ZZ28567		10	<1	0.12	10	0.40	429	1	0.02	15	440	13	0.01	<2	7	22
ZZ28568		10	<1	0.08	10	0.46	363	1	0.02	16	500	8	0.01	<2	4	24
ZZ28569		10	<1	0.08	10	0.42	230	1	0.02	15	510	7	0.01	<2	4	22
ZZ28570		10	<1	0.09	40	0.36	478	1	0.02	12	450	9	0.02	<2	9	30
ZZ28751		10	<1	0.07	10	0.56	278	2	0.03	14	630	10	0.01	<2	5	27
ZZ28752		<10	<1	0.06	10	0.39	194	1	0.02	11	670	6	0.01	<2	3	21
ZZ28753		<10	<1	0.06	10	0.43	216	1	0.02	9	600	8	0.01	<2	3	20
ZZ28754		10	<1	0.05	10	0.36	169	1	0.02	10	730	5	0.03	<2	4	20
ZZ28755		10	<1	0.06	10	0.47	510	1	0.02	13	570	13	0.01	<2	4	22
ZZ28756		10	1	0.09	10	0.52	459	1	0.02	15	520	35	0.01	<2	4	22
ZZ28757		10	<1	0.09	10	0.51	302	1	0.02	16	520	32	0.01	2	4	19
ZZ28758		10	<1	0.09	10	0.52	272	1	0.02	16	570	30	0.01	2	4	21
ZZ28759		10	<1	0.09	20	0.53	719	1	0.02	13	720	14	0.01	<2	6	31
ZZ28760		10	<1	0.08	10	0.57	546	1	0.02	8	650	9	0.02	<2	5	34

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28541		<20	0.11	<10	<10	69	<10	57
ZZ28542		<20	0.08	<10	<10	38	<10	37
ZZ28543		<20	0.12	<10	<10	64	<10	61
ZZ28544		<20	0.12	<10	<10	72	<10	68
ZZ28545		<20	0.07	<10	<10	48	<10	98
ZZ28546		<20	0.05	<10	<10	38	<10	68
ZZ28547		<20	0.05	<10	<10	52	<10	173
ZZ28548		<20	0.06	<10	<10	43	<10	167
ZZ28549		<20	0.05	<10	<10	51	<10	157
ZZ28550		<20	0.06	<10	<10	45	<10	103
ZZ28551		<20	0.05	<10	<10	45	<10	117
ZZ28552		<20	0.05	<10	10	46	<10	184
ZZ28553		<20	0.05	<10	<10	42	<10	115
ZZ28554		<20	0.04	<10	10	42	<10	248
ZZ28555		<20	0.05	<10	<10	33	<10	49
ZZ28556		<20	0.05	<10	<10	58	<10	108
ZZ28557		<20	0.05	<10	<10	54	<10	81
ZZ28558		<20	0.05	<10	<10	50	<10	71
ZZ28559		<20	0.05	<10	<10	44	<10	62
ZZ28560		<20	0.07	<10	<10	58	<10	54
ZZ28561		<20	0.05	<10	<10	45	<10	52
ZZ28562		<20	0.07	<10	<10	50	<10	44
ZZ28563		<20	0.07	<10	<10	53	<10	42
ZZ28564		<20	0.08	<10	<10	64	<10	56
ZZ28565		<20	0.04	<10	<10	51	<10	59
ZZ28566		<20	0.04	<10	<10	54	<10	57
ZZ28567		<20	0.05	<10	<10	70	<10	55
ZZ28568		<20	0.11	<10	<10	80	<10	48
ZZ28569		<20	0.10	<10	<10	68	<10	41
ZZ28570		<20	0.02	<10	<10	64	<10	51
ZZ28751		<20	0.09	<10	<10	57	<10	62
ZZ28752		<20	0.06	<10	<10	43	<10	44
ZZ28753		<20	0.08	<10	<10	44	<10	48
ZZ28754		<20	0.07	<10	<10	45	<10	54
ZZ28755		<20	0.09	<10	<10	47	<10	54
ZZ28756		<20	0.08	<10	<10	50	<10	81
ZZ28757		<20	0.09	<10	<10	47	<10	79
ZZ28758		<20	0.10	<10	<10	47	<10	60
ZZ28759		<20	0.06	<10	<10	51	<10	77
ZZ28760		<20	0.02	<10	<10	47	<10	51

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1016 - 510 W HASTINGS STREET
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Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28761		0.40	0.001	<0.2	2.01	9	<10	280	0.5	4	0.28	<0.5	11	26	17	2.86
ZZ28762		0.64	0.002	<0.2	2.27	9	<10	360	0.5	3	0.53	<0.5	9	22	22	2.71
ZZ28763		0.42	0.002	<0.2	1.68	9	<10	370	0.5	3	0.43	<0.5	10	26	17	2.47
ZZ28764		0.58	0.003	<0.2	1.76	9	<10	300	0.5	3	0.46	<0.5	8	27	18	2.44
ZZ28765		0.52	0.001	<0.2	1.77	11	<10	310	<0.5	3	0.38	<0.5	10	26	16	2.71
ZZ28766		0.40	0.003	0.2	1.76	13	<10	390	0.6	4	0.48	0.5	11	26	27	3.06
ZZ28767		0.40	0.004	0.5	1.71	36	<10	480	0.6	<2	0.52	<0.5	12	27	22	2.92
ZZ28768		0.48	<0.001	<0.2	1.40	8	<10	280	<0.5	2	0.38	<0.5	9	22	14	2.21
ZZ28769		0.42	0.001	0.2	1.86	11	<10	400	0.5	2	0.48	<0.5	10	29	21	2.75
ZZ28770		0.44	0.003	0.3	1.60	10	<10	330	0.5	3	0.47	<0.5	7	23	24	2.16

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CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28761		10	1	0.09	10	0.48	429	1	0.01	16	620	5	0.01	<2	5	20
ZZ28762		10	<1	0.08	10	0.64	365	1	0.01	12	530	3	0.01	<2	5	32
ZZ28763		10	<1	0.08	10	0.56	359	1	0.02	14	640	6	0.02	<2	5	27
ZZ28764		10	<1	0.07	20	0.56	274	1	0.02	13	600	3	0.01	<2	5	30
ZZ28765		10	<1	0.08	10	0.54	372	1	0.02	13	490	7	0.01	<2	5	26
ZZ28766		10	1	0.10	20	0.57	372	2	0.02	14	630	38	0.02	2	7	28
ZZ28767		10	<1	0.08	20	0.53	667	3	0.02	15	650	18	0.03	<2	6	33
ZZ28768		10	<1	0.06	10	0.45	320	2	0.02	10	470	15	0.02	<2	4	25
ZZ28769		10	<1	0.10	20	0.53	352	1	0.02	16	560	63	0.02	<2	6	31
ZZ28770		10	<1	0.09	30	0.47	253	1	0.02	12	520	43	0.02	<2	6	27

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CERTIFICATE OF ANALYSIS WH11160251

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28761		<20	0.06	<10	<10	53	<10	51
ZZ28762		<20	0.03	<10	<10	51	<10	51
ZZ28763		<20	0.07	<10	<10	54	<10	53
ZZ28764		<20	0.06	<10	<10	52	<10	51
ZZ28765		<20	0.08	<10	<10	57	<10	70
ZZ28766		<20	0.08	<10	<10	66	<10	83
ZZ28767		<20	0.07	<10	<10	58	<10	80
ZZ28768		<20	0.07	<10	<10	46	<10	49
ZZ28769		<20	0.07	<10	<10	55	<10	56
ZZ28770		<20	0.08	<10	<10	50	<10	71

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CERTIFICATE WH11160252

Project: Klaza - Soil

P.O. No.:

This report is for 180 Soil samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28771		0.40	0.001	<0.2	1.64	9	<10	310	<0.5	<2	0.47	<0.5	7	21	12	2.49
ZZ28772		0.32	0.019	0.4	1.69	5	<10	510	<0.5	<2	0.55	<0.5	7	21	21	2.16
ZZ28773		0.36	0.004	0.5	1.99	8	<10	600	0.6	<2	0.50	<0.5	7	27	22	2.52
ZZ28774		0.48	0.003	<0.2	1.64	9	<10	480	0.5	<2	0.47	<0.5	6	16	21	2.36
ZZ28775		0.30	0.018	1.0	1.94	23	<10	500	0.6	<2	0.45	1.7	7	23	29	2.23
ZZ28776		0.42	0.015	1.0	1.88	15	<10	590	0.6	<2	0.48	1.4	6	23	40	1.81
ZZ28777		0.24	0.007	0.6	1.36	9	<10	390	<0.5	<2	0.36	<0.5	4	15	16	1.22
ZZ28778		0.36	0.010	0.6	1.59	9	<10	380	<0.5	<2	0.33	0.6	5	19	21	1.54
ZZ28779		0.18	0.007	0.3	1.25	7	<10	320	<0.5	<2	0.41	0.6	4	15	21	1.06
ZZ28780		0.28	0.004	0.2	0.89	2	<10	210	<0.5	<2	0.33	<0.5	3	12	8	1.20
ZZ28801		0.28	0.003	<0.2	1.29	6	<10	280	0.5	<2	0.29	<0.5	6	19	12	1.84
ZZ28802		0.22	0.002	<0.2	1.56	9	<10	230	0.7	<2	0.30	<0.5	9	22	11	2.51
ZZ28803		0.22	<0.001	0.2	1.33	10	<10	110	<0.5	<2	0.20	<0.5	7	19	12	2.35
ZZ28804		0.14	0.003	0.6	1.85	40	<10	380	0.8	<2	0.49	<0.5	11	20	35	2.72
ZZ28805		0.22	0.003	0.6	1.46	25	<10	240	0.6	2	0.37	<0.5	8	16	26	2.29
ZZ28806		0.12	0.003	0.7	1.56	29	<10	300	0.7	<2	0.56	0.7	10	17	35	2.30
ZZ28807		0.14	0.003	0.4	1.32	20	<10	260	0.5	2	0.38	<0.5	8	16	27	2.09
ZZ28808		0.18	0.002	<0.2	1.05	20	<10	170	<0.5	2	0.34	<0.5	7	14	16	2.00
ZZ28809		0.20	0.002	0.4	1.42	27	<10	170	0.5	<2	0.30	<0.5	9	16	16	2.30
ZZ28810		0.16	0.006	0.3	1.69	31	<10	290	0.6	<2	0.42	<0.5	11	19	25	2.69
ZZ28811		0.16	0.005	0.3	1.77	33	<10	220	0.5	<2	0.43	0.5	11	18	23	2.67
ZZ28812		0.14	0.003	0.6	1.79	26	<10	290	0.6	<2	0.47	<0.5	8	19	34	2.42
ZZ28813		0.26	0.003	<0.2	1.30	15	<10	350	0.5	<2	0.44	<0.5	8	18	14	2.59
ZZ28814		0.30	0.002	0.2	1.64	11	<10	300	<0.5	<2	0.37	<0.5	9	19	18	2.64
ZZ28815		0.20	0.002	<0.2	1.55	11	<10	310	<0.5	<2	0.32	<0.5	10	20	22	2.79
ZZ28816		0.22	0.008	0.2	2.13	10	<10	530	0.9	2	0.35	<0.5	10	21	25	3.50
ZZ28817		0.26	0.006	0.5	1.02	21	<10	240	0.9	2	0.33	0.8	14	11	17	5.75
ZZ28818		0.28	0.002	0.3	1.68	22	<10	540	0.9	<2	0.42	<0.5	18	10	29	5.40
ZZ28819		0.24	<0.001	<0.2	1.77	6	<10	200	0.7	2	0.26	<0.5	18	9	23	6.15
ZZ28820		0.26	0.001	0.2	1.31	12	<10	250	<0.5	<2	0.20	<0.5	12	17	16	3.62
ZZ28821		0.18	0.001	<0.2	1.50	11	<10	190	<0.5	<2	0.20	<0.5	8	19	13	2.78
ZZ28822		0.22	0.002	<0.2	1.37	7	<10	250	0.5	<2	0.22	<0.5	9	15	15	2.72
ZZ28823		0.18	0.003	<0.2	1.77	8	<10	230	<0.5	2	0.26	<0.5	10	23	20	2.60
ZZ28824		0.22	0.001	<0.2	1.16	5	<10	110	<0.5	<2	0.13	<0.5	5	14	8	1.71
ZZ28825		0.26	0.001	<0.2	2.00	13	<10	240	0.6	<2	0.26	<0.5	11	22	17	2.76
ZZ28826		0.22	0.005	<0.2	1.12	6	<10	240	<0.5	<2	0.32	<0.5	6	16	9	1.88
ZZ28827		0.14	0.020	1.1	1.82	61	<10	590	0.7	<2	0.44	2.6	11	21	43	3.22
ZZ28828		0.34	0.026	0.7	1.57	62	<10	430	0.6	<2	0.40	1.7	8	19	36	2.68
ZZ28829		0.22	0.012	0.6	1.35	20	<10	440	0.5	<2	0.49	1.4	9	17	34	1.86
ZZ28830		0.32	0.009	0.4	0.98	19	<10	220	<0.5	<2	0.32	0.6	7	13	15	1.31

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28771		10	<1	0.09	10	0.59	243	<1	0.03	10	560	15	0.03	<2	4	28
ZZ28772		<10	1	0.09	20	0.46	647	<1	0.03	9	850	31	0.06	<2	5	36
ZZ28773		<10	1	0.11	20	0.49	361	1	0.02	13	850	19	0.05	<2	6	33
ZZ28774		<10	<1	0.09	10	0.52	515	1	0.02	7	590	11	0.03	<2	5	31
ZZ28775		<10	<1	0.08	20	0.46	461	1	0.01	11	640	70	0.06	<2	7	39
ZZ28776		10	<1	0.10	20	0.44	273	<1	0.02	9	550	58	0.10	<2	8	36
ZZ28777		<10	<1	0.07	10	0.26	172	<1	0.02	5	620	31	0.05	<2	5	24
ZZ28778		<10	<1	0.07	20	0.34	181	<1	0.02	7	640	34	0.04	<2	5	22
ZZ28779		<10	<1	0.05	20	0.27	244	<1	0.02	7	750	17	0.06	<2	3	29
ZZ28780		<10	<1	0.04	10	0.23	131	<1	0.02	3	700	8	0.03	<2	2	24
ZZ28801		<10	<1	0.06	10	0.34	215	<1	0.01	8	490	12	0.02	<2	4	21
ZZ28802		<10	<1	0.07	20	0.33	500	1	0.01	10	470	13	0.02	<2	4	22
ZZ28803		10	<1	0.07	10	0.29	273	1	0.02	10	380	11	0.02	<2	3	15
ZZ28804		<10	<1	0.08	30	0.50	1095	2	0.03	11	970	68	0.05	5	4	47
ZZ28805		<10	<1	0.08	20	0.40	419	1	0.03	9	730	42	0.04	4	3	32
ZZ28806		<10	<1	0.08	30	0.42	873	2	0.03	10	910	46	0.06	4	4	54
ZZ28807		<10	1	0.06	20	0.35	393	1	0.03	9	730	34	0.05	2	3	36
ZZ28808		<10	<1	0.07	10	0.33	477	2	0.03	7	600	30	0.02	2	3	31
ZZ28809		<10	<1	0.08	10	0.43	503	2	0.03	9	610	43	0.02	4	3	28
ZZ28810		<10	<1	0.07	20	0.51	962	2	0.03	10	620	54	0.02	3	4	50
ZZ28811		<10	1	0.07	10	0.54	730	2	0.02	11	700	63	0.03	3	3	52
ZZ28812		<10	<1	0.06	20	0.50	427	2	0.03	9	840	48	0.05	3	3	63
ZZ28813		<10	<1	0.14	20	0.47	643	1	0.03	9	790	20	0.02	<2	6	25
ZZ28814		<10	<1	0.09	10	0.48	397	3	0.02	10	510	24	0.02	<2	4	24
ZZ28815		10	<1	0.09	10	0.41	550	2	0.03	10	390	12	0.02	2	5	28
ZZ28816		10	1	0.11	30	0.37	557	4	0.02	11	560	12	0.02	<2	9	29
ZZ28817		<10	<1	0.11	20	0.24	1460	14	0.02	6	710	34	0.02	5	12	18
ZZ28818		10	<1	0.14	30	0.43	2610	6	0.03	5	1080	113	0.02	3	15	27
ZZ28819		10	<1	0.09	20	0.28	995	5	0.02	3	670	27	0.01	<2	11	18
ZZ28820		10	<1	0.10	10	0.40	787	2	0.02	8	400	34	0.01	3	6	16
ZZ28821		10	<1	0.08	10	0.35	231	1	0.02	10	340	10	0.01	<2	3	20
ZZ28822		<10	<1	0.10	20	0.30	517	1	0.02	9	450	10	0.01	2	5	18
ZZ28823		<10	<1	0.10	10	0.45	366	1	0.02	14	420	9	0.01	<2	4	20
ZZ28824		10	<1	0.05	10	0.23	121	<1	0.01	6	330	9	0.01	<2	2	12
ZZ28825		10	1	0.13	10	0.45	483	1	0.02	14	430	35	0.01	<2	4	20
ZZ28826		<10	<1	0.07	10	0.39	231	<1	0.02	9	490	5	0.01	2	3	20
ZZ28827		<10	<1	0.08	30	0.46	665	3	0.03	12	720	55	0.05	3	8	46
ZZ28828		<10	<1	0.07	20	0.40	390	3	0.03	10	680	48	0.04	2	6	38
ZZ28829		<10	<1	0.08	20	0.34	878	1	0.03	10	720	42	0.08	2	5	51
ZZ28830		<10	<1	0.05	20	0.28	241	1	0.02	7	610	28	0.02	2	4	26

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Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28771		<20	0.11	<10	<10	64	<10	61
ZZ28772		<20	0.07	<10	<10	54	<10	61
ZZ28773		<20	0.05	<10	<10	53	<10	61
ZZ28774		<20	0.06	<10	<10	52	<10	50
ZZ28775		<20	0.04	<10	<10	54	<10	199
ZZ28776		<20	0.04	<10	<10	50	<10	196
ZZ28777		<20	0.02	<10	<10	36	<10	89
ZZ28778		<20	0.04	<10	<10	43	<10	109
ZZ28779		<20	0.04	<10	<10	39	<10	66
ZZ28780		<20	0.04	<10	<10	19	<10	53
ZZ28801		<20	0.03	<10	<10	42	<10	33
ZZ28802		<20	0.03	<10	<10	53	<10	51
ZZ28803		<20	0.06	<10	<10	51	<10	40
ZZ28804		<20	0.03	<10	<10	53	<10	122
ZZ28805		<20	0.03	<10	<10	45	<10	91
ZZ28806		<20	0.03	<10	<10	46	<10	96
ZZ28807		<20	0.04	<10	<10	44	<10	68
ZZ28808		<20	0.04	<10	<10	41	<10	75
ZZ28809		<20	0.04	<10	<10	44	<10	89
ZZ28810		<20	0.04	<10	<10	50	<10	104
ZZ28811		<20	0.03	<10	<10	53	<10	116
ZZ28812		<20	0.03	<10	<10	49	<10	87
ZZ28813		<20	0.09	<10	<10	50	<10	78
ZZ28814		<20	0.08	<10	<10	55	<10	63
ZZ28815		<20	0.09	<10	<10	64	<10	57
ZZ28816		<20	0.05	<10	<10	70	<10	64
ZZ28817		<20	0.03	<10	<10	86	<10	170
ZZ28818		20	0.04	<10	<10	78	<10	149
ZZ28819		20	0.03	<10	<10	70	<10	108
ZZ28820		<20	0.11	<10	<10	75	<10	84
ZZ28821		<20	0.11	<10	<10	73	<10	53
ZZ28822		<20	0.06	<10	<10	50	<10	50
ZZ28823		<20	0.09	<10	<10	53	<10	50
ZZ28824		<20	0.07	<10	<10	41	<10	28
ZZ28825		<20	0.07	<10	<10	52	<10	80
ZZ28826		<20	0.06	<10	<10	40	<10	44
ZZ28827		<20	0.05	<10	<10	57	<10	229
ZZ28828		<20	0.06	<10	<10	53	<10	173
ZZ28829		<20	0.05	<10	<10	46	<10	169
ZZ28830		<20	0.05	<10	<10	33	<10	107

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CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28831		0.24	0.017	0.7	1.78	28	<10	380	0.5	2	0.51	1.4	8	25	35	2.05
ZZ28832		0.24	0.009	0.5	1.20	14	<10	300	<0.5	<2	0.38	1.0	7	17	22	1.38
ZZ28833		0.32	0.015	0.4	1.26	16	<10	240	<0.5	<2	0.37	<0.5	7	18	12	1.45
ZZ28834		0.18	0.006	0.2	1.48	21	<10	230	<0.5	<2	0.31	0.6	9	21	17	2.35
ZZ28835		0.56	0.011	0.3	1.46	8	<10	240	<0.5	<2	0.38	<0.5	6	24	13	1.98
ZZ28836		0.26	0.006	<0.2	1.00	3	<10	210	<0.5	<2	0.54	<0.5	6	13	16	1.36
ZZ28837		0.18	0.003	<0.2	1.45	3	<10	490	<0.5	<2	0.97	<0.5	7	23	22	1.44
ZZ28838		0.32	0.001	<0.2	1.34	3	<10	290	<0.5	<2	0.40	<0.5	8	15	7	1.91
ZZ28839		0.46	0.003	0.2	1.25	6	<10	480	0.5	<2	0.61	<0.5	10	16	23	2.87
ZZ28840		0.40	0.003	<0.2	1.54	9	<10	450	0.7	<2	0.48	<0.5	10	10	19	3.15
ZZ28841		0.42	0.003	<0.2	1.36	8	<10	440	0.6	<2	0.43	<0.5	10	17	19	3.10
ZZ28842		0.36	0.002	<0.2	1.53	10	<10	340	0.6	<2	0.39	<0.5	10	18	24	2.83
ZZ28843		0.36	0.002	<0.2	1.79	6	<10	380	0.6	<2	0.36	<0.5	9	21	23	2.91
ZZ28844		0.36	0.002	<0.2	1.86	8	<10	270	<0.5	<2	0.29	<0.5	10	28	16	2.81
ZZ28845		0.42	0.003	<0.2	1.35	7	<10	360	0.5	<2	0.32	<0.5	10	19	16	2.20
ZZ28846		0.34	0.039	0.2	2.32	10	<10	270	0.6	<2	0.24	<0.5	10	28	21	2.94
ZZ28847		0.40	0.002	<0.2	2.00	11	<10	350	0.5	<2	0.20	<0.5	11	22	22	2.73
ZZ28848		0.46	0.002	<0.2	1.57	8	<10	300	0.5	<2	0.26	<0.5	9	24	13	2.52
ZZ28849		0.32	0.004	<0.2	1.32	9	<10	140	<0.5	<2	0.20	<0.5	7	21	13	2.61
ZZ28850		0.38	0.004	<0.2	1.32	6	<10	330	<0.5	<2	0.37	<0.5	7	14	10	2.15
ZZ28851		0.22	0.002	0.2	1.77	7	<10	180	<0.5	<2	0.26	<0.5	8	21	14	1.76
ZZ28852		0.24	0.003	<0.2	1.51	11	<10	160	<0.5	<2	0.26	<0.5	9	18	12	2.17
ZZ28853		0.12	0.008	<0.2	1.66	7	<10	200	<0.5	<2	0.30	<0.5	11	19	14	1.95
ZZ28854		0.26	0.012	0.5	2.00	24	<10	210	0.6	2	0.29	<0.5	9	29	69	2.52
ZZ28855		0.30	0.005	0.3	1.65	14	<10	270	0.5	2	0.40	<0.5	8	26	27	2.45
ZZ28856		0.38	0.003	0.2	1.88	10	<10	320	0.6	<2	0.39	<0.5	8	24	22	2.45
ZZ28857		0.30	0.003	<0.2	1.42	6	<10	330	<0.5	<2	0.32	<0.5	8	23	17	2.09
ZZ28858		0.26	0.003	0.3	2.25	8	<10	450	0.9	2	0.78	<0.5	9	15	15	2.80
ZZ28859		0.28	0.003	<0.2	1.90	10	<10	120	<0.5	2	0.25	<0.5	13	26	17	3.29
ZZ28860		0.28	0.002	<0.2	1.50	4	<10	250	<0.5	<2	0.34	<0.5	10	24	15	2.30
ZZ28861		0.26	0.003	<0.2	1.39	7	<10	300	<0.5	<2	0.37	<0.5	9	25	16	2.35
ZZ28862		0.24	0.005	<0.2	1.85	9	<10	290	<0.5	<2	0.29	<0.5	9	25	17	2.58
ZZ28863		0.28	0.004	0.2	1.29	15	<10	370	0.5	<2	0.43	<0.5	8	19	17	2.84
ZZ28864		0.22	0.005	0.5	1.72	7	<10	330	<0.5	<2	0.38	<0.5	8	24	15	2.24
ZZ28865		0.20	0.008	0.2	1.64	12	<10	330	<0.5	<2	0.35	<0.5	10	24	16	2.53
ZZ28866		0.22	0.001	<0.2	0.84	3	<10	170	<0.5	<2	0.26	<0.5	5	11	11	1.20
ZZ28867		0.30	0.003	<0.2	1.39	8	<10	250	<0.5	<2	0.31	<0.5	8	23	14	2.26
ZZ28868		0.28	0.018	<0.2	1.41	7	<10	220	<0.5	<2	0.34	<0.5	7	19	12	2.34
ZZ28869		0.24	0.001	<0.2	1.48	7	<10	300	<0.5	<2	0.35	<0.5	10	17	14	3.11
ZZ28870		0.26	0.003	<0.2	1.97	10	<10	210	<0.5	2	0.25	<0.5	12	21	32	2.96

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CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28831		<10	<1	0.08	20	0.51	336	2	0.03	13	670	49	0.05	<2	6	57
ZZ28832		<10	<1	0.05	20	0.33	226	1	0.03	8	630	36	0.04	<2	4	39
ZZ28833		<10	<1	0.05	10	0.35	191	1	0.02	8	630	29	0.03	<2	3	36
ZZ28834		<10	<1	0.05	20	0.38	189	1	0.03	10	840	17	0.04	<2	4	28
ZZ28835		<10	<1	0.05	20	0.45	426	<1	0.01	12	780	11	0.03	<2	5	29
ZZ28836		<10	<1	0.04	10	0.31	162	<1	0.03	7	720	6	0.09	<2	3	50
ZZ28837		<10	<1	0.04	20	0.43	297	1	0.03	15	940	13	0.11	<2	5	63
ZZ28838		<10	<1	0.09	10	0.48	233	2	0.02	8	610	9	0.02	<2	3	23
ZZ28839		<10	<1	0.10	20	0.40	550	4	0.03	8	540	10	0.03	2	6	40
ZZ28840		<10	<1	0.14	20	0.50	584	4	0.02	5	420	12	0.01	3	9	32
ZZ28841		<10	<1	0.13	20	0.49	539	4	0.03	9	460	12	0.02	<2	6	32
ZZ28842		<10	<1	0.12	20	0.42	415	2	0.02	10	360	9	0.01	<2	6	29
ZZ28843		10	<1	0.11	20	0.44	424	1	0.02	11	300	12	0.01	<2	6	30
ZZ28844		10	<1	0.09	10	0.52	313	1	0.02	14	310	8	0.01	<2	4	25
ZZ28845		<10	<1	0.08	20	0.42	229	1	0.03	11	370	9	0.02	<2	6	24
ZZ28846		10	<1	0.11	10	0.47	257	1	0.02	14	350	10	0.01	<2	5	24
ZZ28847		10	<1	0.10	20	0.41	379	1	0.02	16	320	11	0.01	<2	6	20
ZZ28848		<10	<1	0.08	20	0.47	308	1	0.02	13	370	8	0.01	<2	5	21
ZZ28849		<10	<1	0.07	10	0.38	226	1	0.02	10	370	8	0.01	<2	3	17
ZZ28850		<10	<1	0.06	20	0.44	369	1	0.02	6	910	8	0.02	2	5	23
ZZ28851		<10	1	0.07	10	0.49	175	1	0.03	11	640	17	0.03	<2	4	22
ZZ28852		<10	<1	0.06	10	0.44	217	1	0.03	9	620	11	0.02	<2	3	20
ZZ28853		<10	<1	0.06	10	0.47	236	<1	0.04	10	590	12	0.02	<2	3	23
ZZ28854		10	<1	0.11	10	0.48	654	4	0.02	16	510	30	0.02	3	4	24
ZZ28855		<10	<1	0.09	20	0.54	391	1	0.03	14	590	14	0.02	<2	5	32
ZZ28856		<10	<1	0.08	20	0.53	345	1	0.02	13	470	10	0.01	<2	6	30
ZZ28857		<10	1	0.07	20	0.45	233	1	0.02	14	510	6	0.01	<2	4	24
ZZ28858		10	<1	0.08	30	0.82	640	1	0.02	9	780	13	0.02	2	9	43
ZZ28859		10	<1	0.09	10	0.55	742	1	0.02	13	390	13	0.01	<2	5	22
ZZ28860		<10	<1	0.08	20	0.53	505	<1	0.02	14	570	6	0.01	<2	5	24
ZZ28861		<10	<1	0.08	20	0.52	309	<1	0.03	14	550	5	0.01	<2	5	26
ZZ28862		10	<1	0.08	10	0.49	351	2	0.03	15	460	7	0.02	<2	4	23
ZZ28863		<10	<1	0.10	20	0.44	537	2	0.03	9	730	20	0.02	<2	7	29
ZZ28864		10	<1	0.07	10	0.49	284	1	0.03	12	470	36	0.02	<2	4	28
ZZ28865		10	<1	0.08	10	0.48	655	1	0.03	14	620	55	0.02	<2	5	25
ZZ28866		<10	<1	0.06	10	0.23	147	<1	0.04	5	420	15	0.02	<2	2	19
ZZ28867		<10	<1	0.08	10	0.49	315	1	0.02	12	360	45	0.01	<2	4	20
ZZ28868		<10	<1	0.08	10	0.45	311	1	0.02	10	530	20	0.01	<2	4	23
ZZ28869		<10	<1	0.12	10	0.47	393	2	0.02	8	320	10	0.01	<2	6	27
ZZ28870		10	<1	0.17	10	0.55	508	2	0.02	15	560	24	0.02	<2	5	17

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28831		<20	0.06	<10	10	58	<10	153
ZZ28832		<20	0.05	<10	<10	36	<10	120
ZZ28833		<20	0.05	<10	<10	41	<10	94
ZZ28834		<20	0.04	<10	<10	53	<10	87
ZZ28835		<20	0.05	<10	<10	46	<10	78
ZZ28836		<20	0.04	<10	<10	33	<10	58
ZZ28837		<20	0.05	<10	10	44	<10	68
ZZ28838		<20	0.08	<10	<10	46	<10	56
ZZ28839		<20	0.04	<10	<10	54	<10	51
ZZ28840		<20	0.03	<10	<10	54	<10	62
ZZ28841		<20	0.06	<10	<10	55	<10	54
ZZ28842		<20	0.05	<10	<10	53	<10	52
ZZ28843		<20	0.06	<10	<10	58	<10	55
ZZ28844		<20	0.08	<10	<10	62	<10	51
ZZ28845		<20	0.06	<10	<10	47	<10	41
ZZ28846		<20	0.07	<10	<10	62	<10	48
ZZ28847		<20	0.06	<10	<10	52	<10	45
ZZ28848		<20	0.07	<10	<10	50	<10	46
ZZ28849		<20	0.07	<10	<10	58	<10	40
ZZ28850		<20	0.03	<10	<10	47	<10	50
ZZ28851		<20	0.07	<10	<10	58	<10	68
ZZ28852		<20	0.07	<10	<10	48	<10	54
ZZ28853		<20	0.08	<10	<10	46	<10	59
ZZ28854		<20	0.07	<10	<10	49	<10	93
ZZ28855		<20	0.08	<10	<10	51	<10	63
ZZ28856		<20	0.06	<10	<10	50	<10	49
ZZ28857		<20	0.07	<10	<10	43	<10	41
ZZ28858		<20	0.02	<10	<10	56	<10	81
ZZ28859		<20	0.08	<10	<10	65	<10	78
ZZ28860		<20	0.10	<10	<10	48	<10	49
ZZ28861		<20	0.10	<10	<10	50	<10	47
ZZ28862		<20	0.09	<10	<10	55	<10	54
ZZ28863		<20	0.07	<10	<10	52	<10	93
ZZ28864		<20	0.07	<10	<10	52	<10	58
ZZ28865		<20	0.06	<10	<10	56	<10	65
ZZ28866		<20	0.04	<10	<10	26	<10	29
ZZ28867		<20	0.10	<10	<10	48	<10	62
ZZ28868		<20	0.08	<10	<10	50	<10	61
ZZ28869		<20	0.10	<10	<10	65	<10	71
ZZ28870		<20	0.13	<10	<10	61	<10	60

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VANCOUVER BC V6B 1L8

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Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28871		0.24	0.015	0.9	1.86	43	<10	410	0.5	<2	0.54	0.9	10	22	27	2.82
ZZ28872		0.24	0.014	0.6	1.69	14	<10	340	0.5	2	0.43	0.7	8	21	28	1.89
ZZ28873		0.24	0.007	0.2	1.08	15	<10	300	<0.5	<2	0.36	0.7	8	16	16	1.94
ZZ28874		0.22	0.007	0.3	1.18	7	<10	300	<0.5	<2	0.33	0.6	6	16	13	1.43
ZZ28875		0.32	0.011	0.4	1.14	4	<10	270	<0.5	<2	0.32	0.6	5	18	16	1.11
ZZ28876		0.26	0.013	<0.2	1.07	8	<10	140	<0.5	<2	0.33	<0.5	7	16	12	1.96
ZZ28877		0.20	0.003	0.2	1.07	6	<10	140	<0.5	<2	0.36	<0.5	6	17	13	1.52
ZZ28878		0.16	0.007	0.2	1.77	10	<10	290	<0.5	2	0.36	1.1	7	26	19	1.63
ZZ28879		0.18	0.005	0.2	1.54	8	<10	210	<0.5	<2	0.33	0.7	7	22	15	1.76
ZZ28880		0.18	0.003	<0.2	1.33	24	<10	180	0.5	3	0.43	0.8	17	19	17	5.45
ZZ28881		0.22	0.005	0.2	1.74	9	<10	240	0.5	<2	0.39	0.7	9	26	14	1.96
ZZ28882		0.18	0.005	0.2	2.21	11	<10	750	1.3	<2	0.62	<0.5	9	16	24	3.23
ZZ28883		0.26	0.002	<0.2	1.33	11	<10	330	0.5	<2	0.42	<0.5	8	19	12	2.54
ZZ28884		0.28	0.003	<0.2	1.22	8	<10	410	0.7	<2	0.29	<0.5	9	14	13	2.86
ZZ28885		0.30	0.003	<0.2	1.23	12	<10	450	0.7	2	0.34	<0.5	10	13	15	3.39
ZZ28886		0.34	0.002	<0.2	2.07	11	<10	430	0.8	<2	0.35	<0.5	13	24	26	4.19
ZZ28887		0.26	0.007	0.3	1.61	12	<10	220	<0.5	<2	0.21	<0.5	9	22	21	2.34
ZZ28888		0.26	0.002	<0.2	1.83	12	<10	190	<0.5	<2	0.26	<0.5	8	27	15	2.70
ZZ28889		0.28	0.003	0.3	2.30	12	<10	370	0.6	<2	0.30	<0.5	10	29	21	2.77
ZZ28890		0.22	0.001	0.3	2.45	17	<10	290	0.6	<2	0.18	<0.5	12	30	24	3.94
ZZ28891		0.24	0.002	<0.2	2.27	15	<10	220	0.5	<2	0.20	<0.5	10	29	29	3.99
ZZ28892		0.20	0.001	<0.2	2.01	9	<10	250	0.6	<2	0.19	<0.5	10	18	19	3.54
ZZ28893		0.22	0.001	<0.2	1.15	9	<10	230	<0.5	<2	0.19	<0.5	13	17	12	2.50
ZZ28894		0.26	0.002	<0.2	1.74	10	<10	420	0.6	2	0.24	<0.5	9	21	18	2.67
ZZ28895		0.20	0.002	<0.2	1.86	8	<10	210	0.6	<2	0.18	<0.5	8	25	15	2.71
ZZ28896		0.16	0.011	0.2	1.50	9	<10	340	<0.5	2	0.22	<0.5	6	19	15	2.27
ZZ28897		0.16	0.006	0.3	2.92	19	<10	590	1.0	<2	0.29	<0.5	32	26	33	4.55
ZZ28898		0.16	0.004	<0.2	1.12	8	<10	170	<0.5	2	0.29	<0.5	5	16	11	1.39
ZZ28899		0.26	0.004	<0.2	1.20	7	<10	210	<0.5	<2	0.31	<0.5	5	18	9	1.87
ZZ28900		0.22	0.010	0.2	1.55	9	<10	120	<0.5	<2	0.28	<0.5	7	22	10	2.23
ZZ28901		0.16	0.006	<0.2	1.69	9	<10	180	<0.5	<2	0.25	<0.5	8	19	13	1.72
ZZ28902		0.20	0.002	0.2	1.53	9	<10	170	<0.5	2	0.29	<0.5	7	19	13	1.74
ZZ28903		0.30	0.002	0.2	1.56	6	<10	190	<0.5	<2	0.27	<0.5	8	20	14	1.77
ZZ28904		0.36	0.006	0.3	1.64	18	<10	220	0.5	3	0.44	0.6	11	27	53	2.52
ZZ28905		0.40	0.006	0.2	1.70	19	<10	250	<0.5	<2	0.36	<0.5	7	25	20	2.18
ZZ28906		0.68	0.004	0.2	2.04	14	<10	320	0.8	2	0.36	<0.5	10	31	32	2.75
ZZ28907		0.44	0.004	0.2	2.05	10	<10	470	0.7	<2	0.43	<0.5	11	32	34	2.77
ZZ28908		0.44	0.002	<0.2	1.83	8	<10	200	<0.5	<2	0.51	<0.5	8	12	12	2.16
ZZ28909		0.62	0.005	<0.2	1.74	12	<10	360	0.5	6	0.45	<0.5	10	20	26	3.26
ZZ28910		0.26	0.002	0.2	1.97	9	<10	180	<0.5	<2	0.22	<0.5	9	24	19	2.50

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28871		<10	<1	0.08	20	0.47	416	2	0.03	14	760	52	0.04	2	7	56
ZZ28872		<10	<1	0.08	20	0.43	245	1	0.03	11	610	47	0.04	2	6	40
ZZ28873		<10	<1	0.05	20	0.28	243	1	0.03	8	740	12	0.03	<2	3	27
ZZ28874		<10	<1	0.05	20	0.30	127	<1	0.02	8	620	15	0.03	<2	4	29
ZZ28875		<10	<1	0.06	20	0.30	120	<1	0.02	9	550	20	0.04	<2	4	24
ZZ28876		<10	<1	0.04	10	0.34	356	<1	0.02	9	870	12	0.03	<2	3	25
ZZ28877		<10	<1	0.04	10	0.35	188	<1	0.02	8	840	13	0.04	<2	3	30
ZZ28878		<10	<1	0.05	20	0.44	156	<1	0.02	12	700	20	0.08	<2	4	36
ZZ28879		<10	1	0.04	10	0.41	189	<1	0.03	11	720	15	0.05	<2	4	32
ZZ28880		<10	<1	0.04	10	0.38	1000	2	0.03	7	1130	20	0.04	<2	3	45
ZZ28881		<10	1	0.05	10	0.49	212	<1	0.02	12	840	20	0.04	<2	5	37
ZZ28882		10	1	0.18	80	0.43	472	1	0.02	8	520	16	0.04	<2	21	49
ZZ28883		<10	<1	0.09	20	0.39	340	<1	0.02	10	440	11	0.02	<2	6	29
ZZ28884		<10	1	0.10	20	0.29	402	1	0.02	6	370	11	0.02	<2	6	25
ZZ28885		<10	<1	0.08	20	0.33	564	1	0.02	6	560	13	0.02	<2	6	23
ZZ28886		10	<1	0.12	20	0.42	414	1	0.02	12	380	13	0.02	<2	8	27
ZZ28887		<10	<1	0.06	10	0.39	298	<1	0.02	15	310	9	0.02	<2	4	22
ZZ28888		10	<1	0.08	10	0.48	247	<1	0.02	15	470	9	0.02	<2	4	23
ZZ28889		<10	<1	0.10	10	0.50	368	<1	0.02	20	350	13	0.03	<2	5	23
ZZ28890		10	<1	0.13	10	0.46	514	1	0.02	17	420	19	0.03	3	5	21
ZZ28891		10	<1	0.12	10	0.46	378	1	0.02	16	320	17	0.02	<2	5	25
ZZ28892		<10	<1	0.09	10	0.28	443	1	0.02	10	510	19	0.03	<2	5	21
ZZ28893		<10	1	0.09	10	0.19	864	2	0.02	6	420	19	0.02	<2	2	22
ZZ28894		<10	1	0.09	20	0.33	425	1	0.02	13	580	13	0.03	<2	6	18
ZZ28895		<10	1	0.07	10	0.34	323	<1	0.02	13	420	13	0.03	<2	4	19
ZZ28896		<10	1	0.06	10	0.30	186	1	0.02	10	400	10	0.03	<2	3	21
ZZ28897		10	2	0.11	10	0.26	3020	3	0.02	10	860	26	0.04	<2	6	32
ZZ28898		<10	1	0.06	10	0.33	160	<1	0.02	8	440	8	0.03	<2	2	21
ZZ28899		<10	<1	0.07	10	0.40	202	<1	0.02	9	410	9	0.02	<2	3	21
ZZ28900		<10	<1	0.07	10	0.43	213	<1	0.02	10	320	9	0.03	<2	3	22
ZZ28901		<10	1	0.06	10	0.50	216	<1	0.03	11	510	27	0.03	<2	3	21
ZZ28902		<10	<1	0.06	10	0.44	185	<1	0.03	9	660	16	0.05	<2	3	24
ZZ28903		<10	<1	0.05	10	0.42	252	<1	0.03	9	800	20	0.05	<2	3	24
ZZ28904		<10	<1	0.11	20	0.58	525	4	0.03	14	500	30	0.03	<2	6	27
ZZ28905		<10	<1	0.07	20	0.51	322	1	0.02	13	580	13	0.03	<2	5	27
ZZ28906		10	1	0.08	30	0.52	494	1	0.02	18	580	13	0.03	<2	7	30
ZZ28907		<10	1	0.07	20	0.57	339	1	0.03	21	860	10	0.05	<2	6	36
ZZ28908		<10	<1	0.05	10	0.45	535	<1	0.02	7	490	10	0.03	<2	4	34
ZZ28909		<10	1	0.11	20	0.54	591	4	0.03	10	670	23	0.03	<2	7	33
ZZ28910		<10	<1	0.08	10	0.44	279	<1	0.02	14	440	9	0.03	<2	4	21

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28871		<20	0.05	<10	<10	53	<10	170
ZZ28872		<20	0.05	<10	<10	49	<10	136
ZZ28873		<20	0.05	<10	<10	30	<10	78
ZZ28874		<20	0.05	<10	<10	37	<10	68
ZZ28875		<20	0.06	<10	<10	36	<10	70
ZZ28876		<20	0.04	<10	<10	44	<10	47
ZZ28877		<20	0.04	<10	<10	44	<10	52
ZZ28878		<20	0.04	<10	<10	46	<10	85
ZZ28879		<20	0.04	<10	<10	44	<10	79
ZZ28880		<20	0.04	<10	<10	61	<10	76
ZZ28881		<20	0.04	<10	<10	56	<10	90
ZZ28882		20	0.02	<10	<10	52	<10	75
ZZ28883		<20	0.04	<10	<10	49	<10	50
ZZ28884		<20	0.03	<10	<10	49	<10	52
ZZ28885		<20	0.02	<10	<10	56	<10	54
ZZ28886		<20	0.03	<10	<10	82	<10	72
ZZ28887		<20	0.05	<10	<10	48	<10	43
ZZ28888		<20	0.08	<10	<10	56	<10	47
ZZ28889		<20	0.07	<10	<10	55	<10	53
ZZ28890		<20	0.05	<10	<10	82	<10	83
ZZ28891		<20	0.06	<10	<10	72	<10	66
ZZ28892		<20	0.02	<10	<10	54	<10	56
ZZ28893		<20	0.02	<10	<10	58	<10	50
ZZ28894		<20	0.04	<10	<10	47	<10	53
ZZ28895		<20	0.05	<10	<10	57	<10	50
ZZ28896		<20	0.03	<10	<10	50	<10	40
ZZ28897		<20	0.01	<10	<10	71	<10	72
ZZ28898		<20	0.05	<10	<10	33	<10	30
ZZ28899		<20	0.05	<10	<10	43	<10	39
ZZ28900		<20	0.05	<10	<10	47	<10	45
ZZ28901		<20	0.07	<10	<10	57	<10	72
ZZ28902		<20	0.06	<10	<10	41	<10	65
ZZ28903		<20	0.05	<10	<10	48	<10	57
ZZ28904		<20	0.09	<10	<10	57	<10	75
ZZ28905		<20	0.06	<10	<10	46	<10	52
ZZ28906		<20	0.07	<10	<10	58	<10	61
ZZ28907		<20	0.07	<10	10	61	<10	62
ZZ28908		<20	0.02	<10	<10	41	<10	55
ZZ28909		<20	0.06	<10	<10	56	<10	70
ZZ28910		<20	0.08	<10	<10	52	<10	44

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28911		0.42	0.003	<0.2	1.80	11	<10	150	<0.5	<2	0.21	<0.5	6	21	17	2.43
ZZ28912		0.56	0.007	6.0	1.72	22	<10	520	0.5	<2	0.45	3.9	6	28	26	2.59
ZZ28913		0.50	0.004	<0.2	1.58	12	<10	350	0.5	<2	0.31	<0.5	8	22	26	2.69
ZZ28914		0.34	0.005	<0.2	1.61	17	<10	180	<0.5	<2	0.22	<0.5	11	25	12	3.19
ZZ28915		0.32	0.009	0.7	1.91	7	<10	390	0.6	<2	0.38	0.5	6	17	25	3.12
ZZ28916		0.20	0.002	<0.2	1.98	10	<10	220	0.5	<2	0.24	<0.5	8	22	15	3.22
ZZ28917		0.30	0.001	<0.2	2.44	10	<10	190	0.5	<2	0.27	<0.5	8	28	14	3.68
ZZ28918		0.48	0.002	0.2	2.19	9	<10	240	0.5	<2	0.27	<0.5	8	18	19	2.75
ZZ28919		0.46	0.010	<0.2	1.69	8	<10	380	0.5	<2	0.31	<0.5	6	24	17	2.45
ZZ28920		0.58	0.003	<0.2	1.35	10	<10	270	<0.5	<2	0.28	<0.5	7	21	8	2.41
ZZ28921		0.26	0.002	0.4	1.80	7	<10	490	0.6	<2	0.45	<0.5	7	18	19	3.00
ZZ28922		0.56	0.001	<0.2	1.36	6	<10	390	<0.5	<2	0.40	<0.5	8	14	16	3.03
ZZ28923		0.46	0.001	<0.2	1.33	9	<10	270	<0.5	<2	0.35	<0.5	7	21	12	2.46
ZZ28924		0.34	0.012	0.4	0.97	33	<10	240	<0.5	<2	0.40	0.6	6	16	16	2.02
ZZ28925		0.36	0.010	0.3	1.39	39	<10	310	0.5	<2	0.49	1.0	9	21	21	2.46
ZZ28926		0.34	0.013	0.7	1.94	40	<10	340	0.5	<2	0.50	0.6	6	24	20	2.44
ZZ28927		0.30	0.010	0.3	1.22	7	<10	310	<0.5	<2	0.42	<0.5	5	16	11	1.56
ZZ28928		0.24	0.006	0.2	0.96	9	<10	230	<0.5	<2	0.32	<0.5	3	14	10	1.37
ZZ28929		0.52	0.007	0.3	1.20	19	<10	310	0.5	<2	0.31	0.5	5	18	18	2.01
ZZ28930		0.54	0.027	<0.2	1.04	6	<10	130	<0.5	<2	0.36	<0.5	6	17	10	1.88
ZZ28931		0.40	0.004	<0.2	1.60	11	<10	210	<0.5	<2	0.34	0.6	7	23	16	2.22
ZZ28932		0.38	0.006	0.2	1.79	11	<10	320	0.8	<2	0.40	1.3	8	28	25	2.01
ZZ28933		0.44	0.006	<0.2	1.55	9	<10	210	0.5	<2	0.36	0.5	7	23	11	2.19
ZZ28934		0.44	0.004	<0.2	1.71	9	<10	250	0.5	<2	0.39	0.5	7	25	12	2.05
ZZ28935		0.26	0.008	<0.2	1.37	4	<10	410	0.6	<2	0.71	<0.5	6	23	29	1.78
ZZ28936		0.32	0.002	<0.2	1.58	8	<10	680	0.6	<2	0.78	<0.5	7	18	23	2.24
ZZ28937		0.28	0.002	0.2	1.52	7	<10	690	0.6	<2	0.62	<0.5	7	20	24	2.42
ZZ28938		0.40	0.002	<0.2	1.72	10	<10	450	0.5	<2	0.40	<0.5	8	25	16	2.69
ZZ28939		0.38	0.003	<0.2	1.55	10	<10	370	0.6	<2	0.39	<0.5	6	24	16	2.36
ZZ28940		0.28	0.003	0.3	1.17	7	<10	180	<0.5	<2	0.33	<0.5	4	13	18	2.10
ZZ28941		0.40	0.013	<0.2	2.18	14	<10	210	<0.5	<2	0.19	<0.5	8	28	22	2.94
ZZ28942		0.34	0.003	0.2	2.12	13	<10	180	0.5	<2	0.18	<0.5	8	25	13	2.80
ZZ28943		0.34	0.004	0.2	2.17	9	<10	450	0.9	<2	0.21	<0.5	7	23	21	2.76
ZZ28944		0.34	0.033	<0.2	1.77	13	<10	170	<0.5	<2	0.17	<0.5	7	24	13	2.79
ZZ28945		0.40	0.002	<0.2	1.40	8	<10	180	<0.5	<2	0.18	<0.5	5	12	13	2.33
ZZ28946		0.28	0.006	<0.2	1.72	3	<10	480	<0.5	<2	0.24	<0.5	5	20	8	2.17
ZZ28947		0.26	0.006	0.6	3.10	12	<10	890	1.1	<2	0.36	<0.5	11	36	23	3.97
ZZ28948		0.40	0.003	0.4	2.49	8	<10	810	0.7	<2	0.42	<0.5	10	26	16	2.93
ZZ28949		0.34	0.002	<0.2	1.50	9	<10	220	<0.5	<2	0.24	<0.5	8	19	16	2.85
ZZ28950		0.42	0.003	<0.2	1.36	10	<10	190	<0.5	<2	0.21	<0.5	8	19	13	2.24

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CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28911		10	<1	0.08	10	0.42	297	1	0.01	12	420	5	<0.01	<2	4	19
ZZ28912		<10	<1	0.09	20	0.52	556	<1	0.02	15	660	606	0.01	11	6	29
ZZ28913		<10	1	0.09	20	0.49	547	<1	0.01	11	550	45	<0.01	<2	6	24
ZZ28914		10	<1	0.09	10	0.42	722	1	0.01	12	490	30	0.01	<2	4	19
ZZ28915		<10	<1	0.11	20	0.38	750	1	0.01	8	600	320	0.01	3	7	24
ZZ28916		10	<1	0.08	10	0.43	362	2	0.01	9	420	35	<0.01	<2	6	22
ZZ28917		10	<1	0.09	10	0.49	398	1	0.01	12	570	18	0.01	<2	5	22
ZZ28918		10	<1	0.07	10	0.44	561	1	0.01	9	480	52	0.01	<2	5	23
ZZ28919		10	<1	0.07	20	0.41	313	1	0.01	11	410	10	0.01	<2	7	24
ZZ28920		10	<1	0.07	10	0.41	609	2	0.01	9	360	11	<0.01	2	3	21
ZZ28921		10	<1	0.13	30	0.44	408	3	0.02	8	720	7	0.02	<2	10	28
ZZ28922		<10	<1	0.14	10	0.57	673	1	0.02	6	530	9	0.01	<2	6	26
ZZ28923		<10	<1	0.09	10	0.45	398	1	0.02	11	450	5	0.01	<2	3	25
ZZ28924		<10	<1	0.09	10	0.34	563	2	0.02	7	750	27	0.01	2	4	35
ZZ28925		<10	<1	0.07	10	0.42	982	3	0.02	11	790	33	0.02	2	5	50
ZZ28926		10	<1	0.07	20	0.45	244	2	0.02	9	660	49	0.04	2	6	46
ZZ28927		<10	<1	0.05	10	0.31	410	<1	0.01	7	680	18	0.03	<2	4	28
ZZ28928		<10	<1	0.04	10	0.23	178	<1	0.02	6	690	8	0.02	<2	3	26
ZZ28929		<10	<1	0.05	20	0.31	321	1	0.01	9	790	13	0.01	<2	4	28
ZZ28930		<10	<1	0.05	10	0.36	305	<1	0.02	9	960	8	0.01	<2	3	27
ZZ28931		<10	<1	0.04	10	0.41	214	<1	0.02	11	960	11	0.03	<2	4	31
ZZ28932		<10	<1	0.06	30	0.46	215	1	0.01	13	1280	14	0.03	<2	7	37
ZZ28933		<10	<1	0.05	10	0.41	276	1	0.02	11	910	10	0.02	<2	5	33
ZZ28934		<10	<1	0.05	20	0.48	204	<1	0.02	12	880	11	0.02	<2	5	40
ZZ28935		<10	<1	0.10	40	0.44	189	<1	0.02	11	640	7	0.06	<2	6	44
ZZ28936		10	<1	0.10	20	0.31	439	1	0.02	10	660	5	0.03	<2	5	53
ZZ28937		<10	<1	0.09	20	0.38	362	<1	0.02	10	720	4	0.02	<2	6	46
ZZ28938		<10	<1	0.09	10	0.46	457	1	0.02	12	380	5	0.01	<2	5	34
ZZ28939		<10	<1	0.07	40	0.42	334	<1	0.02	12	370	3	0.01	<2	6	32
ZZ28940		10	<1	0.07	20	0.17	337	2	0.01	7	280	5	0.01	<2	3	33
ZZ28941		10	<1	0.09	10	0.46	350	<1	0.01	18	310	8	0.01	<2	4	22
ZZ28942		10	<1	0.09	10	0.33	313	1	0.01	12	390	6	0.01	2	5	20
ZZ28943		10	<1	0.09	20	0.35	324	1	0.01	12	450	10	0.01	<2	6	24
ZZ28944		10	<1	0.08	10	0.39	299	1	0.01	12	310	7	0.01	<2	4	18
ZZ28945		10	<1	0.06	10	0.23	369	1	0.01	5	340	5	0.01	<2	4	21
ZZ28946		10	<1	0.06	10	0.30	260	<1	0.01	6	600	8	0.01	<2	5	20
ZZ28947		10	1	0.12	30	0.41	761	<1	0.02	13	810	31	0.05	<2	12	41
ZZ28948		10	1	0.09	20	0.34	446	1	0.02	11	810	18	0.06	<2	7	49
ZZ28949		10	1	0.08	10	0.35	375	1	0.02	9	510	11	0.03	<2	4	24
ZZ28950		<10	<1	0.06	10	0.33	378	<1	0.01	10	480	14	0.03	<2	4	19

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CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28911		<20	0.08	<10	<10	57	<10	46
ZZ28912		<20	0.08	<10	<10	55	<10	705
ZZ28913		<20	0.07	<10	<10	56	<10	64
ZZ28914		<20	0.08	<10	<10	67	<10	102
ZZ28915		<20	0.05	<10	<10	60	<10	179
ZZ28916		<20	0.07	<10	<10	79	<10	62
ZZ28917		<20	0.09	<10	<10	73	<10	67
ZZ28918		<20	0.04	<10	<10	55	<10	96
ZZ28919		<20	0.07	<10	<10	60	<10	46
ZZ28920		<20	0.07	<10	<10	54	<10	54
ZZ28921		<20	0.06	<10	<10	64	<10	65
ZZ28922		<20	0.11	<10	<10	63	<10	79
ZZ28923		<20	0.09	<10	<10	55	<10	60
ZZ28924		<20	0.05	<10	<10	41	<10	95
ZZ28925		<20	0.06	<10	<10	46	<10	125
ZZ28926		<20	0.05	<10	<10	54	<10	161
ZZ28927		<20	0.04	<10	<10	41	<10	81
ZZ28928		<20	0.04	<10	<10	30	<10	53
ZZ28929		<20	0.05	<10	<10	39	<10	78
ZZ28930		<20	0.05	<10	<10	46	<10	61
ZZ28931		<20	0.04	<10	<10	53	<10	87
ZZ28932		<20	0.05	<10	<10	64	<10	106
ZZ28933		<20	0.05	<10	<10	53	<10	79
ZZ28934		<20	0.05	<10	<10	56	<10	88
ZZ28935		<20	0.06	<10	<10	51	<10	55
ZZ28936		<20	0.03	<10	<10	48	<10	48
ZZ28937		<20	0.03	<10	<10	45	<10	45
ZZ28938		<20	0.05	<10	<10	56	<10	52
ZZ28939		<20	0.06	<10	<10	50	<10	41
ZZ28940		<20	0.05	<10	<10	60	<10	29
ZZ28941		<20	0.08	<10	<10	66	<10	57
ZZ28942		<20	0.06	<10	<10	60	<10	50
ZZ28943		<20	0.04	<10	<10	56	<10	52
ZZ28944		<20	0.06	<10	<10	60	<10	48
ZZ28945		<20	0.04	<10	<10	64	<10	33
ZZ28946		<20	0.03	<10	<10	53	<10	44
ZZ28947		<20	0.04	<10	<10	90	<10	72
ZZ28948		<20	0.02	<10	<10	70	<10	57
ZZ28949		<20	0.06	<10	<10	61	<10	46
ZZ28950		<20	0.04	<10	<10	47	<10	46

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CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28781		0.30	0.007	0.4	1.11	14	<10	310	<0.5	<2	0.37	0.9	9	16	23	2.20
ZZ28782		0.26	0.009	0.4	1.37	7	<10	470	<0.5	2	0.35	0.9	6	18	19	1.54
ZZ28783		0.26	0.007	0.3	1.00	10	<10	290	<0.5	2	0.32	0.5	5	14	11	1.54
ZZ28784		0.30	0.003	0.2	0.92	8	<10	120	<0.5	2	0.34	<0.5	6	14	16	1.70
ZZ28785		0.24	0.004	<0.2	0.86	2	<10	110	<0.5	<2	0.28	<0.5	4	13	6	1.01
ZZ28786		0.20	0.003	0.2	1.22	5	<10	140	<0.5	<2	0.33	0.5	6	16	17	1.41
ZZ28787		0.26	0.003	0.2	1.32	7	<10	150	<0.5	<2	0.33	<0.5	7	18	11	1.62
ZZ28788		0.18	0.003	<0.2	1.72	10	<10	230	<0.5	<2	0.52	<0.5	8	24	17	1.83
ZZ28789		0.26	0.004	<0.2	1.68	5	<10	250	0.5	<2	0.43	<0.5	9	22	13	1.95
ZZ28790		0.28	0.002	<0.2	1.03	7	<10	260	<0.5	2	0.45	<0.5	7	17	12	1.67
ZZ28791		0.26	0.001	0.2	1.37	7	<10	550	0.8	2	0.70	<0.5	8	14	18	2.70
ZZ28792		0.32	0.001	0.3	1.37	6	<10	180	<0.5	2	0.30	<0.5	8	19	12	2.19
ZZ28793		0.24	0.003	<0.2	2.19	9	<10	960	1.4	<2	0.69	<0.5	11	20	24	3.15
ZZ28794		0.30	0.003	0.2	1.49	9	<10	500	0.6	<2	0.47	<0.5	9	23	22	2.50
ZZ28795		0.30	0.006	<0.2	1.84	9	<10	520	0.6	<2	0.28	<0.5	9	22	14	2.66
ZZ28796		0.22	0.002	<0.2	1.37	8	<10	430	<0.5	<2	0.33	<0.5	8	18	14	2.33
ZZ28797		0.24	0.002	<0.2	1.67	9	<10	470	<0.5	2	0.49	<0.5	10	24	13	2.58
ZZ28798		0.26	0.003	0.4	1.32	8	<10	630	0.6	<2	0.37	0.7	9	19	24	2.63
ZZ28799		0.26	0.001	<0.2	1.48	8	<10	280	0.5	<2	0.17	<0.5	11	19	12	2.68
ZZ28800		0.20	0.003	0.6	1.81	10	<10	170	<0.5	<2	0.19	<0.5	8	26	16	2.94

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28781		<10	<1	0.08	20	0.36	488	1	0.02	8	820	26	0.04	2	4	28
ZZ28782		<10	<1	0.05	20	0.30	173	<1	0.02	9	640	24	0.06	<2	5	33
ZZ28783		<10	<1	0.05	10	0.26	358	<1	0.02	6	700	13	0.04	<2	3	25
ZZ28784		<10	<1	0.04	10	0.29	294	<1	0.02	7	800	9	0.03	<2	3	28
ZZ28785		<10	<1	0.03	10	0.24	112	<1	0.01	6	730	9	0.04	<2	2	18
ZZ28786		<10	<1	0.04	10	0.29	145	<1	0.02	7	750	14	0.07	<2	2	35
ZZ28787		<10	<1	0.04	10	0.35	234	<1	0.02	9	860	14	0.04	<2	3	28
ZZ28788		<10	1	0.05	10	0.46	278	<1	0.02	11	970	17	0.07	<2	4	53
ZZ28789		<10	1	0.06	10	0.46	220	<1	0.02	12	980	9	0.06	<2	4	41
ZZ28790		<10	<1	0.07	20	0.34	171	<1	0.02	8	560	8	0.05	<2	4	32
ZZ28791		<10	1	0.11	40	0.37	437	<1	0.02	8	770	12	0.07	<2	7	62
ZZ28792		<10	<1	0.08	10	0.32	222	<1	0.02	11	500	8	0.03	<2	4	25
ZZ28793		<10	<1	0.16	90	0.38	793	<1	0.02	12	600	15	0.05	<2	18	55
ZZ28794		<10	<1	0.08	20	0.48	247	<1	0.02	13	550	12	0.04	<2	6	35
ZZ28795		10	<1	0.07	20	0.45	469	<1	0.02	11	310	15	0.03	<2	6	27
ZZ28796		<10	1	0.07	10	0.32	482	<1	0.02	9	400	10	0.04	<2	4	28
ZZ28797		<10	<1	0.07	10	0.49	344	<1	0.02	11	460	10	0.04	<2	4	39
ZZ28798		10	<1	0.11	20	0.24	855	1	0.02	8	480	13	0.04	<2	4	34
ZZ28799		<10	1	0.12	10	0.31	509	<1	0.02	9	250	13	0.03	<2	3	25
ZZ28800		10	1	0.06	10	0.34	311	1	0.02	11	280	10	0.03	<2	3	25

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Finalized Date: 28- SEP- 2011
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Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11160252

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28781		<20	0.06	<10	<10	41	<10	81
ZZ28782		<20	0.04	<10	<10	39	<10	83
ZZ28783		<20	0.04	<10	<10	31	<10	65
ZZ28784		<20	0.04	<10	<10	39	<10	40
ZZ28785		<20	0.05	<10	<10	22	<10	43
ZZ28786		<20	0.04	<10	<10	33	<10	52
ZZ28787		<20	0.04	<10	<10	42	<10	55
ZZ28788		<20	0.04	<10	<10	47	<10	66
ZZ28789		<20	0.04	<10	<10	46	<10	75
ZZ28790		<20	0.05	<10	<10	43	<10	43
ZZ28791		<20	0.03	<10	<10	45	<10	55
ZZ28792		<20	0.04	<10	<10	48	<10	36
ZZ28793		<20	0.01	<10	<10	58	<10	68
ZZ28794		<20	0.05	<10	<10	53	<10	57
ZZ28795		<20	0.05	<10	<10	55	<10	70
ZZ28796		<20	0.03	<10	<10	49	<10	47
ZZ28797		<20	0.05	<10	<10	53	<10	60
ZZ28798		<20	0.06	<10	<10	66	<10	62
ZZ28799		<20	0.03	<10	<10	55	<10	55
ZZ28800		<20	0.10	<10	<10	77	<10	41

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CERTIFICATE WH11160253

Project: Klaza- DDH- 31

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11160253

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270289		8.00	0.028	<0.2	0.92	12	<10	910	1.0	<2	2.53	<0.5	6	7	16	2.53
K270290		7.90	2.34	21.4	0.56	4240	<10	50	0.8	14	2.15	52.7	7	3	409	4.07
K270291		7.00	0.010	<0.2	0.53	37	<10	490	0.8	2	3.31	<0.5	6	2	6	2.40
K270292		11.36	0.008	<0.2	0.47	30	<10	710	0.6	<2	2.43	<0.5	5	3	7	2.21
K270293		11.15	0.012	0.2	0.42	30	<10	210	0.5	<2	1.99	<0.5	6	3	5	1.84
K270294		0.18	3.35	>100	0.18	>10000	<10	<10	<0.5	4	0.41	326	1	9	1700	13.30
K270295		10.57	0.006	0.3	0.50	54	<10	980	0.8	2	3.70	<0.5	6	2	7	2.23
K270296		12.25	0.012	0.2	0.49	24	<10	20	0.5	3	2.72	<0.5	7	4	3	2.85
K270297		11.38	0.008	0.3	0.54	11	<10	20	<0.5	2	2.71	<0.5	7	3	2	3.18
K270298		4.15	4.85	>100	0.41	2050	<10	<10	<0.5	70	0.94	23.7	16	4	8630	12.40
K270299		3.30	0.011	<0.2	0.06	4	<10	40	<0.5	2	19.9	<0.5	1	<1	10	0.40
K270300		6.57	0.107	2.5	0.55	104	<10	10	0.5	4	2.14	15.8	8	6	31	5.05
K270301		10.05	0.017	0.2	0.89	8	<10	70	<0.5	2	2.13	0.5	7	6	7	3.00
K270302		10.44	0.225	0.7	0.46	138	<10	10	0.5	3	2.22	4.6	5	3	8	6.35
K270303		11.70	0.010	<0.2	1.10	7	<10	480	0.6	<2	2.46	<0.5	5	7	7	2.50
K270304		12.70	0.006	<0.2	1.13	6	<10	200	<0.5	<2	1.53	<0.5	6	10	8	2.79
K270305		11.51	0.020	0.4	1.09	17	<10	280	<0.5	<2	2.16	0.6	7	8	12	2.90
K270306		0.19	2.55	>100	0.16	>10000	<10	10	<0.5	<2	0.41	324	<1	9	1560	13.40
K270307		7.47	<0.005	0.5	0.93	32	<10	160	<0.5	<2	2.13	0.7	6	8	6	2.87
K270308		3.39	<0.005	0.3	0.94	15	<10	240	<0.5	<2	2.04	0.7	5	8	5	2.77
K270309		4.36	0.139	2.5	0.41	690	<10	30	0.5	<2	2.36	7.5	10	4	19	3.90
K270310		11.07	0.019	0.7	0.47	21	<10	80	0.5	<2	2.54	1.1	7	6	8	2.81
K270311		7.42	0.014	0.6	0.39	17	<10	40	<0.5	<2	2.29	0.5	8	4	19	2.73
K270312		5.88	<0.005	0.2	0.63	10	<10	60	0.5	<2	2.19	<0.5	8	3	6	2.79
K270313		3.84	0.519	23.2	0.36	2150	<10	20	<0.5	2	1.75	182.5	9	4	167	3.80
K270314		2.04	<0.005	<0.2	0.05	4	<10	30	<0.5	<2	19.8	<0.5	1	1	<1	0.40
K270315		10.66	0.188	2.5	0.51	1190	<10	20	<0.5	<2	1.50	24.5	7	3	17	3.04
K270316		10.37	0.264	2.7	0.43	1330	<10	80	0.6	<2	2.05	36.8	5	4	43	2.76
K270317		3.51	0.216	1.6	0.60	1330	<10	270	0.8	<2	3.35	3.9	5	8	25	3.78
K270318		7.93	0.045	0.7	0.50	71	<10	280	0.6	<2	2.46	2.3	5	6	29	3.38
K270319		9.85	0.242	2.6	0.46	819	<10	80	0.5	<2	2.36	8.5	7	4	21	3.01
K270320		11.79	0.101	1.1	0.58	65	<10	140	0.5	<2	2.14	3.1	7	4	8	2.94
K270321		8.90	0.819	9.8	0.46	1280	<10	30	0.5	3	1.33	36.1	7	4	57	4.10
K270322		4.77	0.066	0.6	0.59	17	<10	610	1.2	<2	2.31	1.0	6	4	12	1.93
K270323		3.98	0.490	8.6	0.42	446	<10	30	0.6	2	1.15	32.9	8	4	84	5.01
K270324		11.13	0.025	0.9	0.43	45	<10	130	0.6	<2	2.04	3.1	7	4	5	3.12

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Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11160253

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270289		<10	1	0.37	20	1.02	667	2	0.03	4	1240	8	0.14	2	5	226
K270290		<10	1	0.31	20	0.71	1115	9	0.03	3	570	4450	2.95	61	3	109
K270291		<10	1	0.27	10	1.02	678	1	0.02	3	670	17	0.23	<2	3	166
K270292		<10	<1	0.22	10	0.84	716	1	0.02	4	310	18	0.35	2	3	122
K270293		<10	<1	0.21	10	0.68	803	2	0.02	4	230	14	0.32	3	2	99
K270294		<10	2	0.08	<10	0.17	1480	1	0.02	11	150	>10000	>10.0	597	1	19
K270295		<10	1	0.29	10	1.03	631	1	0.03	3	660	33	0.20	2	4	206
K270296		<10	<1	0.30	20	0.57	400	4	0.03	1	580	17	2.73	<2	2	247
K270297		<10	<1	0.33	10	0.55	547	6	0.02	1	540	23	3.07	<2	2	190
K270298		<10	1	0.33	<10	0.22	900	1	0.02	<1	370	1555	>10.0	50	1	38
K270299		<10	<1	0.03	<10	11.90	183	<1	0.02	1	320	4	0.05	<2	<1	56
K270300		<10	1	0.35	10	0.64	1370	2	0.02	2	610	596	4.18	6	4	94
K270301		<10	<1	0.25	20	0.79	441	1	0.06	2	590	19	1.72	<2	5	167
K270302		<10	1	0.32	10	0.55	892	1	0.02	2	540	171	7.40	<2	3	107
K270303		10	<1	0.18	20	0.60	485	<1	0.05	2	620	11	0.79	<2	6	185
K270304		<10	<1	0.15	20	0.76	539	1	0.08	2	560	13	1.26	2	5	127
K270305		<10	<1	0.22	20	0.66	981	<1	0.06	1	570	43	0.66	<2	6	107
K270306		<10	1	0.07	<10	0.17	1455	<1	0.02	9	130	>10000	>10.0	586	1	21
K270307		<10	<1	0.19	20	0.75	714	<1	0.06	1	610	47	1.07	<2	6	132
K270308		<10	<1	0.21	20	0.73	680	<1	0.07	1	580	30	0.96	<2	5	114
K270309		<10	<1	0.28	10	0.68	689	3	0.03	<1	530	776	3.76	10	3	123
K270310		<10	<1	0.28	10	0.56	724	<1	0.03	1	520	59	1.84	2	4	135
K270311		<10	<1	0.27	10	0.68	818	1	0.02	1	510	36	1.78	7	3	85
K270312		<10	<1	0.29	20	0.64	600	<1	0.03	1	560	19	1.88	3	4	105
K270313		<10	1	0.29	<10	0.56	2460	4	0.02	1	410	5020	3.83	48	2	56
K270314		<10	<1	0.03	<10	12.00	192	<1	0.03	1	250	11	0.09	<2	<1	53
K270315		<10	<1	0.38	10	0.45	1555	1	0.02	1	500	533	2.80	9	2	65
K270316		<10	<1	0.28	10	0.64	1215	<1	0.02	1	520	288	1.65	13	5	132
K270317		<10	<1	0.30	10	1.02	1385	1	0.03	7	550	158	1.14	33	6	218
K270318		<10	<1	0.29	20	0.63	1180	<1	0.03	<1	550	140	1.03	5	6	155
K270319		<10	<1	0.26	20	0.65	1000	<1	0.03	1	520	341	1.86	8	5	156
K270320		<10	<1	0.23	20	0.60	770	<1	0.04	1	540	170	1.51	3	6	160
K270321		<10	<1	0.34	10	0.37	1175	5	0.02	1	500	3020	3.92	14	2	70
K270322		<10	<1	0.26	10	0.62	597	1	0.03	10	710	140	0.24	2	5	376
K270323		<10	<1	0.33	10	0.36	1255	4	0.02	4	540	2380	4.50	23	3	97
K270324		<10	<1	0.26	10	0.62	1245	8	0.02	1	500	140	1.71	4	4	107

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CERTIFICATE OF ANALYSIS WH11160253

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K270289		<20	<0.01	<10	<10	26	<10	61	<1		
K270290		<20	<0.01	<10	<10	17	<10	3400	19		
K270291		<20	<0.01	<10	<10	25	<10	67	<1		
K270292		<20	<0.01	<10	<10	20	<10	51	<1		
K270293		<20	<0.01	<10	<10	19	<10	47	<1		
K270294		<20	<0.01	<10	<10	7	140	>10000	426	3.14	3.57
K270295		<20	<0.01	<10	<10	29	<10	71	<1		
K270296		<20	<0.01	<10	<10	12	<10	31	<1		
K270297		<20	<0.01	<10	<10	8	<10	42	<1		
K270298		<20	<0.01	<10	<10	5	<10	1665	98		
K270299		<20	<0.01	<10	<10	2	<10	20	<1		
K270300		<20	<0.01	<10	<10	16	<10	1195	1		
K270301		<20	<0.01	<10	<10	28	<10	54	<1		
K270302		<20	<0.01	<10	<10	9	<10	347	<1		
K270303		20	0.01	<10	<10	39	<10	38	<1		
K270304		<20	0.01	<10	<10	42	<10	41	<1		
K270305		<20	0.01	<10	<10	41	<10	82	1		
K270306		<20	<0.01	<10	<10	7	150	>10000	416	3.12	3.62
K270307		<20	<0.01	<10	<10	40	<10	86	<1		
K270308		<20	0.01	<10	<10	37	<10	81	<1		
K270309		<20	<0.01	<10	<10	11	<10	570	2		
K270310		<20	<0.01	<10	<10	17	<10	122	<1		
K270311		<20	<0.01	<10	<10	11	<10	64	<1		
K270312		<20	<0.01	<10	<10	13	<10	48	<1		
K270313		<20	<0.01	<10	<10	7	<10	>10000	23		1.325
K270314		<20	<0.01	<10	10	2	<10	18	<1		
K270315		<20	<0.01	<10	<10	7	<10	1625	2		
K270316		<20	<0.01	<10	<10	14	<10	2260	1		
K270317		<20	<0.01	<10	<10	22	<10	339	1		
K270318		<20	<0.01	<10	<10	23	<10	205	<1		
K270319		<20	<0.01	<10	<10	17	<10	605	2		
K270320		<20	<0.01	<10	<10	22	<10	264	<1		
K270321		<20	<0.01	<10	<10	8	<10	2320	9		
K270322		<20	<0.01	<10	<10	13	<10	102	1		
K270323		<20	<0.01	<10	<10	8	<10	2200	8		
K270324		<20	<0.01	<10	<10	13	<10	276	1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11160254

Project: Klaza- DDH- 28

P.O. No.: Batch 5

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 22Y	Split Sample - Boyd Rotary Splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11160254

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K863095		6.70	0.144	3.6	0.51	45	<10	60	<0.5	7	2.79	17.8	14	5	96	3.92
K863096		12.31	0.006	<0.2	1.24	<2	<10	160	<0.5	<2	1.41	<0.5	6	8	13	2.50
K863097		12.05	<0.005	<0.2	1.32	7	<10	190	<0.5	<2	1.29	<0.5	6	8	12	2.49
K863098		12.49	<0.005	<0.2	1.42	2	<10	180	<0.5	<2	1.58	<0.5	6	8	13	2.52

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Finalized Date: 23- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11160254

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863095		<10	<1	0.33	10	0.75	1430	4	0.02	4	590	130	2.97	9	3	99
K863096		10	<1	0.16	20	0.67	424	1	0.08	2	600	9	0.10	<2	5	76
K863097		10	<1	0.16	20	0.65	404	1	0.09	1	570	9	0.09	<2	4	67
K863098		10	<1	0.14	20	0.71	411	1	0.08	1	590	10	0.12	<2	5	125

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Finalized Date: 23- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11160254

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863095		<20	<0.01	<10	<10	16	<10	1820	4
K863096		<20	0.10	<10	<10	50	<10	33	<1
K863097		<20	0.11	<10	<10	51	<10	32	<1
K863098		<20	0.11	<10	<10	54	<10	32	<1

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11160255

Project: Klaza- DDH- 28

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% <2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11160255

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K863059		4.15	0.039		0.6	0.47	328	<10	330	0.6	2	2.30	1.2	5	3	6
K863060		8.19	<0.005		<0.2	0.74	10	<10	980	0.6	<2	2.06	<0.5	6	4	5
K863061		5.38	0.027		0.7	0.64	26	<10	300	<0.5	<2	1.80	<0.5	8	6	7
K863062		5.77	<0.005		<0.2	0.85	12	<10	320	<0.5	2	1.49	<0.5	6	8	5
K863063		8.22	0.266		14.3	0.49	1970	<10	80	0.6	<2	2.14	30.0	8	3	40
K863064		2.20	<0.005		<0.2	0.05	8	<10	<10	<0.5	3	18.5	<0.5	<1	<1	<1
K863065		9.49	<0.005		<0.2	0.72	17	<10	670	0.6	<2	2.00	<0.5	5	4	4
K863066		3.98	<0.005		0.3	0.74	29	<10	720	0.7	<2	2.25	2.5	5	3	3
K863067		4.45	0.018		1.8	0.80	33	<10	240	0.8	3	3.38	<0.5	16	2	3
K863068		4.29	0.005		0.4	0.85	40	<10	480	0.8	3	2.75	0.5	6	3	3
K863069		4.41	0.028		1.6	0.71	113	<10	260	0.8	3	2.45	4.2	11	3	9
K863070		0.11	1.450		31.7	4.82	150	<10	40	<0.5	<2	4.22	31.6	84	54	7070
K863071		9.34	<0.005		<0.2	0.67	20	<10	450	0.9	<2	2.92	<0.5	5	11	17
K863072		8.03	<0.005		<0.2	0.81	12	<10	510	0.9	2	2.95	<0.5	4	7	5
K863073		9.67	<0.005		<0.2	0.60	3	<10	2190	0.8	<2	3.20	<0.5	4	7	6
K863074		4.49	<0.005		0.2	0.76	16	<10	1120	0.7	3	1.92	0.5	7	5	19
K863075		12.11	<0.005		<0.2	1.18	9	<10	220	<0.5	2	1.53	<0.5	6	9	9
K863076		12.15	0.007		<0.2	1.26	10	<10	170	<0.5	2	1.20	<0.5	5	10	10
K863077		13.06	<0.005		<0.2	1.18	6	<10	120	<0.5	<2	1.22	<0.5	7	9	6
K863078		13.05	<0.005		<0.2	1.07	8	<10	190	<0.5	2	1.53	<0.5	5	7	9
K863079		0.12	1.450		32.7	4.79	148	<10	30	<0.5	<2	4.23	31.3	82	54	7270
K863080		3.84	0.155		3.2	0.69	1905	<10	280	0.6	2	1.95	10.6	6	5	27
K863081		5.87	<0.005		0.2	0.66	16	<10	470	0.8	<2	2.72	0.6	5	4	8
K863082		9.32	0.017		0.3	1.13	91	<10	140	0.9	2	2.13	1.0	5	4	12
K863083		4.92	0.043		4.0	0.51	246	<10	110	0.7	3	2.91	32.8	7	2	22
K863084		6.34	>10.0	10.25	>100	0.29	>10000	<10	<10	<0.5	30	0.91	543	4	3	973
K863085		2.65	0.009		0.6	0.07	15	<10	20	<0.5	2	19.5	0.6	1	2	4
K863086		6.14	0.078		2.6	0.53	234	<10	260	0.7	2	2.30	8.3	6	3	12
K863087		8.06	0.009		<0.2	0.98	7	<10	210	0.5	2	1.67	0.5	5	7	10
K863088		4.92	0.015		2.5	0.64	23	<10	740	0.7	3	2.07	19.8	6	3	11
K863089		8.00	<0.005		<0.2	1.00	7	<10	180	<0.5	2	1.48	<0.5	6	9	13
K863090		4.14	0.063		2.9	0.74	93	<10	840	0.7	2	3.21	31.4	6	4	19
K863091		8.16	<0.005		<0.2	1.05	8	<10	150	<0.5	2	1.73	0.9	6	9	9
K863092		7.87	<0.005		<0.2	1.07	6	<10	120	<0.5	2	1.45	<0.5	5	9	12
K863093		3.51	<0.005		<0.2	1.06	6	<10	100	<0.5	<2	1.36	<0.5	6	9	12
K863094		11.78	0.021		0.3	0.72	7	<10	370	0.6	<2	1.82	<0.5	7	4	8

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11160255

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K863059		1.90	<10	<1	0.24	10	0.54	1010	3	0.01	4	430	81	0.68	3	5
K863060		2.52	<10	<1	0.20	20	0.69	649	3	0.03	2	560	10	0.25	<2	8
K863061		2.64	<10	<1	0.20	20	0.64	569	2	0.06	2	530	14	0.54	<2	6
K863062		2.47	<10	<1	0.19	20	0.60	498	1	0.08	3	560	8	0.09	<2	7
K863063		3.61	<10	1	0.29	10	0.63	2860	1	0.01	1	540	2060	2.06	22	5
K863064		0.39	<10	1	0.02	10	11.85	182	<1	0.01	5	280	4	0.02	<2	<1
K863065		2.43	<10	<1	0.16	20	0.67	635	<1	0.01	2	580	10	0.10	<2	9
K863066		2.54	<10	1	0.26	20	0.83	1030	1	0.01	3	620	45	0.28	<2	8
K863067		4.41	<10	<1	0.27	10	1.34	1720	3	0.01	5	1230	12	1.04	<2	10
K863068		2.85	<10	<1	0.29	20	0.93	1065	3	0.03	4	770	28	0.40	<2	7
K863069		3.00	<10	<1	0.29	20	0.82	1300	1	0.01	6	540	159	0.79	2	6
K863070		8.02	10	1	0.23	10	1.10	613	45	0.32	318	680	8090	7.28	30	4
K863071		1.74	<10	<1	0.32	10	0.73	438	<1	0.04	13	580	23	0.04	<2	5
K863072		1.64	<10	<1	0.34	10	0.78	411	<1	0.02	9	690	11	0.04	<2	5
K863073		1.45	<10	<1	0.31	10	0.78	411	<1	0.03	10	500	12	0.08	<2	4
K863074		2.42	<10	<1	0.26	20	0.69	575	1	0.03	7	610	13	0.18	3	7
K863075		2.57	<10	<1	0.18	20	0.69	516	1	0.09	3	600	11	0.05	<2	6
K863076		2.47	10	<1	0.17	20	0.67	394	1	0.10	2	610	11	0.07	<2	4
K863077		2.52	<10	<1	0.14	20	0.62	371	1	0.08	2	570	10	0.33	<2	4
K863078		2.41	<10	<1	0.19	20	0.63	597	1	0.07	2	580	8	0.07	<2	5
K863079		7.97	10	2	0.23	10	1.10	607	46	0.32	315	660	8100	7.22	29	4
K863080		3.01	<10	<1	0.25	20	0.58	1190	1	0.03	2	570	546	0.86	11	6
K863081		2.40	<10	<1	0.29	30	0.74	1000	1	0.02	3	580	15	0.12	2	7
K863082		2.79	<10	<1	0.27	20	0.62	869	1	0.03	3	570	48	0.29	2	6
K863083		2.79	<10	<1	0.32	20	0.74	2840	1	0.01	2	530	864	1.41	7	4
K863084		6.71	<10	4	0.21	<10	0.25	3080	125	<0.01	1	220	>10000	9.91	608	1
K863085		0.46	<10	<1	0.04	<10	12.00	217	<1	0.02	<1	160	74	0.03	2	<1
K863086		2.56	<10	<1	0.32	20	0.57	1790	3	0.01	3	530	472	1.10	8	5
K863087		2.50	<10	<1	0.19	20	0.54	512	1	0.05	3	590	24	0.04	2	7
K863088		2.76	<10	<1	0.23	20	0.65	871	1	0.02	2	570	303	0.27	3	7
K863089		2.53	<10	<1	0.18	20	0.58	469	1	0.08	3	600	15	0.11	<2	6
K863090		2.94	<10	<1	0.26	20	0.75	1600	<1	0.02	2	580	870	0.31	2	7
K863091		2.59	<10	<1	0.16	20	0.57	518	<1	0.08	3	600	37	0.04	<2	6
K863092		2.57	<10	<1	0.16	20	0.59	463	<1	0.09	2	590	13	0.06	<2	6
K863093		2.60	<10	<1	0.14	20	0.59	439	<1	0.08	2	600	10	0.07	<2	5
K863094		2.68	<10	<1	0.18	20	0.53	770	<1	0.01	2	550	16	0.41	3	9

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11160255

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K863059		139	<20	<0.01	<10	10	16	<10	100	<1		
K863060		146	<20	0.01	<10	<10	35	<10	48	<1		
K863061		111	<20	0.01	<10	<10	36	<10	46	1		
K863062		100	<20	0.03	<10	<10	42	<10	34	<1		
K863063		108	<20	<0.01	<10	<10	16	<10	2100	13		
K863064		54	<20	<0.01	<10	<10	2	<10	18	<1		
K863065		153	<20	<0.01	<10	<10	34	<10	39	<1		
K863066		161	<20	<0.01	<10	<10	33	<10	181	1		
K863067		202	<20	<0.01	<10	<10	61	<10	101	1		
K863068		228	<20	<0.01	<10	<10	33	<10	69	1		
K863069		200	<20	<0.01	<10	<10	26	<10	301	2		
K863070		78	<20	0.05	<10	10	300	10	7320	30		
K863071		347	<20	0.01	<10	<10	27	<10	50	<1		
K863072		327	<20	<0.01	<10	<10	24	<10	37	<1		
K863073		260	<20	<0.01	<10	<10	21	<10	32	<1		
K863074		174	<20	<0.01	<10	<10	32	<10	53	<1		
K863075		88	<20	0.06	<10	<10	49	<10	37	8		
K863076		66	<20	0.12	<10	<10	55	<10	32	<1		
K863077		64	<20	0.10	<10	<10	48	<10	31	<1		
K863078		96	<20	0.05	<10	<10	42	<10	37	<1		
K863079		77	<20	0.05	<10	10	304	10	7340	30		
K863080		120	<20	<0.01	<10	<10	28	<10	783	4		
K863081		179	<20	<0.01	<10	<10	25	<10	59	<1		
K863082		148	<20	0.01	<10	<10	28	<10	109	1		
K863083		123	<20	<0.01	<10	<10	11	<10	2030	4		
K863084		26	<20	<0.01	<10	120	5	30	>10000	585	11.25	3.53
K863085		47	<20	<0.01	<10	10	2	<10	46	<1		
K863086		117	<20	<0.01	<10	10	15	<10	586	3		
K863087		101	<20	0.04	<10	<10	42	<10	59	1		
K863088		126	<20	<0.01	<10	<10	27	<10	1165	2		
K863089		80	<20	0.07	<10	<10	48	<10	48	1		
K863090		149	<20	<0.01	<10	<10	31	<10	1870	3		
K863091		95	<20	0.04	<10	<10	47	<10	80	1		
K863092		83	<20	0.05	<10	<10	49	<10	39	<1		
K863093		78	<20	0.05	<10	<10	49	<10	33	<1		
K863094		108	<20	<0.01	<10	<10	35	<10	47	1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11160256

Project: Klaza- DDH- 35

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11160256

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272804		3.62	0.271	2.9	0.54	203	<10	160	0.6	2	1.57	13.8	8	3	67	4.15
K272805		4.01	0.318	3.1	0.53	370	<10	60	0.5	3	1.71	6.2	10	4	43	6.02
K272806		2.89	0.263	4.8	0.59	344	<10	50	0.7	<2	3.70	64.5	8	4	109	4.96
K272807		3.72	0.033	1.1	0.75	88	10	160	0.7	4	0.76	0.7	15	6	9	3.84
K272808		4.39	0.015	0.7	0.64	55	<10	360	0.5	<2	2.52	0.5	4	4	37	3.37
K272809		3.03	0.038	0.6	0.56	108	<10	190	0.6	<2	2.31	0.9	14	5	8	4.69
K272810		4.51	0.023	0.5	0.71	66	<10	360	0.7	<2	2.43	0.6	20	5	20	4.23
K272811		3.38	0.005	0.3	0.55	20	<10	200	0.7	<2	3.13	<0.5	4	5	26	2.54
K272812		3.97	0.011	0.2	0.64	55	<10	180	0.7	<2	2.82	<0.5	5	5	6	3.07
K272813		5.42	3.03	87.6	0.46	6210	<10	20	<0.5	21	0.31	228	12	3	533	8.69
K272814		1.86	<0.005	<0.2	0.04	19	<10	10	<0.5	<2	20.6	<0.5	<1	1	6	0.45
K272815		4.82	0.012	0.4	0.66	39	<10	990	1.0	<2	3.04	0.8	5	3	9	2.33
K272816		5.14	<0.005	0.3	1.01	13	<10	1250	1.1	<2	3.15	0.7	4	5	5	2.56
K272817		2.10	<0.005	0.2	0.68	10	<10	960	1.0	<2	2.91	0.5	4	5	5	2.42
K272818		7.11	<0.005	0.2	0.71	8	<10	1070	1.0	<2	2.89	<0.5	4	5	3	2.28
K272819		2.38	0.132	1.3	0.48	168	<10	80	0.6	<2	1.80	4.3	8	3	12	3.71
K272820		3.35	4.01	53.5	0.52	1020	<10	10	0.5	51	1.11	156.5	16	3	444	8.50
K272821		3.21	7.48	>100	0.48	2760	<10	10	<0.5	49	0.80	91.2	24	4	1215	9.23
K272822		3.94	0.027	1.9	0.70	83	<10	350	1.1	2	2.00	5.7	7	6	18	2.75
K272823		3.42	0.050	2.5	0.41	156	<10	180	<0.5	2	4.50	16.0	7	3	69	3.12
K272824		5.10	0.013	0.5	0.76	31	<10	470	0.7	<2	1.80	1.4	6	4	4	3.98
K272825		0.12	1.500	33.0	4.89	151	<10	50	<0.5	4	4.83	33.0	86	58	7080	8.61
K272826		1.78	0.010	0.9	0.67	24	<10	490	0.8	<2	1.81	<0.5	10	3	14	4.08
K272827		2.64	0.090	1.1	0.70	433	<10	20	0.6	3	1.98	2.4	18	5	9	5.28
K272828		1.46	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	20.9	<0.5	<1	1	2	0.46
K272829		4.26	<0.005	<0.2	1.51	10	<10	400	0.6	<2	2.50	<0.5	9	7	3	4.00
K272830		3.74	0.069	4.7	0.70	64	<10	190	0.5	<2	2.12	1.6	10	4	105	4.83
K272831		3.88	0.006	0.3	1.01	14	<10	560	<0.5	<2	2.84	<0.5	3	6	6	3.32
K272832		3.97	0.011	0.2	1.37	14	<10	410	<0.5	<2	2.34	<0.5	10	7	4	3.34
K272833		3.42	0.005	0.2	1.56	10	<10	780	<0.5	<2	2.39	<0.5	14	9	6	3.04
K272834		3.33	<0.005	<0.2	1.31	7	<10	1230	<0.5	<2	2.27	<0.5	8	8	4	2.70
K272835		3.59	0.006	<0.2	0.87	10	<10	620	0.6	<2	2.73	<0.5	17	6	3	2.79
K272836		3.66	<0.005	<0.2	1.22	10	<10	1080	0.6	<2	2.42	<0.5	13	7	5	2.99
K272837		0.14	1.500	33.8	4.81	146	<10	40	<0.5	2	4.71	32.2	85	57	6990	8.40
K272838		4.52	<0.005	<0.2	1.22	11	<10	580	0.6	<2	2.62	<0.5	15	7	9	3.27
K272839		2.32	0.007	<0.2	1.22	9	<10	570	0.5	<2	2.57	<0.5	7	7	3	2.86

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11160256

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272804		<10	1	0.41	10	0.64	2270	1	0.03	3	540	354	2.01	17	3	38
K272805		<10	1	0.39	<10	0.69	2380	2	0.02	1	510	234	3.91	15	2	38
K272806		<10	1	0.34	10	1.24	3390	1	0.03	1	380	2380	2.55	16	3	78
K272807		<10	<1	0.54	10	0.42	1295	1	0.03	2	650	79	1.55	3	3	24
K272808		<10	<1	0.50	10	0.70	2290	<1	0.03	4	630	38	0.97	6	3	64
K272809		<10	<1	0.42	10	0.75	3050	<1	0.03	1	620	27	1.74	2	3	53
K272810		<10	<1	0.38	20	0.73	1990	<1	0.03	1	580	52	1.06	3	3	74
K272811		<10	<1	0.35	20	0.71	1985	<1	0.03	1	600	21	0.23	4	3	79
K272812		<10	<1	0.41	20	0.84	2160	1	0.03	1	570	20	0.35	2	3	83
K272813		<10	1	0.36	<10	0.11	1495	2	0.02	<1	400	8910	9.70	117	1	13
K272814		<10	<1	0.03	<10	11.85	209	<1	0.03	1	170	10	0.03	2	<1	44
K272815		<10	<1	0.34	10	0.95	832	1	0.03	3	680	28	0.33	3	4	188
K272816		<10	1	0.46	20	1.03	1030	1	0.02	1	840	36	0.07	2	6	235
K272817		<10	<1	0.33	20	0.96	953	<1	0.04	2	780	32	0.08	2	5	217
K272818		<10	<1	0.35	20	0.93	980	<1	0.03	1	810	22	0.07	3	5	219
K272819		<10	<1	0.37	10	0.57	2940	8	0.03	1	500	175	1.90	8	3	68
K272820		<10	3	0.36	<10	0.38	1580	8	0.03	<1	380	3810	9.33	74	2	44
K272821		<10	5	0.32	<10	0.20	587	14	0.03	1	250	7480	>10.0	348	1	27
K272822		<10	1	0.27	10	0.67	1225	2	0.03	2	860	303	0.70	6	6	174
K272823		<10	1	0.36	10	0.74	2990	1	0.03	1	490	387	1.05	12	2	110
K272824		<10	<1	0.50	10	0.63	2440	<1	0.03	1	610	104	0.64	2	3	74
K272825		10	1	0.24	<10	1.15	639	44	0.36	317	680	8540	7.25	28	4	77
K272826		<10	<1	0.46	20	0.68	2310	<1	0.03	1	580	68	0.58	2	3	80
K272827		<10	<1	0.50	10	0.53	1980	1	0.03	2	560	100	3.37	3	2	59
K272828		<10	<1	0.02	<10	12.15	206	<1	0.03	<1	180	3	0.02	<2	<1	47
K272829		10	<1	0.42	20	0.74	1235	<1	0.05	1	640	7	0.25	2	5	90
K272830		<10	1	0.41	10	0.71	1810	<1	0.03	<1	550	15	1.36	43	3	82
K272831		<10	<1	0.38	20	0.77	1045	<1	0.05	1	580	11	0.40	2	3	96
K272832		10	<1	0.22	20	0.83	893	<1	0.05	1	550	9	0.63	2	4	88
K272833		10	<1	0.22	30	0.92	771	1	0.05	5	630	12	0.45	4	5	111
K272834		10	<1	0.19	20	0.80	737	1	0.05	2	620	8	0.19	4	5	126
K272835		<10	<1	0.24	20	0.63	740	1	0.04	1	560	9	0.19	3	6	146
K272836		<10	<1	0.27	20	0.85	744	1	0.02	1	660	10	0.16	2	7	140
K272837		10	1	0.24	<10	1.12	619	43	0.34	310	670	8330	7.12	27	4	76
K272838		10	1	0.26	20	0.85	939	<1	0.04	2	630	17	0.26	5	6	130
K272839		<10	1	0.28	20	0.77	755	<1	0.04	2	600	7	0.13	4	5	117

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Finalized Date: 26- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11160256

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K272804		<20	<0.01	<10	10	12	<10	1780	3	
K272805		<20	<0.01	<10	10	12	<10	763	3	
K272806		<20	<0.01	<10	10	16	<10	7570	4	
K272807		<20	<0.01	<10	<10	12	<10	131	1	
K272808		<20	<0.01	<10	<10	17	<10	86	<1	
K272809		<20	<0.01	<10	<10	16	<10	161	<1	
K272810		<20	<0.01	<10	<10	19	<10	128	<1	
K272811		<20	<0.01	<10	<10	18	<10	82	<1	
K272812		20	<0.01	<10	<10	19	<10	76	<1	
K272813		<20	<0.01	<10	<10	7	10	>10000	84	1.455
K272814		<20	<0.01	<10	<10	1	<10	50	<1	
K272815		<20	<0.01	<10	<10	17	<10	107	<1	
K272816		<20	<0.01	<10	<10	33	<10	105	<1	
K272817		<20	<0.01	<10	<10	29	<10	92	<1	
K272818		<20	<0.01	<10	<10	31	<10	88	<1	
K272819		<20	<0.01	<10	10	12	<10	493	1	
K272820		<20	<0.01	<10	10	10	10	>10000	50	1.050
K272821		<20	<0.01	<10	10	7	<10	8220	129	
K272822		<20	<0.01	<10	10	20	<10	691	1	
K272823		<20	<0.01	<10	10	11	<10	1920	1	
K272824		<20	<0.01	<10	<10	18	<10	230	<1	
K272825		<20	0.06	<10	10	324	10	7610	30	
K272826		<20	<0.01	<10	<10	19	<10	98	<1	
K272827		<20	<0.01	<10	10	13	<10	228	<1	
K272828		<20	<0.01	<10	<10	1	<10	13	<1	
K272829		<20	0.01	<10	<10	29	<10	60	<1	
K272830		<20	<0.01	<10	<10	19	<10	248	4	
K272831		<20	<0.01	<10	<10	25	<10	49	<1	
K272832		<20	<0.01	<10	<10	31	<10	45	<1	
K272833		20	0.01	<10	<10	39	<10	55	<1	
K272834		20	0.01	<10	<10	40	<10	46	<1	
K272835		20	<0.01	<10	<10	37	<10	46	<1	
K272836		<20	<0.01	<10	<10	41	<10	46	<1	
K272837		<20	0.05	<10	10	320	10	7430	32	
K272838		<20	0.01	<10	<10	47	<10	57	<1	
K272839		<20	0.01	<10	<10	38	<10	41	<1	

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VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11160257

Project: Klaza- DDH- 35

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11160257

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272768		4.21	0.005	1.0	0.51	41	<10	750	0.6	2	2.65	<0.5	7	5	8	2.72
K272769		3.56	0.005	2.7	0.53	20	<10	710	0.6	18	3.42	<0.5	8	4	16	2.72
K272770		6.48	<0.005	0.3	2.17	14	<10	300	0.5	<2	4.22	0.8	9	6	18	3.56
K272771		5.70	<0.005	0.9	0.59	17	<10	1050	0.6	<2	3.18	<0.5	8	4	8	2.64
K272772		6.16	<0.005	4.4	0.68	24	<10	390	0.7	10	3.38	<0.5	8	4	8	2.58
K272773		6.31	<0.005	0.7	0.51	12	<10	420	0.6	<2	3.83	<0.5	7	5	5	2.38
K272774		6.78	<0.005	0.7	0.57	9	<10	590	0.7	<2	3.76	<0.5	6	4	7	2.48
K272775		6.38	<0.005	0.3	0.68	18	<10	210	0.7	<2	2.78	<0.5	6	6	16	2.56
K272776		0.17	1.765	34.9	5.16	149	<10	40	<0.5	6	4.71	32.7	82	57	7220	8.42
K272777		6.51	0.008	0.5	0.70	19	<10	160	0.8	<2	3.11	<0.5	8	5	20	3.02
K272778		5.48	0.009	0.4	0.69	11	<10	330	0.7	<2	2.84	<0.5	9	5	5	2.91
K272779		6.77	<0.005	0.3	0.46	10	<10	670	0.5	<2	3.23	<0.5	7	3	3	2.04
K272780		2.77	<0.005	0.2	0.49	16	<10	850	0.7	<2	2.67	<0.5	8	4	3	2.18
K272781		4.91	<0.005	0.4	0.47	15	<10	490	0.6	<2	2.94	<0.5	6	4	19	2.32
K272782		4.02	<0.005	0.2	0.99	6	<10	340	0.7	<2	3.05	<0.5	8	6	6	2.62
K272783		6.14	<0.005	0.4	0.74	11	<10	330	0.6	<2	3.15	<0.5	6	5	6	2.49
K272784		5.18	0.051	0.7	0.58	72	<10	160	0.6	<2	1.46	1.7	9	6	13	3.97
K272785		2.80	<0.005	0.2	0.08	4	<10	<10	<0.5	<2	19.7	<0.5	1	1	1	0.45
K272786		3.70	0.130	1.0	0.56	88	<10	150	0.5	<2	2.31	8.6	6	5	42	3.58
K272787		2.52	0.024	0.8	0.51	73	<10	410	0.6	<2	3.49	1.4	5	4	25	2.65
K272788		4.14	0.110	7.4	0.49	209	<10	90	0.5	3	1.83	22.5	8	5	218	3.35
K272789		2.36	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	18.0	<0.5	1	1	2	0.43
K272790		3.47	0.013	0.7	0.41	64	<10	160	0.6	<2	1.68	<0.5	9	5	6	2.40
K272791		5.48	<0.005	0.2	0.48	13	<10	360	0.6	<2	2.85	<0.5	5	5	4	2.36
K272792		3.54	<0.005	<0.2	0.50	18	<10	450	0.6	<2	2.45	<0.5	5	6	5	2.38
K272793		2.82	0.026	0.8	0.38	143	<10	180	0.5	<2	2.87	0.9	7	3	28	3.17
K272794		6.21	<0.005	0.2	0.63	14	<10	220	0.7	<2	3.10	<0.5	5	5	7	2.41
K272795		5.61	<0.005	0.2	0.45	5	<10	470	0.5	<2	1.97	<0.5	2	4	2	1.81
K272796		2.50	<0.005	<0.2	0.52	6	<10	270	0.6	<2	2.12	<0.5	2	5	3	1.94
K272797		2.21	0.007	0.2	0.41	26	<10	720	0.7	<2	2.09	<0.5	6	3	3	2.54
K272798		1.94	0.117	1.6	0.46	151	<10	70	0.8	4	3.47	2.3	18	3	19	3.76
K272799		2.51	<0.005	<0.2	0.74	9	<10	900	0.9	2	2.57	<0.5	11	8	5	2.69
K272800		0.18	1.460	32.1	4.72	150	<10	10	<0.5	27	4.31	31.9	88	56	7070	8.00
K272801		2.30	0.067	1.2	0.46	121	<10	40	0.6	4	1.48	1.7	10	4	52	3.17
K272802		3.94	1.095	4.3	0.38	544	<10	<10	0.5	6	2.98	35.9	10	4	154	5.51
K272803		3.06	0.024	1.0	0.55	76	<10	70	0.7	5	0.87	1.7	13	3	12	3.00

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Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11160257

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272768		<10	1	0.25	20	0.51	1195	2	0.01	1	700	9	0.14	3	4	54
K272769		<10	<1	0.24	20	0.41	1295	1	0.01	1	690	24	0.12	3	4	75
K272770		10	1	0.20	20	1.31	2050	<1	0.03	2	860	28	0.04	16	7	152
K272771		<10	<1	0.23	20	0.92	1260	<1	0.02	1	580	18	0.18	3	4	103
K272772		<10	1	0.27	20	0.79	1350	<1	0.01	3	650	46	0.16	2	4	84
K272773		<10	<1	0.29	10	0.67	1495	<1	0.01	1	670	13	0.19	2	3	85
K272774		<10	<1	0.31	10	0.77	1505	<1	0.02	1	610	11	0.20	<2	3	98
K272775		<10	1	0.29	20	0.63	1775	<1	0.01	1	640	18	0.21	3	4	61
K272776		10	2	0.25	<10	1.18	650	46	0.35	310	680	8510	7.41	27	4	86
K272777		<10	<1	0.31	10	0.75	1895	1	0.01	2	620	34	0.43	<2	4	81
K272778		<10	1	0.32	10	0.76	1675	<1	0.01	1	610	35	0.48	<2	3	80
K272779		<10	<1	0.26	10	0.71	1240	<1	0.01	1	550	31	0.18	<2	3	80
K272780		<10	1	0.30	20	0.91	869	<1	0.01	1	560	6	0.22	<2	3	77
K272781		<10	1	0.27	20	0.79	1305	<1	0.01	1	570	8	0.21	2	3	77
K272782		<10	1	0.29	20	0.73	970	<1	0.01	1	610	7	0.10	3	3	77
K272783		<10	<1	0.33	20	0.59	1290	<1	0.02	1	580	16	0.22	3	3	71
K272784		<10	<1	0.44	10	0.64	2380	1	0.01	1	580	70	1.28	3	2	36
K272785		<10	<1	0.04	<10	12.50	205	<1	0.01	1	190	2	0.03	<2	<1	53
K272786		<10	<1	0.42	10	0.86	2380	1	0.01	<1	570	74	1.05	7	2	49
K272787		<10	1	0.41	10	0.74	4030	<1	0.01	1	530	47	0.62	9	2	78
K272788		<10	1	0.39	10	0.52	4490	1	0.01	1	540	435	2.23	77	2	32
K272789		<10	<1	0.02	<10	11.40	209	<1	0.01	2	160	2	0.01	<2	<1	62
K272790		<10	<1	0.31	10	0.55	1430	2	0.01	2	590	18	0.51	6	3	39
K272791		<10	<1	0.35	10	0.66	1385	1	0.01	2	600	9	0.33	2	2	72
K272792		<10	<1	0.31	20	0.71	1790	3	0.01	1	580	14	0.24	3	3	70
K272793		<10	<1	0.33	10	0.75	5000	<1	0.01	2	570	43	1.33	10	3	62
K272794		<10	<1	0.31	20	0.71	1560	<1	0.01	2	620	7	0.12	4	3	79
K272795		<10	<1	0.31	20	0.64	801	1	0.01	1	590	5	0.08	<2	3	47
K272796		<10	<1	0.35	20	0.70	864	1	0.01	1	600	6	0.10	3	3	49
K272797		<10	<1	0.30	20	0.72	1385	<1	0.01	1	560	14	0.38	4	3	69
K272798		<10	1	0.33	10	0.70	1435	3	0.01	4	490	116	1.56	19	3	99
K272799		<10	1	0.27	20	0.85	1125	2	0.02	10	1380	7	0.08	3	6	179
K272800		10	1	0.23	10	1.12	617	43	0.32	318	660	8020	7.19	22	4	78
K272801		<10	1	0.25	10	0.52	1160	2	0.01	7	640	80	1.31	8	4	80
K272802		<10	1	0.21	<10	0.59	1765	2	0.01	2	250	288	3.84	23	2	73
K272803		<10	1	0.39	10	0.42	1390	2	0.01	2	600	62	0.74	3	2	27

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VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11160257

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272768		<20	<0.01	<10	<10	25	<10	59	1
K272769		<20	<0.01	<10	<10	27	<10	94	3
K272770		20	0.01	<10	<10	54	<10	270	2
K272771		<20	<0.01	<10	<10	25	<10	89	1
K272772		<20	<0.01	<10	<10	22	<10	100	5
K272773		<20	<0.01	<10	<10	14	<10	64	1
K272774		<20	<0.01	<10	<10	14	<10	58	<1
K272775		<20	<0.01	<10	<10	21	<10	60	<1
K272776		<20	0.06	<10	<10	318	<10	7650	33
K272777		<20	<0.01	<10	<10	20	<10	75	<1
K272778		<20	<0.01	<10	<10	18	<10	64	<1
K272779		<20	<0.01	<10	<10	13	<10	88	<1
K272780		<20	<0.01	<10	<10	16	<10	36	<1
K272781		<20	<0.01	<10	<10	17	<10	40	<1
K272782		<20	<0.01	<10	<10	25	<10	48	<1
K272783		<20	<0.01	<10	<10	17	<10	68	<1
K272784		<20	<0.01	<10	<10	14	<10	244	1
K272785		<20	<0.01	<10	10	2	<10	12	<1
K272786		<20	<0.01	<10	<10	12	<10	1170	1
K272787		<20	<0.01	<10	<10	9	<10	223	<1
K272788		<20	<0.01	<10	<10	8	<10	2550	6
K272789		<20	<0.01	<10	<10	1	<10	14	<1
K272790		<20	<0.01	<10	<10	9	<10	77	<1
K272791		<20	<0.01	<10	<10	12	<10	48	<1
K272792		<20	<0.01	<10	<10	18	<10	54	<1
K272793		<20	<0.01	<10	<10	10	<10	150	<1
K272794		<20	<0.01	<10	<10	20	<10	50	<1
K272795		<20	<0.01	<10	<10	14	<10	33	<1
K272796		<20	<0.01	<10	<10	15	<10	41	<1
K272797		<20	<0.01	<10	<10	12	<10	54	<1
K272798		<20	<0.01	<10	10	11	<10	344	1
K272799		<20	<0.01	<10	<10	32	<10	66	<1
K272800		<20	0.05	<10	10	315	10	7720	31
K272801		<20	<0.01	<10	10	17	<10	255	1
K272802		<20	<0.01	<10	10	13	<10	4220	3
K272803		<20	<0.01	<10	10	11	<10	254	<1

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11162544

Project: Klaza- DDH- 17

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 17

CERTIFICATE OF ANALYSIS WH11162544

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K271528		9
K271529		<1
K271530		<1
K271531		173
K271532		2
K271533		48
K271534		<1
K271535		1
K271536		<1
K271537		<1
K271538		<1
K271539		<1
K271540		<1
K271541		<1
K271542		1
K271543		<1
K271544		<1
K271545		437
K271546		2
K271547		3
K271548		2
K271549		11
K271550		<1
K271551		<1
K271552		<1
K271553		<1
K271554		<1
K271555		3
K271556		438
K271557		<1
K271558		49
K271559		8
K271560		1
K271561		<1
K271562		<1
K271563		<1

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

CERTIFICATE WH11163514

Project: Klaza- DDH- 19

P.O. No.: Batch 5

This report is for 8 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- AUG- 2011
Account: ROCKHA

Project: Klaza- DDH- 19

CERTIFICATE OF ANALYSIS WH11163514

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K272193		0.123
K272194		0.009
K272195		0.006
K272196		1.430
K272197		<0.005
K272198		0.008
K272199		<0.005
K272200		<0.005

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11164763

Project: Klaza DDH 31

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 5- OCT- 2011
Account: ROCKHA

Project: Klaza DDH 31

CERTIFICATE OF ANALYSIS WH11164763

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270325		11.06	0.216	5.8	0.64	687	<10	40	0.7	2	2.43	28.2	8	5	14	3.48
K270326		11.54	0.005	<0.2	0.93	7	<10	130	<0.5	<2	1.82	<0.5	7	7	5	2.75
K270327		4.69	0.006	<0.2	1.15	13	<10	370	<0.5	<2	1.42	<0.5	7	8	4	2.94
K270328		8.59	0.024	<0.2	0.89	42	<10	410	0.9	<2	2.03	<0.5	8	9	16	2.91
K270329		9.61	0.005	<0.2	0.74	6	<10	50	0.6	<2	1.89	<0.5	9	5	7	3.01
K270330		0.11	1.485	34.0	4.64	135	<10	40	<0.5	17	4.51	30.7	79	54	6810	8.02
K270331		12.33	0.005	<0.2	0.74	3	<10	190	<0.5	<2	2.34	<0.5	7	7	25	2.54
K270332		11.23	<0.005	0.4	0.55	6	<10	130	0.5	<2	2.58	0.9	6	5	4	2.32
K270333		11.65	0.008	0.2	0.98	7	<10	130	0.5	<2	2.62	<0.5	5	7	5	2.76
K270334		8.02	0.044	3.3	0.44	51	<10	120	0.5	<2	2.14	19.2	6	3	14	3.45
K270335		6.14	0.029	1.0	0.64	194	<10	130	0.7	<2	2.82	6.1	12	3	6	2.70
K270336		8.16	0.009	0.5	0.60	17	<10	180	0.6	<2	3.16	0.5	8	4	5	2.62
K270337		3.85	0.908	16.7	0.38	1670	<10	20	<0.5	2	2.37	22.1	2	6	37	4.80
K270338		2.23	<0.005	0.2	0.19	6	<10	40	<0.5	<2	19.3	<0.5	1	10	1	0.43
K270339		9.52	0.008	0.4	0.45	14	<10	110	<0.5	<2	3.49	0.6	10	5	2	2.86
K270340		11.96	0.047	1.4	0.38	13	<10	170	<0.5	<2	3.70	1.3	6	4	4	2.53
K270341		10.89	0.012	0.9	0.47	24	<10	150	0.5	<2	3.56	4.8	7	4	6	2.33
K270342		11.73	0.005	0.4	0.51	24	<10	210	<0.5	<2	3.64	0.7	8	5	1	2.04
K270343		6.72	0.024	1.3	0.41	260	<10	100	<0.5	<2	3.35	2.1	9	5	4	2.98
K270344		0.10	1.435	33.7	4.88	142	<10	40	<0.5	10	4.69	32.0	84	58	7140	8.38
K270345		3.78	0.358	6.6	0.55	590	<10	30	<0.5	5	1.15	32.8	17	4	97	7.05
K270346		4.11	0.040	1.4	0.53	230	<10	70	<0.5	<2	2.99	2.2	10	5	5	3.53
K270347		8.59	0.013	0.8	0.91	26	<10	230	0.5	<2	3.14	2.9	5	14	11	2.87
K270348		11.87	0.046	4.1	0.54	54	<10	250	<0.5	3	2.72	12.7	7	5	70	2.77
K270349		8.80	0.751	16.4	0.57	1360	<10	60	<0.5	3	2.39	39.7	6	4	132	3.77
K270350		2.38	<0.005	<0.2	0.08	<2	<10	20	<0.5	<2	21.0	<0.5	2	2	2	0.48
K270351		8.86	0.010	0.4	0.56	32	<10	320	<0.5	<2	3.10	0.6	7	4	10	1.99
K270352		9.79	0.008	0.5	0.52	13	<10	150	<0.5	<2	3.23	0.6	5	4	5	2.06
K270353		8.51	0.005	0.2	0.48	4	<10	190	<0.5	<2	3.08	<0.5	3	4	3	1.58
K270354		3.97	0.005	<0.2	0.52	2	<10	210	<0.5	<2	3.12	<0.5	8	5	4	1.73
K270355		7.11	0.015	0.7	2.48	9	<10	80	<0.5	<2	4.17	0.5	13	5	13	4.44
K270356		11.53	0.015	0.6	0.47	15	<10	140	<0.5	<2	3.08	0.8	6	4	3	2.50
K270357		11.75	0.014	0.7	0.56	14	<10	120	<0.5	<2	3.04	2.6	11	4	2	3.34
K270358		13.27	0.005	0.3	0.46	2	<10	120	<0.5	<2	3.58	0.5	5	5	1	1.74
K270359		6.90	0.005	0.2	0.85	2	<10	430	<0.5	<2	2.88	<0.5	9	6	4	2.12
K270360		7.62	0.026	0.3	0.76	13	<10	630	0.5	<2	3.17	<0.5	5	6	4	2.23

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- OCT- 2011
Account: ROCKHA

Project: Klaza DDH 31

CERTIFICATE OF ANALYSIS WH11164763

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270325		<10	<1	0.33	10	0.73	871	2	0.01	<1	520	1585	2.45	7	5	140
K270326		<10	<1	0.20	20	0.72	438	1	0.04	<1	570	23	1.17	<2	5	127
K270327		<10	<1	0.15	20	0.76	402	<1	0.08	<1	580	27	0.74	<2	6	113
K270328		<10	1	0.21	10	0.57	631	1	0.02	<1	520	17	0.80	<2	9	203
K270329		<10	<1	0.18	20	0.61	480	2	0.03	<1	550	19	1.66	<2	7	166
K270330		10	1	0.23	<10	1.11	593	41	0.33	291	640	7910	6.84	27	4	73
K270331		<10	<1	0.19	20	0.71	434	<1	0.05	1	550	25	1.47	<2	6	113
K270332		<10	<1	0.19	20	0.67	597	<1	0.02	<1	580	70	1.14	<2	6	128
K270333		<10	<1	0.28	20	0.73	772	<1	0.05	<1	640	21	1.26	<2	7	125
K270334		<10	<1	0.35	10	0.49	1650	1	0.01	<1	560	877	2.45	4	4	82
K270335		<10	<1	0.32	10	0.51	1110	<1	0.02	<1	600	164	1.98	3	5	141
K270336		<10	<1	0.31	20	0.77	1005	<1	0.02	<1	590	31	1.58	<2	5	132
K270337		<10	<1	0.31	10	0.63	3330	1	0.01	<1	410	3050	4.49	26	3	61
K270338		<10	<1	0.12	<10	11.95	199	<1	0.02	<1	180	2	0.02	<2	<1	46
K270339		<10	<1	0.31	10	0.73	1125	<1	0.02	<1	590	29	2.00	<2	4	89
K270340		<10	<1	0.27	10	0.70	1480	<1	0.02	<1	550	115	1.71	<2	4	96
K270341		<10	<1	0.30	20	0.52	1350	<1	0.01	<1	570	111	1.59	<2	5	112
K270342		<10	<1	0.29	20	0.61	1135	<1	0.02	<1	590	35	1.12	<2	5	265
K270343		<10	<1	0.30	10	0.69	1605	<1	0.01	<1	540	130	2.03	<2	4	72
K270344		10	1	0.24	<10	1.16	619	43	0.35	309	660	8210	7.17	26	4	77
K270345		<10	<1	0.43	<10	0.30	1150	5	0.02	2	540	691	7.46	24	2	27
K270346		<10	<1	0.41	<10	0.60	1900	2	0.02	4	600	104	2.40	2	3	60
K270347		<10	<1	0.37	10	0.80	1625	<1	0.03	7	760	200	1.28	3	4	152
K270348		<10	<1	0.43	10	0.53	1715	<1	0.02	2	600	312	1.80	20	2	61
K270349		<10	<1	0.43	10	0.59	1695	2	0.02	1	520	3720	3.15	33	2	67
K270350		<10	<1	0.04	<10	12.60	218	<1	0.02	2	220	2	<0.01	<2	<1	47
K270351		<10	<1	0.35	20	0.55	620	1	0.03	3	590	32	1.19	2	2	130
K270352		<10	<1	0.36	10	0.57	1060	<1	0.02	3	570	30	1.30	<2	2	130
K270353		<10	<1	0.32	30	0.59	745	<1	0.03	2	550	10	0.69	<2	3	134
K270354		<10	<1	0.33	30	0.61	757	<1	0.03	2	580	7	0.82	<2	3	137
K270355		10	<1	0.29	20	1.74	890	<1	0.14	3	1260	100	2.51	2	10	439
K270356		<10	<1	0.36	10	0.47	1360	1	0.02	2	590	49	1.77	<2	2	102
K270357		<10	<1	0.38	10	0.43	1540	3	0.02	2	610	119	2.63	<2	2	98
K270358		<10	<1	0.28	10	0.53	1085	1	0.03	2	600	23	0.88	<2	3	99
K270359		<10	<1	0.26	20	0.61	525	4	0.05	1	570	23	0.86	<2	5	129
K270360		<10	<1	0.30	20	0.60	873	1	0.04	1	540	23	0.64	2	5	145

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 5- OCT- 2011
Account: ROCKHA

Project: Klaza DDH 31

CERTIFICATE OF ANALYSIS WH11164763

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270325		<20	<0.01	<10	<10	15	<10	2010	5
K270326		<20	0.01	<10	<10	33	<10	66	<1
K270327		<20	0.02	<10	<10	46	<10	52	<1
K270328		<20	<0.01	<10	<10	35	<10	59	<1
K270329		<20	<0.01	<10	<10	28	<10	52	<1
K270330		<20	0.05	<10	10	307	10	7270	32
K270331		<20	<0.01	<10	<10	31	<10	80	<1
K270332		<20	<0.01	<10	<10	26	<10	90	<1
K270333		<20	0.01	<10	<10	36	<10	65	<1
K270334		<20	<0.01	<10	<10	8	<10	1310	2
K270335		<20	<0.01	<10	<10	10	<10	505	<1
K270336		<20	<0.01	<10	<10	11	<10	72	<1
K270337		<20	<0.01	<10	<10	6	<10	1730	15
K270338		<20	0.01	<10	<10	2	<10	18	<1
K270339		<20	<0.01	<10	<10	8	<10	71	<1
K270340		<20	<0.01	<10	<10	7	<10	132	2
K270341		<20	<0.01	<10	<10	10	<10	468	1
K270342		<20	<0.01	<10	<10	15	<10	76	<1
K270343		<20	<0.01	<10	<10	11	<10	210	2
K270344		<20	0.05	<10	10	323	10	7560	33
K270345		<20	<0.01	<10	<10	8	<10	2670	6
K270346		<20	<0.01	<10	<10	12	<10	190	1
K270347		<20	0.01	<10	<10	26	<10	374	1
K270348		<20	<0.01	<10	<10	9	<10	1010	3
K270349		<20	<0.01	<10	<10	8	<10	2760	16
K270350		<20	<0.01	<10	10	2	<10	22	<1
K270351		<20	<0.01	<10	<10	10	<10	69	<1
K270352		<20	<0.01	<10	<10	8	<10	69	<1
K270353		<20	<0.01	<10	<10	10	<10	33	<1
K270354		<20	<0.01	<10	<10	12	<10	32	<1
K270355		<20	0.03	<10	<10	94	<10	104	2
K270356		<20	<0.01	<10	<10	8	<10	89	<1
K270357		<20	<0.01	<10	<10	11	<10	216	1
K270358		<20	<0.01	<10	<10	9	<10	59	<1
K270359		<20	<0.01	<10	<10	26	<10	56	<1
K270360		20	<0.01	<10	<10	27	<10	48	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11164764

Project: Klaza- DDH- 38

P.O. No.: Batch 3

This report is for 15 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164764

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270451		8.82	<0.005	<0.2	1.04	9	<10	270	0.6	<2	2.47	<0.5	6	6	27	2.76
K270452		10.32	0.790	12.7	0.43	2950	<10	50	<0.5	2	1.60	17.0	6	3	81	3.74
K270453		10.28	0.005	<0.2	0.96	13	<10	470	0.5	<2	1.60	<0.5	6	6	5	2.57
K270454		10.59	0.006	0.2	1.01	11	<10	300	0.5	<2	1.98	<0.5	6	7	16	2.57
K270455		9.62	0.006	<0.2	0.94	5	<10	300	0.5	<2	3.73	<0.5	5	5	6	2.02
K270456		12.17	0.005	0.2	1.12	3	<10	180	0.5	<2	1.65	<0.5	5	9	9	2.62
K270457		0.10	1.520	33.1	4.73	139	<10	40	<0.5	12	4.55	31.1	83	54	6850	8.16
K270458		12.12	0.012	0.2	0.85	9	<10	530	<0.5	<2	2.07	<0.5	5	8	28	2.62
K270459		11.86	0.033	0.3	0.60	13	<10	320	0.7	<2	2.33	<0.5	6	4	12	2.45
K270460		12.22	0.008	0.2	0.85	6	<10	240	<0.5	<2	1.99	<0.5	6	8	10	2.65
K270461		11.58	0.005	0.2	0.87	9	<10	430	<0.5	<2	1.80	<0.5	7	8	8	2.63
K270462		3.05	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	19.5	<0.5	1	1	<1	0.39
K270463		11.79	0.045	0.8	1.17	24	<10	330	<0.5	<2	2.05	0.5	5	8	23	3.13
K270464		9.47	<0.005	<0.2	1.03	5	<10	230	<0.5	<2	1.56	<0.5	5	9	6	2.43
K270465		9.53	<0.005	<0.2	1.01	3	<10	260	<0.5	<2	1.27	<0.5	6	10	6	2.53

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164764

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270451		<10	1	0.20	20	0.74	630	15	0.02	<1	560	15	0.97	<2	5	87
K270452		<10	1	0.32	10	0.36	1215	1	0.01	<1	470	1310	3.24	29	3	32
K270453		<10	<1	0.18	10	0.60	496	1	0.04	<1	510	12	0.48	<2	7	75
K270454		<10	1	0.19	20	0.68	551	<1	0.05	<1	550	12	0.78	3	5	101
K270455		<10	<1	0.19	30	0.56	1000	5	0.03	<1	460	13	0.86	<2	4	103
K270456		10	<1	0.17	20	0.74	479	<1	0.06	<1	540	15	0.86	<2	5	122
K270457		10	1	0.23	<10	1.12	600	41	0.34	298	640	7960	6.96	27	4	75
K270458		<10	<1	0.23	20	0.64	622	1	0.05	<1	520	21	0.66	<2	5	102
K270459		<10	<1	0.24	20	0.64	701	<1	0.02	<1	510	11	0.68	2	6	115
K270460		<10	<1	0.21	20	0.73	552	2	0.04	<1	530	13	1.06	<2	4	109
K270461		<10	<1	0.18	20	0.63	497	1	0.06	<1	540	10	0.62	<2	5	109
K270462		<10	<1	0.03	<10	11.90	181	<1	0.02	<1	230	<2	0.02	<2	<1	51
K270463		<10	<1	0.19	20	0.64	693	<1	0.04	<1	550	47	0.83	<2	5	100
K270464		10	<1	0.18	10	0.66	444	2	0.06	<1	550	9	0.21	<2	4	76
K270465		<10	<1	0.14	10	0.66	407	1	0.06	2	550	11	0.32	<2	5	91

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Finalized Date: 24- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164764

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270451		20	<0.01	<10	<10	29	<10	66	<1
K270452		<20	<0.01	<10	<10	10	<10	1425	11
K270453		<20	0.02	<10	<10	41	<10	44	<1
K270454		20	0.01	<10	<10	35	<10	44	<1
K270455		20	<0.01	<10	<10	25	<10	38	<1
K270456		20	0.01	<10	<10	39	<10	58	<1
K270457		<20	0.05	<10	10	309	10	7280	30
K270458		<20	0.02	<10	<10	38	<10	73	<1
K270459		<20	<0.01	<10	<10	25	<10	47	<1
K270460		<20	0.03	<10	<10	35	<10	44	<1
K270461		<20	0.03	<10	<10	42	<10	39	<1
K270462		<20	<0.01	<10	<10	1	<10	31	<1
K270463		<20	0.02	<10	<10	42	<10	76	<1
K270464		<20	0.08	<10	<10	50	<10	35	<1
K270465		20	0.05	<10	<10	50	<10	38	<1

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11164765

Project: Klaza- DDH- 38

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164765

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K270415		9.67	0.021	1.1	0.91	74	<10	220	0.7	2	2.50	3.4	4	6	7	2.65
K270416		9.78	0.089	0.7	0.65	112	<10	220	0.9	<2	2.94	1.3	7	4	10	2.71
K270417		3.82	<0.005	<0.2	1.26	5	<10	210	0.7	<2	2.14	<0.5	6	5	5	2.64
K270418		6.77	0.020	0.6	0.77	46	<10	420	0.7	<2	2.29	2.3	7	4	31	2.70
K270419		10.95	<0.005	0.2	1.12	7	<10	190	0.5	<2	1.54	<0.5	6	8	12	2.46
K270420		0.10	1.440	34.0	4.99	159	<10	40	<0.5	9	4.67	34.7	87	59	7700	8.39
K270421		10.10	<0.005	<0.2	0.96	19	<10	300	0.6	2	1.64	<0.5	5	7	11	2.40
K270422		6.71	0.109	2.2	0.49	418	<10	60	0.6	<2	2.26	2.4	8	2	37	2.50
K270423		8.82	0.136	1.6	0.56	191	<10	200	0.7	<2	2.04	1.4	5	3	106	2.21
K270424		4.80	6.67	99.7	0.37	820	<10	10	<0.5	82	0.99	90.9	9	5	1080	8.06
K270425		2.33	<0.005	<0.2	0.06	2	<10	20	<0.5	<2	19.9	<0.5	<1	1	1	0.37
K270426		9.31	0.017	0.8	0.65	17	<10	100	0.6	<2	2.86	0.6	5	3	8	2.67
K270427		6.03	0.008	0.2	1.12	21	<10	270	0.7	<2	2.32	<0.5	3	4	5	2.55
K270428		8.33	0.006	0.2	1.36	19	<10	280	0.5	<2	1.89	<0.5	5	7	31	2.50
K270429		11.02	0.061	1.0	0.62	83	<10	100	0.7	<2	1.96	2.2	5	4	36	2.99
K270430		7.12	0.017	0.3	1.44	13	<10	210	0.6	<2	1.74	<0.5	6	7	78	2.90
K270431		3.51	0.051	0.3	1.52	9	<10	240	0.6	<2	1.71	<0.5	6	7	77	3.06
K270432		3.99	3.54	43.7	0.72	5170	<10	20	0.6	4	2.63	46.6	4	3	910	5.46
K270433		7.54	0.005	0.3	1.03	23	<10	380	0.5	<2	1.76	<0.5	5	8	4	2.75
K270434		8.36	0.014	0.5	0.92	16	<10	190	0.6	<2	2.19	1.0	5	6	4	2.54
K270435		5.59	0.153	2.9	0.44	217	<10	30	0.6	<2	1.84	10.4	7	4	8	3.55
K270436		4.04	<0.005	0.2	0.04	3	<10	10	<0.5	<2	18.1	<0.5	1	1	<1	0.42
K270437		8.16	0.032	0.8	0.49	119	<10	140	0.8	<2	2.64	1.1	5	3	<1	2.38
K270438		8.23	0.071	2.2	0.40	117	<10	30	<0.5	<2	2.10	3.5	5	2	3	3.02
K270439		6.02	1.615	19.0	0.39	2750	<10	20	0.5	3	1.21	36.9	4	3	51	3.61
K270440		6.76	0.037	0.3	0.94	34	<10	160	0.5	<2	2.05	0.6	5	7	2	2.65
K270441		13.00	<0.005	0.3	1.10	7	<10	140	<0.5	<2	1.57	<0.5	4	10	8	2.54
K270442		0.06	1.370	31.5	4.69	150	<10	30	<0.5	13	4.40	31.5	81	56	7030	8.24
K270443		11.88	0.018	0.3	0.85	11	<10	150	<0.5	<2	3.09	<0.5	6	6	27	2.62
K270444		7.37	0.013	0.4	0.70	9	<10	130	0.7	<2	1.50	<0.5	6	4	2	2.66
K270445		5.70	0.032	1.3	0.52	28	<10	70	0.6	<2	1.63	0.5	6	3	1	2.87
K270446		12.57	<0.005	0.2	0.94	6	<10	370	0.5	<2	1.40	<0.5	5	7	6	2.63
K270447		11.15	0.007	0.2	0.74	10	<10	230	0.7	<2	1.17	<0.5	6	3	1	2.64
K270448		11.98	<0.005	0.2	0.98	9	<10	240	0.5	<2	1.83	0.5	6	7	2	2.64
K270449		9.67	<0.005	<0.2	1.20	4	<10	250	0.5	<2	1.70	<0.5	5	6	2	2.54
K270450		10.71	<0.005	0.3	0.99	9	<10	260	0.6	<2	2.30	<0.5	5	5	5	2.58

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Finalized Date: 20- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164765

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270415		<10	<1	0.29	20	0.52	1315	<1	0.02	2	620	239	1.18	2	5	79
K270416		<10	<1	0.27	20	0.75	1790	<1	0.02	1	540	59	1.01	4	6	97
K270417		<10	<1	0.16	20	0.60	566	<1	0.04	2	600	14	0.36	4	7	89
K270418		<10	<1	0.24	20	0.64	1220	<1	0.01	1	630	90	0.62	5	8	68
K270419		<10	<1	0.17	20	0.59	512	<1	0.07	1	580	12	0.14	3	6	67
K270420		10	1	0.23	<10	1.14	637	48	0.35	342	720	9060	7.84	29	4	81
K270421		<10	<1	0.21	20	0.59	671	1	0.05	2	590	17	0.18	2	7	65
K270422		<10	<1	0.30	10	0.61	1920	6	0.01	1	500	90	1.81	22	4	55
K270423		<10	<1	0.32	20	0.62	1605	2	0.01	1	490	45	1.05	28	6	65
K270424		<10	1	0.27	<10	0.33	1095	14	0.01	<1	280	9190	>10.0	171	1	19
K270425		<10	<1	0.04	<10	12.25	187	<1	0.02	2	300	7	0.02	<2	<1	56
K270426		<10	<1	0.29	10	0.69	953	<1	0.02	3	550	45	1.91	<2	4	87
K270427		<10	<1	0.18	20	0.58	612	<1	0.03	2	610	23	0.83	<2	6	87
K270428		10	<1	0.18	20	0.72	575	<1	0.06	1	620	13	0.25	5	6	85
K270429		<10	<1	0.27	20	0.55	1570	7	<0.01	2	540	131	1.60	14	5	54
K270430		10	<1	0.17	20	0.74	511	2	0.02	<1	620	28	0.45	7	6	52
K270431		10	<1	0.20	20	0.81	544	2	0.02	<1	680	29	0.46	4	7	51
K270432		<10	1	0.29	20	0.46	1515	1	<0.01	<1	480	6270	4.95	85	5	67
K270433		<10	<1	0.20	20	0.68	540	1	0.06	<1	610	18	0.56	<2	6	71
K270434		<10	<1	0.24	20	0.57	772	1	0.02	<1	590	55	1.00	<2	6	78
K270435		<10	<1	0.33	10	0.48	1665	8	<0.01	<1	510	434	3.02	8	4	51
K270436		<10	<1	0.02	<10	11.40	195	<1	<0.01	<1	170	3	0.01	<2	<1	45
K270437		<10	<1	0.32	20	0.69	1830	3	<0.01	<1	580	45	1.33	3	6	68
K270438		<10	<1	0.31	10	0.58	2600	5	<0.01	<1	560	128	2.66	7	3	32
K270439		<10	<1	0.29	10	0.25	1350	7	<0.01	<1	500	2150	3.43	29	2	30
K270440		<10	<1	0.22	20	0.62	597	<1	0.05	<1	550	17	0.81	<2	5	63
K270441		<10	<1	0.16	20	0.65	476	<1	0.07	<1	570	15	0.58	<2	6	51
K270442		10	1	0.23	10	1.10	613	46	0.31	312	670	8250	7.11	26	4	73
K270443		<10	<1	0.24	20	0.50	664	<1	0.03	<1	530	22	1.62	<2	5	75
K270444		<10	<1	0.20	10	0.45	643	1	0.01	<1	490	22	1.01	<2	6	72
K270445		<10	<1	0.23	10	0.49	925	<1	<0.01	<1	450	36	1.22	2	6	67
K270446		<10	<1	0.17	20	0.61	580	<1	0.04	<1	530	11	0.53	2	6	65
K270447		<10	<1	0.17	10	0.34	621	1	<0.01	<1	510	14	0.90	3	7	65
K270448		<10	<1	0.20	20	0.61	672	<1	0.04	<1	530	12	0.89	<2	6	72
K270449		<10	<1	0.17	20	0.61	547	31	0.04	<1	560	12	0.89	<2	6	62
K270450		<10	<1	0.22	20	0.55	617	15	0.01	<1	550	15	1.00	<2	6	72

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CERTIFICATE OF ANALYSIS WH11164765

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270415		<20	<0.01	<10	<10	25	<10	376	2
K270416		<20	<0.01	<10	<10	21	<10	124	1
K270417		<20	0.01	<10	<10	41	<10	45	<1
K270418		<20	<0.01	<10	<10	35	<10	239	<1
K270419		<20	0.03	<10	<10	44	<10	39	<1
K270420		<20	0.06	<10	<10	328	<10	8170	31
K270421		<20	0.01	<10	<10	40	<10	42	2
K270422		<20	<0.01	<10	<10	9	<10	200	2
K270423		<20	<0.01	<10	<10	13	<10	123	2
K270424		<20	<0.01	<10	<10	6	<10	7790	94
K270425		<20	<0.01	<10	10	2	<10	21	1
K270426		<20	<0.01	<10	<10	12	<10	82	<1
K270427		<20	<0.01	<10	<10	27	<10	70	<1
K270428		<20	0.01	<10	<10	41	<10	49	<1
K270429		<20	<0.01	<10	<10	17	<10	204	<1
K270430		<20	0.01	<10	<10	46	<10	49	<1
K270431		<20	0.02	<10	<10	53	<10	49	1
K270432		<20	<0.01	<10	<10	19	<10	3400	42
K270433		<20	0.02	<10	<10	41	<10	53	1
K270434		20	<0.01	<10	<10	29	<10	114	<1
K270435		<20	<0.01	<10	<10	11	<10	884	3
K270436		<20	<0.01	<10	<10	1	<10	18	<1
K270437		<20	<0.01	<10	<10	12	<10	108	1
K270438		<20	<0.01	<10	<10	6	<10	284	2
K270439		<20	<0.01	<10	<10	8	<10	2770	18
K270440		<20	0.01	<10	<10	37	<10	81	<1
K270441		<20	0.04	<10	<10	50	<10	46	<1
K270442		<20	0.05	<10	10	311	<10	7350	31
K270443		<20	<0.01	<10	<10	28	<10	73	<1
K270444		<20	<0.01	<10	<10	28	<10	56	<1
K270445		<20	<0.01	<10	<10	22	<10	78	1
K270446		<20	0.02	<10	<10	37	<10	48	<1
K270447		<20	<0.01	<10	<10	27	<10	46	<1
K270448		<20	<0.01	<10	<10	29	<10	72	<1
K270449		<20	0.01	<10	<10	36	<10	52	<1
K270450		20	<0.01	<10	<10	30	<10	50	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11164766

Project: Klaza- DDH- 37

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 37

CERTIFICATE OF ANALYSIS WH11164766

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K272911		3.90	<0.005	0.2	1.26	2	<10	410	<0.5	<2	0.92	<0.5	6	11	7	2.75
K272912		5.75	0.020	0.3	0.95	56	<10	1190	0.6	<2	2.91	<0.5	7	6	4	2.86
K272913		6.27	0.108	2.0	0.68	299	<10	250	0.6	<2	1.98	5.0	8	5	76	3.35
K272914		4.02	<0.005	0.2	0.58	16	<10	580	0.8	<2	2.64	<0.5	6	5	5	2.41
K272915		0.13	1.535	32.3	5.05	150	<10	40	<0.5	14	4.56	32.0	87	57	7240	8.51
K272916		5.75	<0.005	0.3	0.82	21	<10	240	0.6	<2	2.84	<0.5	7	5	17	2.66
K272917		5.39	<0.005	0.2	0.73	16	<10	310	0.7	<2	2.62	<0.5	7	5	7	2.48
K272918		5.32	<0.005	<0.2	1.06	4	<10	470	0.5	<2	1.42	<0.5	6	7	9	2.37
K272919		3.60	<0.005	0.2	1.09	11	<10	260	0.7	<2	2.59	<0.5	6	6	3	2.69
K272920		6.82	<0.005	<0.2	1.19	3	<10	430	<0.5	<2	1.17	<0.5	6	10	4	2.53
K272921		3.14	<0.005	<0.2	1.08	3	<10	440	<0.5	<2	1.34	<0.5	6	8	4	2.55
K272922		1.77	<0.005	0.2	0.92	4	<10	440	<0.5	<2	3.04	<0.5	6	7	6	2.51
K272923		2.48	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	18.9	<0.5	2	<1	1	0.46
K272924		4.19	<0.005	0.2	1.19	3	<10	410	0.5	<2	2.10	<0.5	7	8	4	2.66
K272925		1.68	<0.005	0.2	0.62	8	<10	410	0.7	<2	3.21	<0.5	6	4	4	2.32
K272926		2.70	<0.005	0.2	0.05	<2	<10	10	<0.5	<2	19.3	<0.5	2	<1	<1	0.45
K272927		4.31	<0.005	0.2	1.23	4	<10	120	0.7	<2	2.99	<0.5	7	6	21	2.78
K272928		3.60	0.021	0.5	0.61	67	<10	380	0.8	<2	3.54	0.6	8	3	6	2.91
K272929		5.32	<0.005	<0.2	1.13	16	<10	560	0.7	<2	2.23	<0.5	7	6	5	2.75
K272930		6.25	<0.005	0.3	0.83	26	<10	900	0.6	<2	2.05	0.7	8	6	4	2.77
K272931		4.84	<0.005	0.7	1.54	4	<10	420	0.7	<2	2.35	<0.5	7	9	5	2.82
K272932		3.42	<0.005	0.2	0.82	63	<10	430	0.5	<2	0.81	2.3	8	7	8	2.82
K272933		3.50	<0.005	0.5	0.88	23	<10	420	0.6	<2	1.14	1.7	8	6	9	3.20
K272934		3.58	0.656	3.9	0.37	1430	<10	40	<0.5	3	1.80	7.6	17	3	14	4.54
K272935		5.35	0.040	0.6	0.45	95	<10	230	0.7	<2	2.07	4.5	6	3	20	3.51
K272936		4.00	0.095	0.4	1.11	928	<10	230	<0.5	<2	1.44	1.2	7	10	5	2.68
K272937		0.16	1.330	34.6	5.27	162	<10	30	<0.5	7	4.52	33.0	89	60	7660	8.76
K272938		3.60	1.145	3.4	0.46	5990	<10	50	0.6	5	1.23	6.4	9	4	148	4.78
K272939		3.56	0.024	0.4	0.89	175	<10	490	0.6	<2	1.73	0.5	8	6	10	3.05
K272940		1.66	0.006	0.3	0.88	45	<10	390	0.6	<2	1.84	<0.5	8	6	5	2.97
K272941		4.14	<0.005	0.7	0.87	53	<10	820	0.6	<2	1.81	3.8	8	5	9	2.81
K272942		2.09	0.183	10.9	0.36	1335	<10	50	<0.5	2	1.23	27.9	6	3	74	4.39
K272943		4.69	0.566	12.5	0.44	4440	<10	90	0.7	<2	2.11	18.5	6	3	37	3.86
K272944		2.22	0.502	14.3	0.61	2840	<10	210	1.1	2	2.68	25.8	6	4	67	3.23
K272945		2.94	0.021	1.4	0.51	194	<10	540	0.8	<2	3.17	4.7	7	3	57	2.80
K272946		1.89	0.005	0.5	0.48	36	<10	280	0.8	<2	3.24	0.6	6	3	40	2.62

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 37

CERTIFICATE OF ANALYSIS WH11164766

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272911		<10	<1	0.25	20	0.67	506	<1	0.09	2	610	7	<0.01	<2	5	34
K272912		<10	<1	0.22	20	0.46	1035	<1	0.03	2	610	9	0.13	<2	5	63
K272913		<10	<1	0.25	20	0.41	2640	<1	0.03	1	540	82	0.18	6	6	48
K272914		<10	<1	0.28	20	0.64	1095	<1	0.01	2	620	15	0.14	<2	7	80
K272915		10	1	0.24	10	1.14	638	43	0.33	320	690	8350	7.47	29	4	78
K272916		<10	<1	0.30	20	0.52	2120	<1	0.03	1	670	21	0.27	2	4	51
K272917		<10	<1	0.22	20	0.45	943	<1	0.02	1	600	12	0.13	<2	6	68
K272918		<10	<1	0.25	20	0.41	478	<1	0.04	1	590	7	0.02	<2	6	71
K272919		<10	<1	0.21	20	0.41	752	<1	0.02	<1	610	9	0.05	<2	9	71
K272920		<10	<1	0.27	20	0.63	496	<1	0.09	<1	600	6	0.02	<2	5	50
K272921		<10	<1	0.27	20	0.62	544	<1	0.08	1	590	6	0.03	<2	6	59
K272922		<10	<1	0.21	20	0.63	815	<1	0.06	<1	570	6	0.11	<2	5	100
K272923		<10	<1	0.03	<10	12.00	209	<1	0.01	<1	170	2	0.08	<2	<1	48
K272924		<10	<1	0.19	20	0.69	710	<1	0.03	<1	620	8	0.03	<2	6	81
K272925		<10	<1	0.22	20	0.59	1065	<1	0.02	<1	600	13	0.06	2	5	137
K272926		<10	<1	0.03	<10	12.25	208	<1	0.01	<1	180	2	0.07	<2	<1	52
K272927		<10	<1	0.18	20	0.82	976	<1	0.02	1	680	9	0.06	2	7	106
K272928		<10	<1	0.27	20	0.85	2420	<1	0.01	<1	610	43	0.67	4	5	97
K272929		<10	1	0.21	20	0.72	860	<1	0.03	<1	620	9	0.07	2	7	93
K272930		<10	1	0.18	20	0.61	1100	<1	0.01	<1	650	17	0.09	2	9	76
K272931		10	<1	0.28	20	0.70	626	3	0.06	1	600	8	0.03	2	5	98
K272932		<10	1	0.16	30	0.45	1235	<1	0.01	1	700	27	0.05	4	9	21
K272933		<10	<1	0.21	20	0.54	1390	<1	0.01	1	720	29	0.11	3	9	33
K272934		<10	<1	0.26	10	0.57	5410	28	0.01	<1	450	500	2.92	19	3	28
K272935		<10	<1	0.29	10	0.70	1655	1	<0.01	<1	590	25	0.37	3	5	55
K272936		<10	1	0.16	20	0.71	662	<1	0.06	<1	640	31	0.10	4	5	53
K272937		10	1	0.25	10	1.19	660	44	0.35	342	710	8610	7.70	29	4	82
K272938		<10	1	0.30	10	0.43	1910	<1	0.01	1	620	347	3.31	30	4	26
K272939		<10	<1	0.17	30	0.62	941	<1	0.01	<1	710	24	0.22	4	9	54
K272940		<10	1	0.17	30	0.63	907	<1	0.01	<1	700	19	0.09	2	9	57
K272941		<10	1	0.20	20	0.66	1345	<1	0.01	1	630	237	0.23	2	7	58
K272942		<10	<1	0.29	10	0.31	9090	<1	0.01	1	560	1785	3.58	22	3	18
K272943		<10	1	0.27	10	0.61	5050	<1	0.01	<1	570	744	2.03	20	5	68
K272944		<10	1	0.27	10	0.88	3960	1	0.01	2	730	1055	1.21	25	4	117
K272945		<10	<1	0.25	20	0.94	1990	<1	0.01	1	590	74	0.54	15	7	145
K272946		<10	<1	0.31	20	0.97	2530	<1	0.01	1	590	29	0.30	6	5	114

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 37

CERTIFICATE OF ANALYSIS WH11164766

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272911		<20	0.14	<10	<10	62	<10	45	<1
K272912		<20	0.02	<10	<10	37	<10	67	<1
K272913		<20	0.02	<10	<10	33	<10	595	2
K272914		<20	<0.01	<10	<10	31	<10	75	<1
K272915		<20	0.05	<10	10	320	<10	7360	30
K272916		<20	0.02	<10	<10	30	<10	89	<1
K272917		<20	<0.01	<10	<10	33	<10	59	<1
K272918		<20	0.07	<10	<10	49	<10	44	<1
K272919		<20	0.02	<10	<10	44	<10	51	<1
K272920		<20	0.12	<10	<10	56	<10	42	<1
K272921		<20	0.09	<10	<10	53	<10	43	<1
K272922		<20	0.03	<10	<10	39	<10	45	<1
K272923		<20	<0.01	<10	<10	1	<10	13	<1
K272924		<20	0.04	<10	<10	48	<10	51	<1
K272925		20	<0.01	<10	<10	31	<10	92	<1
K272926		<20	<0.01	<10	<10	1	<10	14	<1
K272927		<20	0.01	<10	<10	45	<10	61	<1
K272928		<20	<0.01	<10	10	24	<10	112	<1
K272929		<20	0.02	<10	<10	43	<10	55	1
K272930		<20	0.02	<10	<10	43	<10	156	<1
K272931		<20	0.07	<10	<10	53	<10	56	1
K272932		<20	0.02	<10	<10	44	<10	487	1
K272933		<20	0.01	<10	<10	45	<10	296	2
K272934		<20	<0.01	<10	10	10	<10	972	4
K272935		<20	<0.01	<10	<10	18	<10	634	<1
K272936		<20	0.06	<10	<10	49	<10	300	<1
K272937		<20	0.06	<10	10	336	<10	7680	30
K272938		<20	<0.01	<10	<10	18	<10	781	3
K272939		<20	0.01	<10	<10	44	<10	164	1
K272940		<20	0.01	<10	<10	45	<10	140	<1
K272941		<20	0.01	<10	<10	36	<10	420	1
K272942		<20	<0.01	<10	<10	8	<10	2970	11
K272943		<20	<0.01	<10	<10	19	<10	1585	13
K272944		<20	<0.01	<10	<10	17	<10	2260	11
K272945		<20	<0.01	<10	<10	32	<10	393	1
K272946		<20	<0.01	<10	<10	19	<10	87	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11164767

Project: Klaza- DDH- 31

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11164767

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270253		8.69	0.355	6.7	0.53	1555	<10	70	0.7	2	1.85	32.7	6	5	76	3.60
K270254		6.17	0.017	0.2	0.76	105	<10	720	<0.5	<2	1.67	0.9	6	8	7	2.53
K270255		3.75	1.415	98.6	0.44	8890	<10	50	0.6	2	2.38	173.5	6	5	150	4.22
K270256		9.94	0.023	2.3	0.67	37	<10	350	0.6	5	2.31	10.3	10	5	14	2.90
K270257		10.49	<0.005	<0.2	0.79	9	<10	450	0.6	3	1.91	0.5	7	7	12	2.76
K270258		6.35	<0.005	<0.2	0.90	23	<10	520	0.5	5	1.74	<0.5	8	8	17	2.82
K270259		0.13	1.330	33.8	4.76	150	<10	50	<0.5	2	4.61	32.8	87	57	7000	8.30
K270260		6.18	<0.005	<0.2	0.84	11	<10	360	<0.5	4	1.77	<0.5	7	7	20	2.55
K270261		4.37	0.476	11.5	0.45	1055	<10	40	0.8	5	2.38	43.2	7	4	71	3.05
K270262		3.35	0.007	0.2	0.71	54	<10	220	0.7	3	2.08	<0.5	6	6	7	2.50
K270263		7.30	0.347	4.8	0.61	1450	<10	80	0.6	7	1.84	30.8	8	5	49	3.82
K270264		2.60	<0.005	0.2	0.04	<2	<10	<10	<0.5	3	19.6	<0.5	<1	1	<1	0.44
K270265		9.46	0.011	<0.2	0.89	12	<10	520	0.5	4	1.50	3.3	7	7	19	3.20
K270266		11.27	0.026	0.9	0.54	92	<10	80	0.7	5	1.86	7.7	9	3	13	3.43
K270267		5.11	<0.005	<0.2	0.82	9	<10	730	0.6	4	1.85	<0.5	6	6	9	2.64
K270268		2.35	<0.005	<0.2	0.88	11	<10	710	0.6	6	2.03	<0.5	6	6	10	2.71
K270269		9.31	0.412	3.9	0.47	971	<10	30	0.7	4	2.29	16.6	7	3	24	3.85
K270270		8.99	0.081	0.8	0.78	40	<10	410	0.7	5	2.19	3.0	7	5	31	2.97
K270271		10.65	0.020	0.3	0.53	48	<10	470	0.9	3	3.45	1.5	6	3	13	2.53
K270272		8.15	<0.005	<0.2	0.63	56	<10	720	0.8	3	3.63	<0.5	6	4	6	2.36
K270273		7.65	0.006	<0.2	0.55	39	<10	360	0.9	5	3.53	<0.5	6	3	7	2.44
K270274		10.59	0.522	2.3	0.46	1535	<10	130	0.5	6	1.99	13.3	6	3	28	2.55
K270275		2.75	<0.005	<0.2	0.05	5	<10	20	<0.5	<2	20.0	<0.5	<1	1	<1	0.43
K270276		7.41	0.028	0.6	1.36	53	<10	380	1.0	5	2.16	1.4	7	4	15	3.18
K270277		3.73	0.007	<0.2	1.41	17	<10	510	0.8	6	2.07	<0.5	7	4	10	2.96
K270278		8.91	0.027	0.2	1.16	75	<10	130	0.9	5	2.21	0.9	7	3	11	3.86
K270279		8.52	0.157	3.7	0.50	136	<10	30	0.7	8	2.44	16.1	8	4	54	3.33
K270280		0.23	3.16	>100	0.18	>10000	<10	<10	<0.5	10	0.43	341	2	10	1620	14.15
K270281		10.91	<0.005	0.2	0.54	7	<10	950	0.7	<2	1.97	<0.5	5	4	8	2.23
K270282		11.46	<0.005	0.2	0.60	25	<10	1730	0.7	6	3.34	0.5	5	2	9	1.96
K270283		11.03	<0.005	0.6	0.54	17	<10	1490	0.6	4	3.18	0.6	4	2	12	1.90
K270284		7.02	<0.005	0.2	0.60	19	<10	1120	0.7	5	2.08	0.5	6	4	8	2.22
K270285		6.58	0.206	5.7	0.38	167	<10	20	<0.5	10	2.00	25.3	6	2	52	4.24
K270286		5.19	0.005	<0.2	0.60	22	<10	1740	0.7	4	1.41	<0.5	6	4	14	2.00
K270287		10.93	0.112	2.8	0.53	72	<10	140	0.6	7	2.14	17.6	7	3	53	3.06
K270288		7.33	0.008	0.3	0.60	22	<10	70	0.6	5	2.04	<0.5	7	4	2	2.68

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11164767

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270253		<10	1	0.28	10	0.54	1270	3	0.01	<1	500	1540	2.00	17	5	53
K270254		<10	<1	0.17	20	0.67	523	<1	0.06	<1	560	17	0.31	<2	6	105
K270255		<10	1	0.25	10	0.76	1570	1	0.01	<1	480	>10000	3.36	121	4	63
K270256		<10	1	0.24	20	0.72	820	<1	0.03	3	560	362	0.93	<2	6	92
K270257		<10	<1	0.19	20	0.65	670	<1	0.05	1	580	27	0.26	<2	7	82
K270258		<10	1	0.17	20	0.69	556	<1	0.07	3	580	50	0.43	<2	7	83
K270259		10	2	0.24	10	1.13	617	43	0.34	310	670	8320	7.04	24	4	77
K270260		<10	1	0.17	20	0.64	588	<1	0.06	2	570	13	0.14	<2	7	77
K270261		<10	1	0.28	20	0.69	1750	<1	0.01	2	480	2440	1.89	15	5	76
K270262		<10	1	0.20	20	0.62	736	<1	0.03	1	550	15	0.24	<2	7	86
K270263		<10	1	0.30	20	0.64	1380	<1	0.02	1	540	1320	2.16	5	4	59
K270264		<10	<1	0.02	<10	12.10	202	<1	0.01	<1	220	4	0.04	<2	1	49
K270265		<10	1	0.20	20	0.70	870	<1	0.05	1	580	67	0.41	<2	6	63
K270266		<10	<1	0.28	20	0.56	1160	<1	0.01	1	540	442	2.01	2	6	63
K270267		<10	<1	0.20	20	0.60	606	<1	0.04	1	540	12	0.24	<2	7	90
K270268		<10	1	0.21	20	0.62	634	<1	0.05	1	570	11	0.21	<2	7	98
K270269		<10	1	0.29	20	0.61	1505	<1	0.01	<1	540	663	2.35	7	5	78
K270270		<10	1	0.24	20	0.66	784	<1	0.03	<1	550	130	0.87	<2	6	105
K270271		<10	<1	0.24	10	1.14	721	<1	0.01	3	520	58	0.30	<2	4	238
K270272		<10	1	0.29	10	1.15	724	<1	0.01	2	580	18	0.28	2	4	184
K270273		<10	<1	0.22	10	1.17	728	<1	0.01	2	510	19	0.29	<2	4	158
K270274		<10	1	0.20	20	0.69	1015	7	0.01	1	440	297	1.14	10	4	71
K270275		<10	<1	0.03	<10	12.30	198	<1	0.01	<1	220	2	0.05	<2	<1	52
K270276		<10	1	0.26	20	0.77	856	1	0.02	1	580	64	0.81	4	6	117
K270277		10	<1	0.18	20	0.74	550	15	0.03	1	580	8	0.62	<2	7	143
K270278		<10	1	0.29	20	0.69	776	1	0.02	<1	610	72	2.05	<2	6	92
K270279		<10	<1	0.29	20	0.74	1390	2	0.01	1	450	424	2.48	6	3	96
K270280		<10	2	0.08	<10	0.18	1535	<1	0.01	10	140	>10000	>10.0	594	1	19
K270281		<10	<1	0.23	10	0.74	627	1	0.03	3	560	18	0.07	2	4	175
K270282		<10	1	0.29	10	0.69	500	<1	0.01	2	770	31	0.11	<2	3	282
K270283		<10	<1	0.26	20	0.72	503	<1	0.01	1	800	23	0.07	2	3	251
K270284		<10	1	0.27	10	0.73	676	<1	0.01	2	540	15	0.11	<2	4	205
K270285		<10	1	0.27	10	0.75	2910	1	0.01	<1	370	827	4.02	11	2	62
K270286		<10	1	0.26	10	0.61	672	<1	0.01	3	660	17	0.15	<2	4	159
K270287		<10	<1	0.29	20	0.71	871	<1	0.01	<1	550	248	1.70	7	4	91
K270288		<10	1	0.37	20	0.66	721	1	0.01	1	560	24	1.98	3	3	80

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Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11164767

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K270253		<20	<0.01	<10	<10	17	<10	2520	6		
K270254		<20	0.01	<10	<10	37	<10	101	<1		
K270255		<20	<0.01	<10	<10	16	<10	>10000	95	3.66	1.225
K270256		<20	<0.01	<10	<10	30	<10	997	3		
K270257		20	0.01	<10	<10	36	<10	65	1		
K270258		<20	0.01	<10	<10	41	<10	52	<1		
K270259		<20	0.05	10	<10	319	20	7510	32		
K270260		<20	0.02	<10	<10	39	<10	46	<1		
K270261		<20	<0.01	<10	<10	14	<10	2960	8		
K270262		<20	0.01	<10	<10	32	<10	37	<1		
K270263		<20	<0.01	<10	<10	20	<10	2120	3		
K270264		<20	<0.01	<10	<10	2	<10	18	<1		
K270265		<20	0.02	<10	<10	37	<10	264	<1		
K270266		<20	<0.01	<10	<10	20	<10	638	<1		
K270267		20	0.01	<10	<10	36	<10	43	<1		
K270268		20	0.01	<10	<10	38	<10	43	<1		
K270269		<20	<0.01	<10	<10	17	<10	1325	2		
K270270		<20	<0.01	<10	<10	30	<10	230	<1		
K270271		<20	<0.01	<10	<10	31	<10	151	<1		
K270272		<20	<0.01	<10	<10	31	<10	68	<1		
K270273		<20	<0.01	<10	<10	31	<10	72	<1		
K270274		<20	<0.01	<10	<10	15	<10	974	<1		
K270275		<20	<0.01	<10	<10	2	<10	16	<1		
K270276		<20	<0.01	<10	<10	25	<10	124	<1		
K270277		<20	<0.01	<10	<10	31	<10	44	<1		
K270278		<20	<0.01	<10	<10	21	<10	120	<1		
K270279		<20	<0.01	<10	<10	9	<10	1120	1		
K270280		<20	<0.01	10	<10	7	150	>10000	426	3.10	3.51
K270281		<20	<0.01	<10	<10	20	<10	87	<1		
K270282		<20	<0.01	<10	<10	17	<10	118	<1		
K270283		<20	<0.01	<10	<10	17	<10	144	<1		
K270284		<20	<0.01	<10	<10	21	<10	99	<1		
K270285		<20	<0.01	<10	<10	6	<10	1795	4		
K270286		<20	<0.01	<10	<10	19	<10	64	<1		
K270287		<20	<0.01	<10	<10	18	<10	1130	1		
K270288		<20	<0.01	<10	<10	11	<10	37	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11164768

Project: Klaza- DDH- 38

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164768

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K270379		5.25	<0.005	0.4	0.52	25	<10	140	0.6	<2	2.58	2.6	7	4	2	1.94
K270380		6.53	0.017	0.5	0.36	39	<10	190	<0.5	2	1.63	1.6	12	3	5	2.44
K270381		10.36	0.016	0.5	0.43	49	<10	90	<0.5	<2	2.88	1.2	8	4	4	1.87
K270382		11.02	<0.005	0.2	0.89	9	<10	190	0.5	<2	2.52	0.5	6	4	2	1.55
K270383		8.97	<0.005	0.2	0.58	11	<10	130	0.5	2	2.30	<0.5	5	4	1	1.51
K270384		11.20	<0.005	<0.2	0.70	8	<10	250	0.6	2	2.25	<0.5	3	4	2	1.79
K270385		0.12	1.120	32.9	4.76	152	<10	50	<0.5	11	4.58	30.8	88	55	7100	8.30
K270386		12.00	<0.005	<0.2	0.91	6	<10	490	<0.5	<2	2.64	<0.5	3	7	20	2.30
K270387		10.80	0.007	<0.2	1.07	13	<10	240	0.6	<2	2.32	<0.5	5	7	5	2.45
K270388		11.33	0.012	0.6	0.72	18	<10	300	0.5	<2	2.26	0.9	6	5	2	1.91
K270389		9.90	0.021	0.5	0.71	61	<10	130	0.7	2	2.70	<0.5	5	3	3	2.03
K270390		8.43	0.015	0.4	0.74	79	<10	180	0.6	2	3.16	<0.5	10	3	<1	2.35
K270391		1.55	<0.005	<0.2	0.05	<2	<10	10	<0.5	2	20.0	<0.5	1	<1	1	0.43
K270392		9.43	<0.005	0.4	0.78	14	<10	260	0.5	<2	2.84	<0.5	7	5	1	1.93
K270393		11.18	<0.005	<0.2	0.89	2	<10	230	<0.5	<2	1.35	<0.5	5	10	7	2.45
K270394		11.23	<0.005	<0.2	0.89	11	<10	450	0.5	<2	1.51	<0.5	7	6	5	2.26
K270395		9.87	0.013	0.5	0.86	31	<10	220	0.6	<2	1.76	<0.5	5	5	2	2.30
K270396		9.90	<0.005	<0.2	0.97	13	<10	100	0.7	<2	1.71	<0.5	3	5	<1	2.05
K270397		0.18	3.25	>100	0.17	>10000	<10	10	<0.5	2	0.41	320	3	8	1555	13.5
K270398		9.65	0.005	0.2	0.48	9	<10	680	0.7	<2	2.49	<0.5	5	3	2	2.03
K270399		4.21	0.008	0.5	0.66	15	<10	240	0.6	<2	1.81	<0.5	10	4	4	2.21
K270400		6.65	0.028	1.1	0.46	30	<10	240	0.5	<2	2.16	2.8	10	2	6	2.52
K270401		7.37	0.188	3.7	0.40	101	<10	90	0.5	<2	1.81	3.3	8	2	134	3.17
K270402		6.98	0.384	4.2	0.36	495	<10	60	0.5	2	2.06	10.1	7	3	25	2.78
K270403		6.58	1.455	16.9	0.39	2570	<10	50	0.6	4	2.68	49.3	4	3	169	2.96
K270404		2.77	<0.005	<0.2	0.03	12	<10	10	<0.5	2	19.5	<0.5	1	<1	2	0.45
K270405		9.57	2.56	15.2	0.49	3450	<10	40	0.6	13	1.90	24.9	6	3	376	3.95
K270406		6.72	0.034	0.7	0.50	62	<10	830	0.8	<2	3.16	3.9	6	2	17	2.18
K270407		10.37	0.005	0.2	0.62	10	<10	1110	0.7	<2	1.88	<0.5	5	3	6	2.17
K270408		2.96	0.230	2.8	0.64	141	<10	120	1.1	3	1.94	13.6	7	2	50	2.94
K270409		5.53	5.35	>100	0.40	9480	<10	10	<0.5	98	1.21	>1000	5	2	4060	6.78
K270410		10.00	0.006	0.4	1.18	24	<10	280	<0.5	2	1.56	1.5	6	10	9	2.76
K270411		7.47	0.014	0.7	1.42	22	<10	420	<0.5	2	1.60	2.5	7	9	13	2.89
K270412		4.00	0.007	0.2	1.44	8	<10	360	0.5	3	1.65	<0.5	7	8	4	2.93
K270413		6.87	0.018	0.9	1.05	32	<10	110	0.6	4	2.77	2.7	12	5	8	3.86
K270414		3.96	0.882	>100	0.36	3520	<10	30	<0.5	10	0.79	185.0	5	3	1285	6.07

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Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164768

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270379		<10	<1	0.26	30	0.28	1255	<1	0.02	2	550	72	0.26	<2	4	38
K270380		<10	1	0.25	10	0.40	1515	<1	0.01	1	480	35	1.08	<2	3	27
K270381		<10	<1	0.31	10	0.50	1950	<1	0.01	<1	460	41	0.75	2	3	46
K270382		<10	1	0.22	30	0.35	685	<1	0.03	2	660	11	0.26	<2	6	60
K270383		<10	1	0.26	40	0.29	886	1	0.02	1	580	10	0.31	<2	5	40
K270384		<10	1	0.19	40	0.38	707	<1	0.02	1	590	8	0.19	<2	6	53
K270385		10	1	0.23	10	1.11	624	46	0.32	306	670	8150	7.24	29	4	77
K270386		<10	<1	0.24	20	0.53	667	1	0.06	2	570	13	0.23	<2	5	82
K270387		<10	<1	0.16	20	0.56	478	2	0.05	2	590	10	0.15	<2	7	88
K270388		<10	1	0.20	30	0.55	999	1	0.03	1	560	87	0.44	<2	5	60
K270389		<10	<1	0.22	20	0.52	1100	1	0.02	1	580	33	0.50	<2	5	71
K270390		<10	1	0.23	20	0.66	931	<1	0.02	1	620	17	0.85	<2	4	71
K270391		<10	<1	0.03	<10	12.00	200	<1	0.02	1	230	<2	0.02	<2	<1	53
K270392		<10	1	0.22	30	0.56	840	<1	0.05	1	580	21	0.62	<2	5	62
K270393		<10	<1	0.13	20	0.56	443	1	0.08	2	540	8	0.03	<2	5	51
K270394		<10	1	0.17	20	0.44	603	1	0.04	1	580	12	0.17	2	8	48
K270395		<10	1	0.17	20	0.52	988	1	0.02	2	590	43	0.31	<2	7	46
K270396		<10	1	0.17	20	0.32	677	<1	0.01	1	590	11	0.12	2	8	50
K270397		<10	1	0.07	<10	0.17	1445	1	0.01	11	140	>10000	>10.0	548	1	19
K270398		<10	<1	0.27	20	0.64	1500	<1	0.02	1	520	15	0.35	<2	5	61
K270399		<10	<1	0.33	20	0.50	1205	<1	0.02	1	490	34	0.92	3	4	48
K270400		<10	1	0.26	10	0.54	1305	<1	0.03	1	490	153	1.40	2	2	49
K270401		<10	1	0.25	10	0.49	1180	6	0.02	<1	470	210	2.61	40	3	33
K270402		<10	1	0.26	10	0.60	1410	4	0.01	2	470	1065	1.93	14	3	34
K270403		<10	1	0.22	10	0.91	1760	14	0.01	1	300	4120	1.94	70	4	49
K270404		<10	<1	0.02	<10	11.85	201	<1	0.02	1	170	7	0.02	<2	<1	52
K270405		<10	1	0.25	10	0.56	1225	2	0.01	1	470	1170	2.50	38	5	56
K270406		<10	<1	0.25	10	0.81	810	2	0.03	3	450	113	0.37	5	3	133
K270407		<10	<1	0.26	10	0.72	582	1	0.03	2	550	24	0.06	2	4	159
K270408		<10	1	0.28	10	0.70	994	2	0.02	3	520	432	1.06	11	4	94
K270409		<10	4	0.26	10	0.34	1475	20	0.01	1	390	>10000	9.62	180	2	29
K270410		10	1	0.14	20	0.72	529	3	0.08	2	630	44	0.24	<2	7	70
K270411		10	<1	0.13	10	0.79	600	1	0.11	3	600	70	0.76	3	6	82
K270412		10	<1	0.11	10	0.82	602	<1	0.10	1	610	13	0.68	2	6	87
K270413		<10	<1	0.27	20	0.60	1445	3	0.05	1	590	148	2.38	3	6	64
K270414		<10	1	0.29	10	0.20	1005	3	0.03	<1	470	>10000	7.79	210	1	16

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11164768

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K270379		<20	<0.01	<10	<10	14	<10	223	1		
K270380		<20	<0.01	<10	<10	6	<10	171	1		
K270381		<20	<0.01	<10	<10	8	<10	143	1		
K270382		<20	<0.01	<10	<10	27	<10	100	<1		
K270383		<20	<0.01	<10	<10	16	<10	77	<1		
K270384		<20	<0.01	<10	<10	25	<10	50	1		
K270385		<20	0.05	<10	<10	314	10	7450	31		
K270386		<20	0.01	<10	<10	33	<10	55	<1		
K270387		<20	0.01	<10	<10	39	<10	34	1		
K270388		<20	<0.01	<10	<10	21	<10	115	1		
K270389		<20	<0.01	<10	<10	19	<10	53	<1		
K270390		<20	<0.01	<10	<10	15	<10	41	1		
K270391		<20	<0.01	<10	<10	1	<10	15	1		
K270392		<20	<0.01	<10	<10	22	<10	33	<1		
K270393		<20	0.05	<10	<10	45	<10	29	<1		
K270394		<20	0.01	<10	<10	36	<10	31	<1		
K270395		<20	<0.01	<10	<10	31	<10	71	1		
K270396		<20	<0.01	<10	<10	33	<10	38	<1		
K270397		<20	<0.01	<10	<10	8	150	>10000	412	3.16	3.50
K270398		<20	<0.01	<10	<10	12	<10	43	1		
K270399		<20	<0.01	<10	<10	14	<10	55	1		
K270400		<20	<0.01	<10	<10	7	<10	293	1		
K270401		<20	<0.01	<10	10	8	<10	286	3		
K270402		<20	<0.01	<10	<10	8	<10	850	5		
K270403		<20	<0.01	<10	<10	10	<10	3110	17		
K270404		<20	<0.01	<10	<10	1	<10	29	1		
K270405		<20	<0.01	<10	<10	19	<10	1940	14		
K270406		<20	<0.01	<10	<10	18	<10	356	1		
K270407		<20	<0.01	<10	<10	20	<10	103	1		
K270408		<20	<0.01	<10	<10	15	<10	1010	4		
K270409		<20	<0.01	<10	<10	7	10	>10000	179	2.95	7.68
K270410		<20	0.02	<10	<10	50	<10	189	<1		
K270411		<20	0.05	<10	<10	49	<10	192	<1		
K270412		<20	0.04	<10	<10	51	<10	60	<1		
K270413		<20	<0.01	<10	<10	32	<10	312	2		
K270414		<20	<0.01	<10	<10	6	10	>10000	174	3.47	1.900

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11167808

Project: Klaza DDH 34

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- SEP- 2011
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Project: Klaza DDH 34

CERTIFICATE OF ANALYSIS WH11167808

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863099		10.09	<0.005	0.3	1.04	13	<10	300	<0.5	<2	1.02	<0.5	6	8	42	2.46
K863100		12.28	<0.005	0.4	0.81	27	<10	270	0.5	<2	1.52	<0.5	7	6	33	2.42
K863101		9.85	<0.005	0.3	1.08	14	<10	140	<0.5	<2	1.34	<0.5	7	10	20	2.47
K863102		4.63	0.052	1.4	0.91	30	<10	180	0.5	<2	1.68	<0.5	5	6	77	2.58
K863103		12.24	0.007	0.4	1.09	7	<10	240	<0.5	<2	1.76	<0.5	6	7	108	2.48
K863104		7.44	0.010	0.4	0.81	17	<10	360	0.7	<2	2.24	<0.5	5	5	137	2.45
K863105		0.13	1.480	32.6	4.94	146	<10	30	<0.5	7	4.55	32.2	82	55	7320	8.37
K863106		5.18	<0.005	<0.2	0.42	28	<10	1150	0.8	<2	1.62	<0.5	9	2	67	2.48
K863107		10.25	<0.005	<0.2	0.53	14	<10	960	0.6	<2	1.68	<0.5	6	3	17	2.10
K863108		9.04	0.086	8.4	0.40	109	<10	410	0.5	5	2.34	0.8	7	3	147	2.95
K863109		11.28	0.014	0.7	0.51	39	<10	440	0.6	<2	2.16	<0.5	9	3	45	3.52
K863110		1.82	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	20.4	<0.5	2	<1	1	0.42
K863111		10.42	<0.005	<0.2	1.16	4	<10	110	<0.5	<2	1.63	<0.5	4	7	18	2.73
K863112		6.90	0.040	12.0	0.66	102	<10	220	0.5	<2	2.32	5.6	6	5	114	2.73
K863113		6.41	<0.005	0.2	1.15	5	<10	140	<0.5	<2	1.59	<0.5	5	9	28	2.68
K863114		7.12	<0.005	<0.2	1.08	7	<10	220	<0.5	<2	1.63	<0.5	6	8	32	2.64
K863115		5.09	<0.005	<0.2	0.70	7	<10	710	0.6	3	1.85	<0.5	5	5	24	2.57
K863116		6.77	<0.005	<0.2	0.96	4	<10	180	<0.5	3	1.34	<0.5	4	7	19	2.53
K863117		3.05	<0.005	<0.2	0.98	5	<10	180	<0.5	3	1.32	<0.5	5	7	23	2.62
K863118		3.87	<0.005	<0.2	0.80	6	<10	270	0.6	2	1.67	<0.5	6	5	23	2.62
K863119		9.82	<0.005	1.9	1.01	3	<10	160	<0.5	2	1.25	<0.5	5	7	25	2.42
K863120		10.84	<0.005	<0.2	1.04	6	<10	350	<0.5	<2	1.69	<0.5	3	7	10	2.62
K863121		4.30	<0.005	0.3	0.61	18	<10	730	0.5	2	2.43	<0.5	4	6	11	2.45
K863122		11.02	<0.005	<0.2	0.85	6	<10	500	<0.5	<2	1.89	<0.5	3	7	14	2.61
K863123		11.17	0.007	0.9	0.64	27	<10	300	0.6	<2	2.18	10.2	3	5	18	2.63
K863124		0.10	1.450	32.7	4.81	144	<10	50	<0.5	13	4.50	32.5	83	55	6960	8.17
K863125		9.46	0.017	0.2	0.49	51	<10	110	0.5	3	1.85	<0.5	44	1	8	4.90
K863126		5.46	0.028	0.9	0.73	55	<10	250	0.6	3	4.02	<0.5	32	1	52	5.47
K863127		9.99	0.035	1.3	0.58	124	<10	1020	0.5	3	1.88	<0.5	5	4	528	2.93
K863128		10.70	0.037	1.4	0.55	176	<10	1000	0.5	2	1.62	<0.5	4	4	822	2.88
K863129		7.86	0.069	3.2	0.49	310	<10	510	0.6	3	1.50	<0.5	7	3	1105	2.57
K863130		8.43	0.126	5.3	0.54	552	<10	140	0.7	4	2.63	3.4	9	1	971	5.46
K863131		2.82	<0.005	<0.2	0.05	4	<10	20	<0.5	<2	21.5	<0.5	1	1	5	0.51
K863132		9.13	0.040	2.8	0.67	197	<10	260	0.5	4	2.07	0.8	10	4	871	2.98
K863133		6.56	0.176	7.0	0.48	1490	<10	160	0.6	3	1.83	25.2	4	3	833	2.78
K863134		5.88	0.029	2.4	0.54	252	<10	720	0.6	3	1.63	1.3	4	4	755	2.75

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CERTIFICATE OF ANALYSIS WH11167808

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863099		<10	<1	0.23	20	0.56	488	1	0.09	1	570	36	0.03	<2	4	41
K863100		<10	<1	0.21	20	0.50	633	1	0.06	2	580	19	0.10	3	5	48
K863101		<10	<1	0.17	20	0.69	441	1	0.08	1	610	16	0.04	<2	5	49
K863102		<10	<1	0.18	20	0.55	537	1	0.05	1	620	35	0.15	11	6	56
K863103		<10	<1	0.17	20	0.69	471	2	0.07	1	590	13	0.02	2	5	56
K863104		<10	<1	0.18	20	0.47	510	2	0.05	<1	560	17	0.04	9	7	145
K863105		10	1	0.23	<10	1.11	618	45	0.34	306	680	8260	7.20	28	4	78
K863106		<10	<1	0.24	20	0.53	636	<1	0.02	1	390	15	0.23	11	4	79
K863107		<10	<1	0.32	20	0.49	606	<1	0.02	2	550	11	0.25	3	4	68
K863108		<10	<1	0.35	10	0.75	1630	<1	0.02	1	520	2070	0.70	13	3	57
K863109		<10	<1	0.34	20	0.74	1755	1	0.02	1	590	21	0.55	4	4	70
K863110		<10	<1	0.03	<10	12.25	190	<1	0.03	1	330	5	0.01	<2	<1	54
K863111		<10	<1	0.17	20	0.67	591	<1	0.07	1	590	11	<0.01	<2	6	66
K863112		<10	<1	0.24	20	0.68	1235	<1	0.04	1	590	137	0.53	22	5	69
K863113		<10	<1	0.17	20	0.72	595	<1	0.07	1	590	11	0.01	<2	6	59
K863114		<10	<1	0.19	20	0.69	539	<1	0.07	1	590	9	0.04	<2	5	60
K863115		<10	<1	0.17	20	0.58	645	2	0.03	4	590	13	0.08	4	9	89
K863116		<10	<1	0.16	20	0.66	528	1	0.09	3	580	10	0.04	<2	6	70
K863117		<10	<1	0.17	20	0.65	520	1	0.09	2	560	13	0.05	<2	6	70
K863118		<10	<1	0.17	20	0.60	620	1	0.05	2	590	10	0.09	2	7	93
K863119		<10	<1	0.15	10	0.61	478	1	0.10	2	550	26	0.04	<2	5	59
K863120		<10	<1	0.19	20	0.71	646	1	0.07	2	570	11	0.04	<2	5	75
K863121		<10	<1	0.24	20	0.76	1210	1	0.05	2	540	30	0.19	<2	5	100
K863122		<10	<1	0.21	20	0.70	671	1	0.06	3	570	5	0.04	<2	5	91
K863123		<10	<1	0.29	20	0.61	3730	1	0.04	2	560	170	0.31	2	5	82
K863124		<10	1	0.23	<10	1.10	624	47	0.33	306	680	8240	6.78	29	4	78
K863125		<10	<1	0.30	10	0.77	2310	3	0.05	2	600	24	1.58	<2	3	47
K863126		<10	<1	0.21	10	0.99	1580	1	0.04	2	450	13	0.94	3	4	115
K863127		<10	<1	0.27	20	0.54	1110	1	0.05	2	600	9	0.24	15	4	86
K863128		<10	<1	0.24	20	0.38	665	<1	0.05	1	560	12	0.25	18	4	81
K863129		<10	3	0.30	20	0.52	1090	2	0.03	2	570	13	0.42	56	4	63
K863130		<10	1	0.33	10	0.95	3240	1	0.03	2	620	64	1.81	43	4	73
K863131		<10	<1	0.04	<10	13.00	241	<1	0.02	2	190	6	0.03	2	<1	53
K863132		<10	1	0.35	10	0.65	2060	2	0.04	2	570	23	0.74	43	4	60
K863133		<10	1	0.32	20	0.53	2390	3	0.03	2	520	405	1.26	52	4	69
K863134		<10	2	0.29	10	0.59	1410	5	0.03	1	540	61	0.33	61	5	87

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2011
Account: ROCKHA

Project: Klaza DDH 34

CERTIFICATE OF ANALYSIS WH11167808

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863099		<20	0.09	<10	<10	50	<10	45	<1
K863100		<20	0.05	<10	<10	39	<10	42	1
K863101		<20	0.08	<10	<10	50	<10	42	<1
K863102		<20	0.02	<10	<10	38	<10	43	2
K863103		<20	0.02	<10	<10	40	<10	46	<1
K863104		<20	<0.01	<10	<10	38	<10	54	1
K863105		<20	0.05	<10	<10	310	<10	7440	33
K863106		<20	<0.01	<10	10	19	<10	59	<1
K863107		<20	<0.01	<10	<10	20	<10	22	1
K863108		<20	<0.01	<10	<10	15	<10	98	8
K863109		<20	<0.01	<10	<10	21	<10	68	1
K863110		<20	<0.01	<10	<10	1	<10	15	<1
K863111		<20	0.03	<10	<10	46	<10	44	<1
K863112		20	0.01	<10	<10	28	<10	649	11
K863113		20	0.02	<10	<10	45	<10	44	<1
K863114		<20	0.04	<10	<10	43	<10	39	<1
K863115		<20	<0.01	<10	<10	40	<10	46	<1
K863116		<20	0.03	<10	<10	44	<10	39	<1
K863117		<20	0.02	<10	<10	43	<10	38	<1
K863118		<20	0.01	<10	<10	39	<10	39	<1
K863119		<20	0.06	<10	<10	44	<10	34	2
K863120		<20	0.02	<10	<10	42	<10	48	<1
K863121		<20	<0.01	<10	<10	29	<10	53	1
K863122		<20	0.01	<10	<10	37	<10	43	1
K863123		<20	<0.01	<10	<10	27	<10	1250	1
K863124		<20	0.05	<10	<10	305	10	7300	31
K863125		<20	<0.01	<10	<10	13	<10	82	1
K863126		<20	<0.01	<10	<10	33	<10	70	1
K863127		<20	<0.01	<10	<10	25	<10	65	2
K863128		<20	<0.01	<10	<10	25	<10	62	2
K863129		<20	<0.01	<10	<10	18	<10	78	4
K863130		<20	<0.01	<10	<10	13	<10	464	5
K863131		<20	<0.01	<10	20	2	<10	20	1
K863132		<20	<0.01	<10	<10	21	<10	135	4
K863133		<20	<0.01	<10	<10	17	<10	2770	6
K863134		<20	<0.01	<10	<10	25	<10	210	3

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11167809

Project: Klaza DDH 32

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza DDH 32

CERTIFICATE OF ANALYSIS WH11167809

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269855		7.55	<0.005	8.1	0.53	23	<10	790	0.8	<2	3.23	4.5	4	3	7	2.63
K269856		4.74	<0.005	0.8	1.04	12	<10	140	0.9	3	2.18	5.2	5	4	6	2.78
K269857		7.84	0.010	3.9	0.67	48	<10	270	0.8	<2	2.39	19.7	5	4	15	2.74
K269858		7.24	0.046	1.9	0.61	613	<10	230	0.7	3	1.91	1.9	4	4	11	2.88
K269859		7.79	0.021	0.7	0.92	11	<10	290	<0.5	3	2.12	<0.5	5	8	16	2.61
K269860		0.09	1.380	32.5	4.84	154	<10	30	<0.5	14	4.61	32.1	89	58	7180	8.40
K269861		13.43	<0.005	0.2	1.19	5	<10	140	<0.5	2	1.35	<0.5	6	10	25	2.70
K269862		9.19	<0.005	0.2	1.19	5	<10	200	<0.5	3	1.42	<0.5	4	9	8	2.44
K269863		9.98	<0.005	<0.2	1.13	6	<10	130	<0.5	2	1.15	<0.5	5	9	7	2.49
K269864		11.02	<0.005	0.4	1.01	7	<10	360	0.5	<2	2.13	<0.5	8	8	48	2.70
K269865		5.78	<0.005	0.2	1.08	7	<10	210	<0.5	2	1.62	<0.5	6	11	11	2.60
K269866		2.25	<0.005	0.2	1.14	5	<10	210	<0.5	2	1.78	<0.5	5	8	9	2.57
K269867		5.06	0.021	1.0	0.50	54	<10	80	<0.5	5	3.04	<0.5	29	4	3	2.86
K269868		4.31	0.173	3.4	0.45	220	<10	30	<0.5	5	2.62	1.9	90	5	4	5.54
K269869		5.86	0.046	1.7	0.42	37	<10	60	<0.5	3	3.08	0.6	17	4	4	3.88
K269870		5.26	0.196	4.0	0.40	94	<10	20	<0.5	6	1.15	<0.5	31	6	6	9.91
K269871		2.56	<0.005	0.3	0.05	4	<10	20	<0.5	<2	18.5	<0.5	2	<1	2	0.46
K269872		5.29	0.032	0.7	0.71	22	<10	310	0.5	2	2.84	<0.5	9	5	16	3.03
K269873		10.12	<0.005	0.3	1.04	7	<10	270	<0.5	2	1.67	<0.5	6	13	36	2.57
K269874		13.38	<0.005	<0.2	1.20	4	<10	200	<0.5	2	1.25	<0.5	5	10	10	2.53
K269875		4.32	<0.005	0.4	1.04	8	<10	420	<0.5	2	1.82	<0.5	6	8	7	2.74
K269876		13.06	0.006	0.2	1.35	7	<10	200	<0.5	2	1.36	<0.5	6	10	21	2.66
K269877		13.13	<0.005	0.2	1.22	4	<10	180	<0.5	2	1.36	<0.5	4	10	3	2.51
K269878		12.67	<0.005	<0.2	1.28	5	<10	170	<0.5	2	1.35	<0.5	5	9	3	2.47
K269879		11.58	<0.005	<0.2	1.27	5	<10	170	<0.5	2	1.26	<0.5	6	10	6	2.51
K269880		0.08	1.370	33.4	4.88	155	<10	40	<0.5	12	4.69	33.0	85	58	7180	8.62
K269881		12.22	<0.005	0.2	1.30	7	<10	140	<0.5	<2	1.37	<0.5	6	9	19	2.44
K269882		12.21	<0.005	<0.2	1.25	7	<10	140	<0.5	<2	1.32	<0.5	7	10	10	2.51
K269883		12.23	<0.005	<0.2	1.33	5	<10	230	<0.5	<2	1.72	<0.5	6	9	4	2.67
K269884		13.67	<0.005	<0.2	1.18	4	<10	220	<0.5	<2	1.74	<0.5	6	9	4	2.63
K269885		4.93	<0.005	<0.2	1.23	4	<10	210	<0.5	2	1.66	<0.5	6	9	4	2.60
K269886		5.94	<0.005	0.2	0.93	5	<10	280	0.5	3	3.36	<0.5	7	5	2	2.44
K269887		1.53	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	18.6	<0.5	1	1	5	0.47
K269888		5.69	<0.005	<0.2	1.28	4	<10	340	<0.5	<2	2.36	<0.5	7	8	2	2.63
K269889		7.20	<0.005	<0.2	1.24	3	<10	190	<0.5	<2	1.57	<0.5	4	8	3	2.66

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza DDH 32

CERTIFICATE OF ANALYSIS WH11167809

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269855		<10	<1	0.24	20	0.99	1030	1	0.03	<1	550	1055	0.33	6	7	188
K269856		<10	<1	0.24	20	0.59	680	2	0.03	2	590	131	0.23	3	9	138
K269857		<10	<1	0.30	20	0.77	1490	1	0.03	1	570	542	0.53	4	7	126
K269858		<10	<1	0.28	20	0.59	1525	<1	0.02	1	600	74	0.97	8	5	90
K269859		<10	<1	0.21	20	0.67	705	1	0.08	1	590	24	0.17	3	6	108
K269860		10	1	0.24	10	1.14	633	46	0.35	306	690	8200	7.17	28	4	78
K269861		10	<1	0.15	20	0.72	488	1	0.11	2	620	19	0.08	<2	5	69
K269862		10	<1	0.15	20	0.64	427	1	0.10	1	560	11	0.09	<2	4	75
K269863		10	<1	0.14	20	0.64	401	1	0.10	1	590	9	0.08	<2	4	66
K269864		<10	<1	0.22	20	0.71	588	1	0.09	1	620	9	0.26	<2	7	123
K269865		<10	<1	0.20	20	0.64	497	1	0.10	1	600	9	0.29	2	5	84
K269866		<10	<1	0.22	20	0.66	534	1	0.10	1	620	10	0.28	2	6	93
K269867		<10	<1	0.30	10	0.68	1235	5	0.03	1	610	28	1.55	<2	4	161
K269868		<10	<1	0.36	<10	0.63	1990	14	0.03	2	500	85	5.27	2	2	84
K269869		<10	<1	0.31	10	0.80	2120	1	0.03	2	530	35	2.63	2	3	130
K269870		<10	<1	0.28	<10	0.52	1335	8	0.03	1	390	44	9.45	3	1	46
K269871		<10	<1	0.03	<10	11.70	203	<1	0.03	1	180	3	0.04	2	<1	48
K269872		<10	1	0.33	10	0.82	1195	1	0.05	1	610	14	1.13	2	6	186
K269873		<10	<1	0.19	20	0.70	510	1	0.10	3	590	8	0.19	2	5	89
K269874		10	<1	0.15	20	0.63	400	1	0.11	1	580	8	0.06	<2	4	75
K269875		<10	<1	0.20	20	0.72	933	1	0.09	2	600	37	0.20	<2	5	91
K269876		10	<1	0.19	20	0.68	449	1	0.13	2	600	8	0.25	<2	5	74
K269877		10	<1	0.15	20	0.68	429	1	0.09	1	600	9	0.04	<2	4	73
K269878		10	<1	0.16	20	0.62	411	1	0.11	1	570	8	0.03	<2	4	82
K269879		10	<1	0.15	20	0.60	374	1	0.12	2	590	8	0.03	<2	4	72
K269880		10	1	0.24	10	1.15	645	45	0.36	307	680	8350	7.30	29	4	80
K269881		10	<1	0.14	20	0.61	391	1	0.12	1	600	16	0.04	<2	4	66
K269882		10	<1	0.14	20	0.62	381	1	0.10	2	600	9	0.07	<2	4	59
K269883		10	<1	0.20	20	0.71	539	<1	0.11	1	610	8	0.05	<2	5	79
K269884		10	<1	0.16	20	0.69	502	<1	0.09	1	590	7	0.03	2	5	87
K269885		10	<1	0.19	20	0.70	479	<1	0.11	2	590	6	0.04	<2	6	94
K269886		<10	<1	0.21	20	0.60	772	<1	0.05	1	570	6	0.20	<2	5	149
K269887		<10	<1	0.04	<10	11.75	202	<1	<0.01	2	180	3	0.02	<2	<1	45
K269888		10	<1	0.19	20	0.82	615	<1	0.04	1	580	4	0.09	<2	5	64
K269889		10	<1	0.16	20	0.79	519	<1	0.05	1	590	6	0.02	<2	5	67

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza DDH 32

CERTIFICATE OF ANALYSIS WH11167809

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269855		<20	<0.01	<10	<10	27	<10	288	8
K269856		<20	<0.01	<10	<10	33	<10	298	1
K269857		<20	<0.01	<10	<10	24	<10	1140	3
K269858		<20	<0.01	<10	<10	22	<10	223	2
K269859		<20	0.02	<10	<10	42	<10	56	<1
K269860		<20	0.06	<10	<10	320	<10	7730	31
K269861		<20	0.10	<10	<10	57	<10	63	<1
K269862		<20	0.09	<10	<10	48	<10	41	<1
K269863		<20	0.12	<10	<10	53	<10	34	<1
K269864		<20	0.02	<10	<10	44	<10	38	1
K269865		<20	0.07	<10	<10	50	<10	38	<1
K269866		<20	0.06	<10	<10	50	<10	41	<1
K269867		<20	<0.01	<10	<10	18	<10	57	1
K269868		<20	<0.01	<10	<10	10	<10	170	3
K269869		<20	<0.01	<10	<10	16	<10	77	1
K269870		<20	<0.01	<10	<10	17	<10	80	4
K269871		<20	<0.01	<10	<10	2	<10	15	<1
K269872		<20	<0.01	<10	<10	29	<10	47	2
K269873		<20	0.05	<10	<10	47	<10	40	<1
K269874		<20	0.11	<10	<10	50	<10	33	<1
K269875		<20	0.06	<10	<10	45	<10	61	<1
K269876		<20	0.11	<10	<10	54	<10	40	<1
K269877		<20	0.10	<10	<10	51	<10	38	<1
K269878		<20	0.11	<10	<10	50	<10	35	<1
K269879		<20	0.14	<10	<10	54	<10	33	<1
K269880		<20	0.06	<10	<10	320	<10	7750	31
K269881		<20	0.13	<10	<10	52	<10	50	<1
K269882		<20	0.12	<10	<10	52	<10	34	<1
K269883		<20	0.10	<10	<10	55	<10	41	<1
K269884		<20	0.06	<10	<10	50	<10	38	<1
K269885		<20	0.05	<10	<10	50	<10	38	<1
K269886		<20	<0.01	<10	<10	31	<10	38	<1
K269887		<20	<0.01	<10	<10	<1	<10	18	1
K269888		<20	0.02	<10	<10	43	<10	46	1
K269889		<20	0.05	<10	<10	47	<10	47	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11168980

Project: Klaza - DDH - 32

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 32

CERTIFICATE OF ANALYSIS WH11168980

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269783		3.89	0.675	>100	0.47	1320	<10	40	0.6	32	1.89	8.5	7	5	2310	4.55
K269784		3.03	<0.005	0.7	0.05	6	<10	20	<0.5	<2	19.0	<0.5	1	1	8	0.39
K269785		6.28	0.005	0.5	0.91	27	<10	390	0.5	<2	1.59	<0.5	6	9	16	2.62
K269786		4.20	<0.005	0.3	1.15	7	<10	500	<0.5	<2	1.21	<0.5	6	10	12	2.59
K269787		9.17	<0.005	0.2	1.25	10	<10	350	<0.5	<2	1.46	<0.5	6	10	12	2.59
K269788		9.20	<0.005	0.3	0.91	9	<10	350	<0.5	<2	1.46	<0.5	5	9	9	2.52
K269789		5.80	<0.005	<0.2	1.05	5	<10	500	0.6	<2	1.33	<0.5	6	8	11	2.88
K269790		6.59	<0.005	0.3	0.93	13	<10	530	0.5	<2	1.67	<0.5	6	9	11	2.58
K269791		9.57	<0.005	0.2	1.06	8	<10	420	0.6	<2	1.15	<0.5	6	8	13	2.91
K269792		10.34	<0.005	0.2	1.11	8	<10	400	0.6	<2	1.79	<0.5	6	7	13	2.80
K269793		2.75	<0.005	0.3	1.14	9	<10	670	1.1	<2	2.43	0.5	6	8	14	2.89
K269794		0.17	3.35	>100	0.17	>10000	<10	20	<0.5	<2	0.40	321	1	8	1595	13.4
K269795		6.72	<0.005	0.5	0.94	5	<10	1450	0.6	<2	1.32	<0.5	6	6	46	2.64
K269796		10.32	0.021	0.4	0.98	14	<10	1190	0.6	<2	1.89	<0.5	6	8	19	2.68
K269797		7.70	<0.005	<0.2	0.85	7	<10	470	0.6	<2	1.44	<0.5	10	5	8	2.78
K269798		3.38	0.157	2.3	0.37	83	<10	40	0.5	<2	2.02	7.7	6	6	18	2.56
K269799		2.50	<0.005	<0.2	0.06	<2	<10	30	<0.5	<2	19.3	<0.5	<1	1	2	0.39
K269800		5.90	0.009	0.4	0.51	58	<10	770	0.8	<2	1.91	<0.5	5	4	8	2.11
K269801		6.68	0.011	0.7	0.46	70	<10	370	0.7	<2	2.12	<0.5	6	5	29	2.18
K269802		5.38	<0.005	0.2	1.22	11	<10	320	0.7	<2	1.37	<0.5	5	7	15	2.66
K269803		4.02	0.005	0.4	1.14	24	<10	900	0.7	<2	1.56	<0.5	6	8	14	2.68
K269804		7.61	<0.005	<0.2	1.03	6	<10	460	1.1	<2	3.14	<0.5	5	4	3	2.10
K269805		0.12	1.530	34.1	4.80	148	<10	50	<0.5	6	4.53	32.5	83	55	7280	8.27
K269806		7.76	<0.005	<0.2	0.85	6	<10	410	1.1	<2	3.67	<0.5	5	4	9	1.96
K269807		9.39	<0.005	<0.2	0.96	6	<10	540	1.0	<2	2.62	<0.5	5	4	5	2.04
K269808		10.31	<0.005	0.2	1.04	18	<10	620	0.6	<2	1.20	0.5	7	6	13	2.66
K269809		4.23	<0.005	0.2	1.08	31	<10	470	0.6	<2	1.63	<0.5	7	5	23	3.08
K269810		5.80	<0.005	0.2	1.20	11	<10	310	0.6	<2	1.26	<0.5	5	8	12	2.57
K269811		2.74	0.011	0.4	0.58	47	<10	700	0.8	<2	3.27	<0.5	8	5	7	2.50
K269812		8.99	<0.005	<0.2	1.14	5	<10	320	0.5	<2	1.42	<0.5	5	9	22	2.62
K269813		9.26	0.099	1.4	1.06	57	<10	650	0.6	<2	1.40	1.0	7	6	123	2.89
K269814		3.70	4.20	18.7	0.40	9070	<10	40	0.5	11	0.76	74.6	8	5	267	6.13
K269815		5.88	0.062	1.8	0.91	93	<10	360	0.7	<2	1.91	2.7	6	6	38	3.35
K269816		5.03	0.020	0.2	1.19	40	<10	390	<0.5	<2	1.36	0.5	6	9	18	2.81
K269817		2.57	0.006	0.2	1.20	54	<10	330	<0.5	<2	1.36	<0.5	6	8	13	2.73
K269818		4.68	<0.005	<0.2	1.44	12	<10	310	0.6	<2	1.25	<0.5	6	8	19	2.68

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 32

CERTIFICATE OF ANALYSIS WH11168980

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269783		<10	<1	0.33	10	0.48	2950	2	<0.01	1	470	968	4.07	151	3	43
K269784		<10	<1	0.03	<10	11.60	191	<1	<0.01	<1	250	73	0.02	2	<1	50
K269785		<10	<1	0.29	20	0.62	807	1	0.05	1	570	21	0.15	2	6	63
K269786		<10	<1	0.31	20	0.65	435	1	0.11	1	570	34	0.03	<2	5	60
K269787		<10	<1	0.27	20	0.63	508	1	0.12	1	560	12	0.06	<2	5	66
K269788		<10	<1	0.20	20	0.56	626	1	0.05	1	560	32	0.10	<2	5	53
K269789		<10	<1	0.21	30	0.37	711	1	0.01	1	620	8	0.02	3	10	48
K269790		<10	<1	0.28	20	0.54	600	1	0.07	1	640	16	0.09	2	5	65
K269791		<10	<1	0.20	30	0.37	654	1	0.01	1	620	12	0.03	5	10	48
K269792		<10	<1	0.19	30	0.45	605	1	0.02	1	590	13	0.06	2	8	73
K269793		<10	<1	0.35	30	0.85	1170	<1	0.01	1	1050	35	0.08	3	6	106
K269794		<10	1	0.07	<10	0.17	1420	<1	<0.01	9	140	>10000	>10.0	530	1	18
K269795		<10	1	0.17	30	0.53	743	1	0.03	<1	640	9	0.10	2	9	53
K269796		<10	<1	0.27	20	0.63	892	2	0.07	1	570	16	0.22	4	7	87
K269797		<10	<1	0.25	30	0.53	842	1	<0.01	1	580	6	0.23	2	7	40
K269798		<10	<1	0.24	10	0.58	1520	4	<0.01	2	320	58	1.79	16	3	63
K269799		<10	<1	0.03	<10	11.85	187	<1	<0.01	<1	320	2	0.01	<2	<1	53
K269800		<10	<1	0.27	10	0.60	870	1	<0.01	1	410	19	0.45	4	5	81
K269801		<10	<1	0.29	20	0.59	1730	3	<0.01	1	450	28	0.71	8	4	63
K269802		<10	<1	0.25	20	0.55	563	1	0.03	1	580	23	0.17	3	7	66
K269803		<10	<1	0.24	30	0.53	695	1	<0.01	1	620	27	0.13	2	9	80
K269804		<10	<1	0.36	10	0.90	639	<1	<0.01	1	670	12	0.05	<2	4	259
K269805		10	1	0.23	<10	1.12	618	46	0.32	303	670	8060	7.26	25	4	75
K269806		<10	<1	0.36	10	0.89	530	<1	0.01	2	620	18	0.02	<2	4	358
K269807		<10	<1	0.34	10	0.82	637	<1	<0.01	1	650	11	0.04	2	4	272
K269808		<10	<1	0.21	30	0.50	762	1	<0.01	1	630	15	0.10	2	9	56
K269809		<10	<1	0.21	30	0.65	818	1	<0.01	1	630	25	0.08	3	9	71
K269810		<10	<1	0.27	20	0.57	529	1	0.05	1	590	10	0.06	3	6	66
K269811		<10	<1	0.31	20	0.89	1330	1	0.01	1	510	12	0.46	2	4	128
K269812		<10	<1	0.24	20	0.59	506	1	0.07	1	610	10	0.03	2	6	75
K269813		<10	<1	0.25	20	0.50	999	1	0.01	1	600	26	0.38	9	8	59
K269814		<10	<1	0.33	10	0.17	1745	7	<0.01	<1	470	2120	6.74	46	1	22
K269815		<10	<1	0.33	20	0.53	1660	1	0.02	1	570	178	0.88	4	6	74
K269816		<10	1	0.27	20	0.67	540	2	0.11	4	610	48	0.15	2	6	71
K269817		10	<1	0.25	20	0.69	530	1	0.10	2	630	55	0.08	<2	6	71
K269818		<10	<1	0.22	30	0.66	478	1	0.02	1	640	15	0.07	<2	8	66

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 32

CERTIFICATE OF ANALYSIS WH11168980

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001	Zn- OG46 Zn % 0.001
K269783		<20	<0.01	<10	<10	9	<10	960	98		
K269784		<20	<0.01	<10	<10	<1	<10	32	2		
K269785		<20	0.05	<10	<10	42	<10	56	<1		
K269786		<20	0.11	<10	<10	54	<10	44	1		
K269787		<20	0.09	<10	<10	50	<10	39	1		
K269788		<20	0.06	<10	<10	46	<10	61	<1		
K269789		20	0.03	<10	<10	51	<10	48	<1		
K269790		<20	0.06	<10	<10	43	<10	42	1		
K269791		<20	0.02	<10	<10	50	<10	54	1		
K269792		<20	0.02	<10	<10	44	<10	54	1		
K269793		<20	0.02	<10	<10	31	<10	105	<1		
K269794		<20	<0.01	<10	<10	7	140	>10000	408	3.17	3.57
K269795		20	0.01	<10	<10	38	<10	50	1		
K269796		20	0.02	<10	<10	39	<10	64	<1		
K269797		<20	0.01	<10	<10	33	<10	43	<1		
K269798		<20	<0.01	<10	10	8	<10	730	3		
K269799		<20	<0.01	<10	<10	<1	<10	18	1		
K269800		<20	<0.01	<10	10	19	<10	39	1		
K269801		<20	<0.01	<10	10	12	<10	57	1		
K269802		<20	0.02	<10	<10	41	<10	53	1		
K269803		<20	0.01	<10	<10	39	<10	68	1		
K269804		<20	<0.01	<10	<10	36	<10	38	1		
K269805		<20	0.05	<10	10	310	<10	7270	32		
K269806		<20	<0.01	<10	<10	34	<10	42	1		
K269807		<20	<0.01	<10	<10	33	<10	41	<1		
K269808		<20	0.01	<10	<10	40	<10	64	1		
K269809		<20	0.01	<10	<10	42	<10	66	1		
K269810		<20	0.07	<10	<10	46	<10	47	1		
K269811		<20	<0.01	<10	<10	16	<10	41	1		
K269812		<20	0.08	<10	<10	50	<10	46	<1		
K269813		<20	0.01	<10	<10	38	<10	104	2		
K269814		<20	<0.01	<10	<10	6	<10	8630	16		
K269815		<20	0.01	<10	<10	29	<10	359	4		
K269816		<20	0.07	<10	<10	51	<10	89	1		
K269817		<20	0.07	<10	<10	52	<10	79	1		
K269818		20	0.03	<10	<10	42	<10	51	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11168981

Project: Klaza - DDH- 31

P.O. No.: Batch 6

This report is for 18 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11168981

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K270361		12.44	0.009	0.6	2.07	21	<10	360	<0.5	<2	3.14	<0.5	8	9	6	3.73
K270362		10.15	0.005	<0.2	2.07	9	<10	290	<0.5	<2	2.53	<0.5	6	8	3	3.47
K270363		9.33	<0.005	<0.2	1.89	16	<10	240	<0.5	<2	1.68	1.0	9	6	10	3.89
K270364		7.11	<0.005	<0.2	1.91	9	<10	130	<0.5	<2	1.46	<0.5	7	7	2	3.59
K270365		0.09	1.440	31.7	4.70	144	<10	50	<0.5	10	4.34	30.9	84	54	6930	7.95
K270366		12.24	0.010	0.3	0.44	14	<10	360	<0.5	2	4.12	0.7	6	3	4	1.73
K270367		11.34	0.005	<0.2	1.93	12	<10	80	0.6	<2	3.11	<0.5	6	6	6	4.01
K270368		11.06	0.006	0.2	1.83	8	<10	190	0.6	<2	2.84	1.0	4	7	9	3.58
K270369		8.34	<0.005	<0.2	1.55	7	<10	200	0.6	<2	1.98	<0.5	3	9	4	3.31
K270370		4.48	<0.005	<0.2	0.81	5	<10	80	0.5	<2	4.34	<0.5	4	5	11	1.61
K270371		11.39	0.132	0.2	2.18	8	<10	580	0.6	<2	3.06	0.7	8	31	10	3.74
K270372		1.48	<0.005	<0.2	0.04	3	<10	10	<0.5	<2	18.8	<0.5	1	<1	3	0.37
K270373		11.14	<0.005	<0.2	1.75	11	<10	300	<0.5	<2	2.16	<0.5	4	33	2	2.73
K270374		12.05	<0.005	<0.2	1.40	5	<10	90	<0.5	<2	1.81	<0.5	5	13	6	2.96
K270375		8.77	0.023	0.4	1.00	27	<10	400	0.7	<2	3.79	1.6	4	5	9	2.79
K270376		5.54	0.008	0.4	1.19	12	<10	270	0.7	<2	3.17	<0.5	5	5	3	3.04
K270377		11.88	<0.005	<0.2	0.56	4	<10	420	<0.5	<2	3.44	<0.5	4	3	1	2.30
K270378		12.48	0.017	0.3	0.53	13	<10	250	<0.5	<2	3.87	0.6	4	3	2	2.61

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Project: Klaza - DDH- 31

CERTIFICATE OF ANALYSIS WH11168981

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270361		10	<1	0.12	10	1.61	685	1	0.08	<1	840	21	0.53	<2	7	167
K270362		10	<1	0.10	10	1.67	611	<1	0.09	<1	900	7	0.49	<2	6	132
K270363		10	<1	0.17	10	0.95	475	<1	0.20	<1	830	7	0.44	<2	3	156
K270364		10	1	0.24	10	0.95	432	<1	0.21	<1	820	3	0.04	<2	3	137
K270365		10	1	0.22	<10	1.09	595	46	0.32	315	640	8080	6.57	23	4	73
K270366		<10	<1	0.27	10	0.52	1180	<1	0.02	<1	510	32	0.99	<2	3	152
K270367		10	<1	0.13	10	1.16	750	<1	0.06	<1	830	11	0.24	<2	6	291
K270368		10	1	0.15	20	0.90	597	<1	0.05	1	860	18	0.29	<2	5	269
K270369		10	<1	0.09	20	0.71	488	<1	0.09	1	800	14	0.16	<2	5	222
K270370		<10	<1	0.16	30	0.55	694	<1	0.03	1	660	12	0.28	<2	5	194
K270371		10	<1	0.20	20	1.43	827	<1	0.07	2	1000	20	0.40	<2	11	437
K270372		<10	<1	0.02	<10	11.45	183	<1	0.02	<1	170	<2	0.02	<2	<1	51
K270373		10	<1	0.08	20	1.78	641	4	0.06	2	860	11	0.24	<2	8	131
K270374		10	<1	0.10	10	1.07	511	<1	0.10	1	750	24	0.14	<2	5	153
K270375		<10	<1	0.23	20	0.90	1110	3	0.03	1	720	90	0.39	<2	5	199
K270376		<10	<1	0.25	20	1.06	787	1	0.04	1	740	12	0.78	<2	6	170
K270377		<10	<1	0.30	20	0.99	906	<1	0.03	1	710	9	0.75	<2	5	104
K270378		<10	1	0.35	20	1.03	1385	<1	0.02	2	680	19	1.04	<2	5	110

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 31

CERTIFICATE OF ANALYSIS WH11168981

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K270361		<20	0.10	<10	<10	87	<10	70	2
K270362		<20	0.14	<10	<10	81	<10	59	1
K270363		<20	0.14	<10	<10	67	<10	146	1
K270364		<20	0.15	<10	<10	74	<10	42	<1
K270365		<20	0.05	<10	<10	293	<10	7550	30
K270366		<20	<0.01	<10	<10	8	<10	74	1
K270367		<20	0.01	<10	<10	70	<10	80	<1
K270368		<20	0.01	<10	<10	56	<10	145	1
K270369		<20	0.03	<10	<10	58	<10	55	<1
K270370		<20	<0.01	<10	<10	26	<10	40	<1
K270371		<20	0.06	<10	<10	107	<10	141	1
K270372		<20	<0.01	<10	<10	1	<10	14	<1
K270373		<20	0.11	<10	<10	87	<10	66	1
K270374		<20	0.06	<10	<10	66	<10	53	<1
K270375		<20	<0.01	<10	<10	35	<10	138	2
K270376		<20	<0.01	<10	<10	40	<10	61	1
K270377		<20	<0.01	<10	<10	25	<10	60	1
K270378		<20	<0.01	<10	<10	20	<10	79	<1

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Finalized Date: 29- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11168982

Project: Klaza- DDH- 32

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 32

CERTIFICATE OF ANALYSIS WH11168982

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269819		2.73	0.010	1.3	0.74	46	<10	540	0.7	<2	1.15	4.8	6	5	21	2.51
K269820		2.80	2.47	11.7	0.45	5880	<10	30	0.7	3	0.81	42.9	9	3	44	4.38
K269821		5.49	<0.005	<0.2	0.66	25	<10	1350	0.7	<2	1.17	<0.5	5	5	7	1.94
K269822		6.83	<0.005	<0.2	0.78	13	<10	470	0.7	2	1.25	<0.5	4	6	14	1.95
K269823		0.12	1.425	31.0	4.78	147	<10	40	<0.5	8	4.44	31.7	82	55	6930	7.88
K269824		8.98	<0.005	<0.2	0.84	8	<10	480	0.8	<2	1.20	<0.5	4	5	26	1.86
K269825		10.55	<0.005	<0.2	0.81	48	<10	520	0.9	<2	2.37	<0.5	3	4	6	2.06
K269826		5.13	0.010	0.2	1.31	27	<10	580	1.1	<2	2.61	<0.5	6	4	7	3.13
K269827		4.69	0.009	0.4	0.72	27	<10	910	0.6	<2	2.18	0.8	5	5	25	2.21
K269828		9.18	<0.005	<0.2	1.11	7	<10	350	<0.5	<2	1.34	<0.5	5	10	7	2.45
K269829		0.11	1.495	31.0	4.86	145	<10	40	<0.5	5	4.48	31.7	85	55	7000	7.94
K269830		9.03	<0.005	<0.2	1.08	10	<10	530	<0.5	<2	1.45	<0.5	5	9	39	2.42
K269831		5.65	<0.005	0.2	0.71	22	<10	460	0.7	<2	2.14	<0.5	6	5	10	2.33
K269832		4.23	<0.005	<0.2	0.99	7	<10	600	<0.5	<2	1.39	<0.5	5	9	10	2.49
K269833		9.57	<0.005	<0.2	0.78	7	<10	460	0.6	<2	2.00	<0.5	6	6	10	2.43
K269834		6.72	<0.005	<0.2	0.82	8	<10	480	0.9	<2	3.00	<0.5	3	9	7	1.64
K269835		5.92	<0.005	<0.2	0.86	8	<10	1010	0.9	<2	2.90	<0.5	4	9	4	1.76
K269836		11.63	<0.005	<0.2	0.84	15	<10	670	0.8	<2	2.46	<0.5	4	4	12	2.40
K269837		12.27	0.099	4.9	0.63	148	<10	90	0.9	<2	1.84	9.5	7	4	20	2.68
K269838		3.00	<0.005	<0.2	0.07	4	<10	20	<0.5	<2	18.4	<0.5	<1	1	1	0.38
K269839		12.07	<0.005	0.2	0.77	24	<10	1830	1.0	<2	2.22	0.8	4	8	7	1.71
K269840		3.70	0.012	1.3	0.79	61	<10	250	0.9	<2	1.35	0.8	16	3	10	2.42
K269841		4.74	0.006	0.6	1.14	8	<10	880	0.9	<2	1.85	<0.5	4	5	2	2.71
K269842		2.13	0.005	0.2	1.14	7	<10	970	1.0	<2	1.78	<0.5	4	5	3	2.74
K269843		8.00	0.271	4.4	0.75	137	<10	220	0.7	<2	1.98	19.7	4	6	51	2.53
K269844		5.52	<0.005	<0.2	1.46	10	<10	340	0.6	<2	3.15	<0.5	3	5	5	2.69
K269845		9.72	0.030	0.2	0.98	12	<10	340	0.5	<2	1.81	<0.5	3	5	8	2.49
K269846		3.01	0.020	0.7	0.81	30	<10	220	0.7	<2	2.80	5.4	4	2	2	5.42
K269847		2.46	<0.005	<0.2	0.09	2	<10	20	<0.5	<2	18.6	<0.5	1	2	1	0.44
K269848		9.38	<0.005	0.5	0.64	13	<10	560	0.8	<2	2.39	2.0	7	5	7	2.74
K269849		8.09	0.006	0.2	0.60	17	<10	1000	0.7	<2	2.89	<0.5	4	4	14	2.42
K269850		6.03	0.611	21.6	0.56	3170	<10	60	0.6	<2	1.90	26.6	4	4	128	3.40
K269851		7.68	0.012	0.2	0.70	79	<10	400	0.8	<2	3.06	<0.5	3	5	4	2.75
K269852		6.69	0.174	2.3	0.56	1510	<10	230	0.8	2	2.07	9.9	6	5	15	3.08
K269853		10.27	<0.005	<0.2	0.93	14	<10	350	0.6	2	2.26	<0.5	5	6	5	2.56
K269854		10.40	0.020	0.4	0.53	82	<10	700	0.7	<2	4.72	2.3	5	4	12	2.55

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Finalized Date: 29- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 32

CERTIFICATE OF ANALYSIS WH11168982

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269819		<10	<1	0.21	20	0.43	1250	1	0.01	1	610	154	0.37	5	8	57
K269820		<10	1	0.27	10	0.29	2530	2	0.01	2	460	1330	3.33	38	3	45
K269821		<10	1	0.23	10	0.57	680	<1	0.01	2	800	20	0.09	2	4	104
K269822		<10	<1	0.24	10	0.53	558	<1	0.01	2	800	22	0.05	<2	4	86
K269823		10	1	0.23	10	1.11	610	41	0.32	293	660	7920	7.14	27	4	77
K269824		<10	<1	0.26	10	0.53	631	<1	0.01	3	720	15	0.05	<2	3	98
K269825		<10	<1	0.31	20	0.66	897	<1	0.02	1	550	12	0.29	2	6	118
K269826		<10	<1	0.28	30	0.82	1175	<1	0.02	<1	550	21	0.26	2	7	120
K269827		<10	<1	0.28	20	0.59	1330	<1	0.03	1	540	22	0.26	3	5	103
K269828		<10	<1	0.25	20	0.65	508	<1	0.10	1	560	7	0.06	<2	6	77
K269829		10	1	0.23	10	1.13	618	44	0.33	294	680	7960	7.26	26	4	78
K269830		<10	<1	0.26	20	0.59	519	<1	0.08	2	570	18	0.06	2	6	92
K269831		<10	<1	0.26	20	0.56	813	5	0.05	<1	540	37	0.15	2	7	144
K269832		<10	<1	0.32	20	0.57	506	4	0.10	1	570	10	0.03	<2	7	111
K269833		<10	<1	0.25	20	0.59	559	<1	0.07	<1	590	8	0.04	<2	8	216
K269834		<10	<1	0.32	10	0.70	444	<1	0.02	9	590	11	0.04	<2	5	360
K269835		<10	<1	0.33	20	0.79	538	<1	0.02	6	670	8	0.06	2	5	277
K269836		<10	<1	0.27	20	0.73	859	<1	0.02	1	590	17	0.14	<2	8	222
K269837		<10	1	0.29	20	0.59	1740	2	0.01	2	520	293	1.10	6	6	140
K269838		<10	<1	0.03	<10	11.35	187	<1	0.02	1	270	<2	0.03	<2	<1	53
K269839		<10	<1	0.28	10	0.73	764	<1	0.02	6	550	13	0.13	2	5	207
K269840		<10	<1	0.35	20	0.55	740	6	0.02	3	530	53	0.40	3	6	136
K269841		<10	<1	0.38	20	0.72	664	1	0.03	2	560	10	0.05	<2	7	189
K269842		<10	<1	0.40	20	0.73	689	1	0.04	2	560	8	0.05	2	7	171
K269843		<10	<1	0.29	20	0.54	1555	2	0.02	3	610	945	1.08	2	6	157
K269844		<10	<1	0.19	20	0.62	534	2	0.02	1	610	24	0.22	<2	6	205
K269845		<10	<1	0.20	20	0.60	727	1	0.01	1	630	20	0.16	<2	7	129
K269846		<10	1	0.40	10	1.34	1950	2	0.02	2	1190	64	1.02	<2	6	115
K269847		<10	<1	0.04	<10	11.45	206	<1	0.02	2	220	<2	0.06	<2	<1	50
K269848		<10	1	0.26	20	0.85	841	2	0.02	1	530	77	0.39	<2	8	136
K269849		<10	<1	0.26	20	0.88	1025	6	0.02	<1	510	26	0.21	3	7	164
K269850		<10	<1	0.29	10	0.59	1805	1	0.01	<1	510	1220	2.23	57	5	99
K269851		<10	1	0.30	20	1.05	1295	<1	0.01	<1	550	19	0.29	<2	6	147
K269852		<10	1	0.31	20	0.61	2090	3	0.01	6	520	280	1.45	11	5	118
K269853		<10	<1	0.20	20	0.63	634	<1	0.04	1	600	9	0.09	<2	7	131
K269854		<10	1	0.28	20	0.96	1515	<1	0.02	2	520	90	0.47	2	5	188

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CERTIFICATE OF ANALYSIS WH11168982

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269819		<20	<0.01	<10	10	32	<10	601	3
K269820		<20	<0.01	<10	<10	12	<10	2970	14
K269821		<20	<0.01	<10	<10	22	<10	107	<1
K269822		<20	<0.01	<10	<10	24	<10	87	<1
K269823		<20	0.05	<10	<10	308	<10	7390	30
K269824		<20	<0.01	<10	<10	23	<10	106	<1
K269825		<20	<0.01	<10	<10	19	<10	35	<1
K269826		<20	<0.01	<10	<10	22	<10	59	<1
K269827		<20	<0.01	<10	<10	26	<10	92	<1
K269828		<20	0.06	<10	<10	48	<10	34	<1
K269829		<20	0.05	<10	<10	306	<10	7360	29
K269830		<20	0.04	<10	<10	46	<10	66	<1
K269831		<20	0.01	<10	<10	32	<10	53	<1
K269832		<20	0.07	<10	<10	48	<10	34	<1
K269833		<20	0.01	<10	<10	38	<10	29	<1
K269834		<20	0.01	<10	<10	24	<10	38	<1
K269835		<20	0.01	<10	<10	27	<10	39	<1
K269836		<20	<0.01	<10	<10	32	<10	36	<1
K269837		<20	<0.01	<10	<10	19	<10	664	5
K269838		<20	<0.01	<10	<10	2	<10	18	<1
K269839		<20	<0.01	<10	<10	21	<10	74	<1
K269840		<20	<0.01	<10	<10	28	<10	108	1
K269841		<20	<0.01	<10	<10	32	<10	87	1
K269842		<20	<0.01	<10	<10	30	<10	89	<1
K269843		<20	<0.01	<10	<10	23	<10	2310	4
K269844		<20	<0.01	<10	<10	36	<10	66	<1
K269845		<20	<0.01	<10	<10	36	<10	67	<1
K269846		<20	<0.01	<10	<10	52	<10	402	<1
K269847		<20	<0.01	<10	<10	2	<10	15	<1
K269848		<20	<0.01	<10	<10	34	<10	136	<1
K269849		<20	<0.01	<10	<10	25	<10	41	<1
K269850		<20	<0.01	<10	<10	16	<10	2450	22
K269851		<20	<0.01	<10	<10	22	<10	43	<1
K269852		<20	<0.01	<10	10	20	<10	764	2
K269853		<20	0.01	<10	<10	38	<10	44	<1
K269854		<20	<0.01	<10	<10	19	<10	174	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11168983

Project: Klaza - DDH - 39

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
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Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 39

CERTIFICATE OF ANALYSIS WH11168983

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K972565		5.67	<0.005		0.2	0.96	32	<10	500	0.5	<2	1.44	<0.5	7	11	6
K972566		3.30	<0.005		0.2	1.02	18	<10	510	<0.5	<2	1.44	<0.5	7	10	6
K972567		5.85	<0.005		0.3	1.10	35	<10	480	<0.5	<2	1.37	0.8	7	10	8
K972568		4.20	<0.005		<0.2	1.08	3	<10	430	<0.5	<2	1.26	<0.5	6	9	6
K972569		6.38	<0.005		<0.2	0.68	7	<10	370	0.7	<2	2.29	<0.5	6	6	3
K972570		5.35	0.009		<0.2	0.89	10	<10	1550	0.5	<2	1.58	<0.5	7	6	5
K972571		3.59	<0.005		0.3	0.68	28	<10	450	0.6	<2	1.77	0.8	7	7	17
K972572		5.42	<0.005		<0.2	1.09	5	<10	330	<0.5	<2	1.47	<0.5	7	9	7
K972573		0.11	1.375		34.8	5.10	164	<10	30	<0.5	<2	4.61	34.2	88	59	7940
K972574		3.55	<0.005		0.3	1.24	6	<10	410	<0.5	<2	1.66	<0.5	7	9	10
K972575		5.64	<0.005		0.2	0.77	6	<10	750	0.7	<2	2.18	<0.5	6	5	7
K972576		4.03	<0.005		0.3	0.66	6	<10	670	0.6	<2	1.91	1.9	7	6	5
K972577		7.27	<0.005		<0.2	0.80	4	<10	590	0.6	<2	1.32	<0.5	7	5	6
K972578		3.92	<0.005		<0.2	0.96	4	<10	480	0.5	<2	1.41	<0.5	6	7	6
K972579		3.66	<0.005		0.4	0.64	14	<10	750	0.5	<2	1.32	0.6	7	5	7
K972580		1.47	0.013		0.6	0.36	161	<10	350	<0.5	<2	3.94	1.8	6	5	5
K972581		2.91	<0.005		<0.2	0.05	6	<10	<10	<0.5	<2	19.6	<0.5	<1	1	1
K972582		5.11	<0.005		0.2	1.08	7	<10	380	<0.5	<2	1.38	<0.5	6	8	6
K972583		2.33	<0.005		0.2	0.95	16	<10	620	0.6	<2	1.82	0.8	7	7	7
K972584		5.05	<0.005		<0.2	1.28	8	<10	350	<0.5	<2	1.39	<0.5	6	10	7
K972585		2.98	<0.005		0.3	0.91	13	<10	330	0.5	<2	1.75	<0.5	7	7	15
K972586		3.13	>10.0	23.5	>100	0.36	>10000	<10	<10	<0.5	215	0.71	343	13	5	4180
K972587		1.22	<0.005		<0.2	0.03	2	<10	10	<0.5	<2	20.5	0.5	3	<1	1
K972588		1.64	0.016		0.8	0.96	33	<10	130	1.0	<2	2.27	0.9	7	19	13
K972589		1.85	0.097		5.1	0.56	161	<10	120	0.7	<2	2.01	7.6	7	5	40
K972590		3.14	<0.005		0.4	0.52	39	<10	640	0.7	<2	3.18	1.1	7	5	12
K972591		3.67	<0.005		1.3	0.44	123	<10	960	0.7	<2	2.95	2.1	6	6	12
K972592		3.88	<0.005		0.3	0.48	21	<10	1180	0.6	<2	2.10	<0.5	7	5	11
K972593		3.29	0.023		2.8	0.43	162	<10	740	0.6	<2	1.99	2.6	6	7	21
K972594		3.13	<0.005		0.5	0.60	16	<10	1790	0.6	<2	1.48	<0.5	7	6	38
K972595		2.88	0.135		5.1	0.43	664	<10	80	0.6	<2	2.84	7.0	6	5	187
K972596		2.83	0.572		41.0	0.49	2420	<10	180	0.8	<2	2.46	7.5	6	5	568
K972597		5.20	0.012		0.2	0.81	30	<10	680	0.9	<2	2.31	<0.5	8	11	10
K972598		3.01	0.713		9.0	0.39	2800	<10	40	0.6	2	1.78	12.4	7	5	108
K972599		2.37	<0.005		<0.2	0.77	16	<10	620	0.5	<2	1.14	<0.5	6	8	13
K972600		0.11	1.530		32.2	4.62	145	<10	50	<0.5	8	4.46	31.0	80	55	7040

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 39

CERTIFICATE OF ANALYSIS WH11168983

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K972565		2.62	<10	<1	0.30	20	0.68	815	1	0.07	3	610	7	0.05	<2	6
K972566		2.70	<10	<1	0.31	20	0.71	823	<1	0.07	3	610	8	0.05	<2	6
K972567		2.75	<10	<1	0.30	20	0.71	647	<1	0.08	3	640	47	0.04	<2	7
K972568		2.55	<10	<1	0.27	20	0.71	596	<1	0.08	3	620	5	0.01	<2	5
K972569		2.50	<10	<1	0.30	20	0.69	1320	<1	0.01	3	580	6	0.12	<2	4
K972570		2.31	<10	1	0.18	20	0.47	797	<1	0.01	3	600	8	0.06	3	8
K972571		3.05	<10	1	0.23	20	0.68	1665	1	<0.01	4	580	20	0.16	<2	7
K972572		2.64	<10	<1	0.21	20	0.74	659	1	0.06	3	630	5	0.02	<2	6
K972573		8.35	10	2	0.25	<10	1.16	630	44	0.34	329	720	8950	8.22	26	4
K972574		2.70	<10	<1	0.29	20	0.76	731	<1	0.08	3	590	19	0.05	<2	7
K972575		2.74	<10	<1	0.23	20	0.68	1030	<1	0.02	3	590	12	0.05	<2	8
K972576		2.53	<10	<1	0.18	20	0.64	1155	<1	0.01	3	540	68	0.16	<2	8
K972577		2.70	<10	<1	0.19	20	0.50	848	<1	0.01	3	620	11	0.03	<2	8
K972578		2.56	<10	<1	0.22	20	0.53	714	<1	0.03	4	610	8	0.03	<2	8
K972579		2.66	<10	<1	0.14	20	0.54	1220	1	0.01	4	620	7	0.10	<2	10
K972580		2.54	<10	<1	0.17	10	0.91	2590	3	<0.01	3	340	95	0.22	3	6
K972581		0.37	<10	<1	0.02	<10	12.05	184	<1	0.01	2	270	7	0.02	<2	<1
K972582		2.51	<10	<1	0.25	20	0.65	639	<1	0.07	3	590	6	0.03	<2	6
K972583		2.54	<10	<1	0.24	20	0.67	914	<1	0.01	3	620	10	0.06	2	9
K972584		2.58	<10	<1	0.27	20	0.70	558	1	0.11	2	600	8	0.02	<2	5
K972585		2.71	<10	<1	0.28	20	0.69	788	2	0.05	10	590	21	0.05	<2	6
K972586		12.90	<10	3	0.19	<10	0.32	22400	9	0.01	<1	300	>10000	>10.0	1380	2
K972587		0.40	<10	<1	0.01	<10	12.45	190	<1	0.02	<1	260	5	<0.01	<2	<1
K972588		3.12	<10	<1	0.28	20	1.03	1300	<1	<0.01	10	1760	64	0.04	9	6
K972589		2.76	<10	<1	0.28	10	0.53	3100	3	<0.01	5	630	395	1.59	8	5
K972590		2.68	<10	<1	0.23	20	0.91	2300	1	0.01	4	540	34	0.22	2	7
K972591		2.85	<10	<1	0.28	10	0.92	6740	27	0.01	4	540	95	0.23	6	6
K972592		2.63	<10	<1	0.22	20	0.73	1565	2	0.01	3	570	14	0.17	2	7
K972593		2.77	<10	<1	0.26	10	0.66	2960	20	0.01	4	500	93	0.40	9	7
K972594		2.51	<10	<1	0.21	10	0.56	1720	11	0.01	4	550	14	0.15	8	8
K972595		3.08	<10	<1	0.31	10	0.81	7380	16	0.01	4	440	279	1.76	57	4
K972596		3.19	<10	1	0.32	10	0.81	7490	3	0.01	4	550	423	1.51	162	6
K972597		3.04	<10	<1	0.31	10	1.01	1925	1	0.01	8	1390	25	0.21	6	6
K972598		3.78	<10	1	0.33	10	0.49	7590	3	0.01	2	550	383	2.64	44	4
K972599		2.47	<10	1	0.19	20	0.54	1070	2	0.01	1	650	14	0.04	3	9
K972600		7.97	<10	1	0.23	10	1.10	590	40	0.32	315	650	8130	7.21	27	4

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 39

CERTIFICATE OF ANALYSIS WH11168983

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K972565		63	<20	0.10	<10	<10	52	<10	51	<1		
K972566		66	<20	0.10	<10	<10	54	<10	66	<1		
K972567		69	<20	0.09	<10	<10	58	<10	125	<1		
K972568		60	<20	0.10	<10	<10	55	<10	47	<1		
K972569		71	<20	0.01	<10	<10	24	<10	69	1		
K972570		52	<20	0.02	<10	<10	40	<10	93	1		
K972571		40	<20	0.01	<10	<10	35	<10	227	<1		
K972572		58	<20	0.07	<10	<10	51	<10	64	<1		
K972573		82	<20	0.06	<10	<10	334	<10	8350	30		
K972574		66	<20	0.06	<10	<10	52	<10	70	<1		
K972575		67	<20	0.01	<10	<10	40	<10	154	1		
K972576		47	<20	<0.01	<10	<10	37	<10	329	<1		
K972577		51	<20	0.03	<10	<10	42	<10	175	<1		
K972578		58	<20	0.04	<10	<10	44	<10	141	<1		
K972579		38	<20	0.01	<10	<10	40	<10	150	<1		
K972580		66	<20	<0.01	<10	<10	32	<10	295	1		
K972581		59	<20	<0.01	<10	10	2	<10	16	<1		
K972582		61	<20	0.06	<10	<10	48	<10	70	<1		
K972583		58	<20	0.02	<10	<10	43	<10	164	<1		
K972584		65	<20	0.11	<10	<10	58	<10	58	<1		
K972585		75	<20	0.05	<10	<10	43	<10	117	<1		
K972586		36	<20	<0.01	<10	<10	11	20	>10000	239	2.66	3.58
K972587		54	<20	<0.01	<10	<10	1	<10	17	<1		
K972588		225	<20	0.01	<10	<10	59	<10	199	<1		
K972589		100	<20	<0.01	<10	<10	22	<10	876	5		
K972590		116	<20	<0.01	<10	<10	29	<10	145	<1		
K972591		102	<20	<0.01	<10	<10	21	<10	218	1		
K972592		83	<20	<0.01	<10	<10	34	<10	61	<1		
K972593		69	<20	<0.01	<10	10	31	<10	221	3		
K972594		72	<20	<0.01	<10	<10	34	<10	70	<1		
K972595		67	<20	<0.01	<10	<10	13	<10	611	4		
K972596		92	<20	<0.01	<10	<10	16	<10	621	39		
K972597		208	<20	<0.01	<10	<10	45	<10	89	<1		
K972598		55	<20	<0.01	<10	20	10	<10	1010	9		
K972599		62	20	0.01	<10	<10	40	<10	55	1		
K972600		75	<20	0.05	<10	<10	307	10	7320	31		

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VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11168984

Project: Klaza - DDH - 34

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 34

CERTIFICATE OF ANALYSIS WH11168984

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863135		6.63	0.452	24.8	0.44	1570	<10	40	0.5	<2	1.70	32.1	5	5	687	3.14
K863136		11.86	<0.005	<0.2	0.68	10	<10	1770	0.8	<2	1.29	<0.5	5	5	9	2.27
K863137		11.02	<0.005	<0.2	0.85	3	<10	480	0.8	<2	1.74	<0.5	5	6	7	2.36
K863138		8.20	0.080	0.5	0.64	418	<10	630	0.7	<2	2.32	2.0	4	6	9	2.52
K863139		8.07	0.084	4.2	0.65	94	<10	490	0.6	<2	1.82	1.1	6	5	20	2.49
K863140		3.63	0.126	7.8	0.51	581	<10	150	0.6	<2	2.06	5.9	4	5	45	2.64
K863141		3.29	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	19.8	<0.5	<1	1	3	0.47
K863142		5.71	0.089	5.2	0.87	757	<10	100	0.7	<2	1.70	10.0	7	5	31	3.23
K863143		7.62	0.015	1.0	0.53	70	<10	460	0.9	<2	1.85	1.6	6	5	58	2.53
K863144		4.22	0.105	4.2	0.45	392	<10	80	0.7	<2	1.77	16.7	11	4	17	2.98
K863145		5.81	1.140	21.0	0.39	2940	<10	10	<0.5	2	1.89	75.9	127	4	207	7.55
K863146		3.17	<0.005	0.2	0.06	5	<10	20	<0.5	<2	20.3	<0.5	<1	2	2	0.44
K863147		9.65	0.013	0.8	0.50	72	<10	560	0.7	<2	2.70	1.0	10	6	24	2.71
K863148		10.22	<0.005	<0.2	0.60	5	<10	350	0.9	<2	3.45	<0.5	4	8	4	1.84
K863149		10.73	<0.005	0.3	0.66	8	<10	910	0.9	<2	3.49	<0.5	5	7	7	1.75
K863150		0.17	3.34	>100	0.17	>10000	<10	10	<0.5	3	0.41	330	2	9	1595	14.1
K973001		7.35	<0.005	0.2	0.51	8	<10	890	0.6	<2	2.69	<0.5	7	5	9	2.49
K973002		6.82	<0.005	0.4	0.48	20	<10	950	0.6	<2	2.09	<0.5	6	4	20	2.41
K973003		5.54	0.061	1.3	0.55	95	<10	320	0.8	<2	2.50	2.1	11	4	26	2.97
K973004		8.92	<0.005	0.2	0.51	13	<10	630	0.6	<2	2.16	<0.5	3	6	5	2.85
K973005		9.94	<0.005	0.4	0.47	25	<10	910	0.5	<2	1.98	<0.5	3	6	4	2.66
K973006		10.17	<0.005	0.2	0.51	32	<10	740	0.5	<2	2.07	<0.5	4	6	4	2.68
K973007		0.08	1.380	34.3	4.88	146	<10	40	<0.5	7	4.58	33.0	84	57	7260	8.38
K973008		4.44	<0.005	0.2	1.11	7	<10	270	<0.5	<2	1.83	<0.5	4	9	10	2.92
K973009		8.55	<0.005	0.5	0.71	15	<10	500	<0.5	<2	1.96	<0.5	4	8	4	2.62
K973010		3.04	0.055	2.6	0.59	88	<10	310	0.5	<2	2.10	4.5	5	7	14	2.91
K973011		3.68	0.008	0.9	0.68	79	<10	570	1.1	<2	1.36	1.4	4	6	14	1.80
K973012		3.64	0.083	1.6	0.51	398	<10	260	0.7	<2	2.20	1.3	4	6	27	3.03
K973013		4.74	1.010	36.9	0.36	8560	<10	30	<0.5	2	1.50	40.0	4	5	52	5.12
K973014		9.04	<0.005	0.2	0.49	21	<10	280	0.6	2	1.94	<0.5	4	5	3	2.67
K973015		4.21	<0.005	0.2	0.53	23	<10	280	0.7	<2	2.07	<0.5	3	5	5	2.69
K973016		6.39	<0.005	0.2	0.82	12	<10	240	0.6	<2	1.87	<0.5	4	6	7	2.64
K973017		11.06	<0.005	0.2	0.85	11	<10	360	0.5	2	2.20	<0.5	3	6	3	2.57
K973018		12.40	0.006	0.3	0.64	21	<10	550	0.6	<2	2.59	<0.5	3	4	7	2.75
K973019		12.04	0.017	1.0	0.61	65	<10	430	0.7	<2	2.85	3.4	4	4	9	2.83
K973020		8.95	0.005	0.2	0.57	19	<10	540	0.6	<2	2.38	0.5	2	5	7	2.96

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 34

CERTIFICATE OF ANALYSIS WH11168984

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863135		<10	2	0.33	10	0.47	2460	15	0.01	1	530	1875	2.37	147	2	47
K863136		<10	<1	0.20	10	0.67	702	1	0.01	5	830	10	0.09	2	4	166
K863137		<10	<1	0.23	10	0.67	769	1	0.01	4	890	13	0.04	2	4	213
K863138		<10	<1	0.22	20	0.61	1150	1	0.03	2	620	40	0.34	4	7	125
K863139		<10	<1	0.25	20	0.57	1035	2	0.04	1	580	55	0.27	9	6	88
K863140		<10	<1	0.31	10	0.56	2780	6	0.01	2	540	483	1.24	21	5	66
K863141		<10	<1	0.03	<10	12.50	217	<1	0.02	5	230	2	0.02	<2	<1	51
K863142		<10	1	0.29	20	0.59	1450	2	0.02	2	620	389	1.01	13	7	80
K863143		<10	<1	0.32	20	0.63	1665	1	0.01	1	600	62	0.45	17	7	90
K863144		<10	<1	0.32	10	0.47	2770	4	0.01	2	530	611	1.97	10	5	70
K863145		<10	<1	0.30	<10	0.45	8910	2	0.01	1	460	2440	8.81	52	2	46
K863146		<10	<1	0.04	<10	12.50	207	<1	0.01	2	220	3	0.01	<2	<1	49
K863147		<10	<1	0.33	10	0.62	1755	2	0.02	2	570	60	0.68	5	4	170
K863148		<10	<1	0.29	10	0.89	480	<1	0.02	7	650	15	0.02	<2	5	450
K863149		<10	<1	0.29	10	0.91	499	<1	0.02	7	650	16	0.05	<2	5	461
K863150		<10	2	0.07	<10	0.17	1480	<1	0.01	10	140	>10000	>10.0	583	1	19
K973001		<10	1	0.31	20	0.73	965	1	0.03	3	590	22	0.12	2	5	276
K973002		<10	<1	0.28	20	0.69	1015	<1	0.02	1	510	43	0.31	3	4	214
K973003		<10	<1	0.34	20	0.76	1150	<1	0.02	2	540	185	0.96	7	4	179
K973004		<10	<1	0.27	20	0.72	805	<1	0.04	2	590	9	0.17	<2	4	171
K973005		<10	<1	0.25	20	0.67	1205	<1	0.03	1	570	32	0.28	<2	4	120
K973006		<10	<1	0.22	20	0.69	852	<1	0.03	1	580	13	0.13	<2	5	103
K973007		10	1	0.24	<10	1.13	630	46	0.33	314	680	8400	7.19	31	4	76
K973008		<10	<1	0.19	20	0.76	692	<1	0.05	2	580	19	0.03	<2	6	75
K973009		<10	<1	0.20	20	0.69	742	<1	0.05	1	580	9	0.04	<2	6	124
K973010		<10	<1	0.26	20	0.66	1590	<1	0.03	2	560	167	0.45	4	5	110
K973011		<10	<1	0.28	10	0.46	1100	<1	0.01	8	520	108	0.44	4	4	257
K973012		<10	<1	0.28	20	0.66	2300	2	0.01	1	570	50	0.80	14	5	126
K973013		<10	<1	0.29	10	0.38	7380	6	0.01	1	500	2110	4.34	67	2	59
K973014		<10	<1	0.23	20	0.58	996	<1	0.03	1	580	10	0.25	2	4	119
K973015		<10	<1	0.27	20	0.62	1085	<1	0.03	1	570	12	0.22	3	4	119
K973016		<10	<1	0.25	20	0.57	950	<1	0.04	<1	580	15	0.13	3	6	116
K973017		<10	<1	0.30	20	0.68	1030	<1	0.05	1	570	10	0.12	<2	5	120
K973018		<10	<1	0.32	20	0.65	1315	<1	0.03	1	560	9	0.29	2	5	142
K973019		<10	<1	0.38	20	0.77	2250	<1	0.02	1	530	114	0.47	3	5	162
K973020		<10	<1	0.29	20	0.64	1185	<1	0.03	1	580	31	0.28	<2	5	148

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 34

CERTIFICATE OF ANALYSIS WH11168984

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K863135		<20	<0.01	<10	10	9	<10	2670	24		
K863136		<20	<0.01	<10	<10	27	<10	103	<1		
K863137		<20	<0.01	<10	<10	30	<10	74	1		
K863138		<20	<0.01	<10	<10	29	<10	168	1		
K863139		<20	<0.01	<10	<10	28	<10	132	5		
K863140		<20	<0.01	<10	<10	17	<10	574	8		
K863141		<20	<0.01	<10	10	2	<10	27	<1		
K863142		<20	<0.01	<10	<10	33	<10	1240	6		
K863143		<20	<0.01	<10	<10	19	<10	169	1		
K863144		<20	<0.01	<10	<10	12	<10	1475	4		
K863145		<20	<0.01	<10	<10	6	<10	5430	19		
K863146		<20	<0.01	<10	<10	1	<10	18	<1		
K863147		<20	<0.01	<10	<10	18	<10	135	<1		
K863148		<20	<0.01	<10	<10	29	<10	39	<1		
K863149		<20	<0.01	<10	<10	26	<10	41	1		
K863150		<20	<0.01	<10	<10	7	160	>10000	415	3.07	3.62
K973001		<20	<0.01	<10	<10	28	<10	53	1		
K973002		<20	<0.01	<10	<10	20	<10	61	<1		
K973003		<20	<0.01	<10	<10	21	<10	194	1		
K973004		<20	<0.01	<10	<10	30	<10	45	<1		
K973005		<20	<0.01	<10	<10	27	<10	53	<1		
K973006		<20	<0.01	<10	<10	31	<10	49	<1		
K973007		<20	0.05	<10	<10	316	<10	7530	32		
K973008		<20	0.01	<10	<10	43	<10	57	1		
K973009		<20	0.01	<10	<10	39	<10	48	<1		
K973010		<20	<0.01	<10	<10	29	<10	320	3		
K973011		<20	<0.01	<10	<10	12	<10	130	<1		
K973012		<20	<0.01	<10	20	24	<10	140	1		
K973013		<20	<0.01	<10	<10	7	<10	2670	32		
K973014		<20	<0.01	<10	<10	26	<10	50	1		
K973015		<20	<0.01	<10	<10	26	<10	50	<1		
K973016		<20	<0.01	<10	<10	37	<10	57	<1		
K973017		<20	<0.01	<10	<10	32	<10	52	1		
K973018		<20	<0.01	<10	<10	25	<10	46	1		
K973019		<20	<0.01	<10	<10	22	<10	271	2		
K973020		<20	<0.01	<10	<10	26	<10	74	1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11168985

Project: Klaza- DDH- 39

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 39

CERTIFICATE OF ANALYSIS WH11168985

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972529		4.78	<0.005	<0.2	1.40	6	<10	330	<0.5	<2	1.42	<0.5	6	9	8	2.74
K972530		5.91	<0.005	<0.2	1.22	7	<10	310	<0.5	<2	1.04	<0.5	7	8	7	2.63
K972531		0.12	1.690	32.2	4.82	149	<10	60	<0.5	15	4.27	32.6	83	56	7350	8.06
K972532		3.02	<0.005	0.2	0.76	15	<10	670	0.5	<2	3.25	1.0	7	5	6	2.47
K972533		4.22	<0.005	0.3	0.90	43	<10	490	0.6	<2	2.42	<0.5	7	6	7	2.79
K972534		6.22	0.006	0.6	0.62	101	<10	380	0.7	<2	2.48	1.6	5	4	20	2.62
K972535		2.17	0.950	15.4	0.46	743	<10	190	0.6	5	0.97	9.9	3	3	88	3.54
K972536		1.27	1.180	62.9	0.41	2490	<10	1150	0.8	2	0.56	60.5	7	2	492	5.01
K972537		1.48	<0.005	<0.2	0.06	<2	<10	370	<0.5	<2	19.0	<0.5	<1	1	1	0.39
K972538		4.71	0.048	4.4	0.77	205	<10	370	0.7	<2	1.48	10.1	6	5	41	2.94
K972539		5.60	<0.005	0.2	1.20	43	<10	400	0.5	<2	1.40	0.8	7	7	5	2.65
K972540		5.44	<0.005	0.4	0.83	45	<10	840	0.6	<2	1.98	0.8	6	5	41	2.72
K972541		4.73	<0.005	<0.2	0.98	41	<10	430	0.7	<2	2.42	0.6	7	6	6	2.80
K972542		5.41	<0.005	<0.2	1.05	35	<10	460	<0.5	<2	1.73	0.8	6	7	6	2.54
K972543		6.80	<0.005	<0.2	1.23	11	<10	500	<0.5	<2	1.49	<0.5	6	11	6	2.59
K972544		6.00	<0.005	<0.2	1.06	6	<10	490	<0.5	<2	2.05	<0.5	6	8	6	2.51
K972545		5.94	<0.005	<0.2	1.04	9	<10	500	<0.5	<2	1.60	<0.5	6	8	5	2.43
K972546		6.19	<0.005	0.3	0.79	25	<10	840	0.6	<2	1.70	<0.5	6	6	6	2.89
K972547		6.87	<0.005	0.4	0.99	53	<10	460	0.5	<2	1.34	1.6	7	8	9	2.83
K972548		3.08	0.005	0.4	0.90	70	<10	610	0.6	<2	4.90	1.5	7	5	10	3.12
K972549		2.76	0.005	0.2	0.87	43	<10	400	<0.5	<2	1.91	<0.5	7	7	5	2.65
K972550		1.20	<0.005	0.2	0.86	34	<10	380	<0.5	<2	1.80	<0.5	7	7	5	2.68
K972551		4.13	<0.005	0.2	1.24	<2	<10	390	<0.5	<2	1.43	<0.5	7	11	6	2.65
K972552		4.36	<0.005	<0.2	1.31	<2	<10	390	<0.5	<2	1.38	<0.5	7	12	6	2.66
K972553		1.61	0.051	3.0	0.86	1860	<10	150	0.7	<2	1.83	24.3	8	6	61	4.58
K972554		4.46	<0.005	0.2	1.29	11	<10	510	<0.5	<2	1.12	<0.5	7	11	7	2.62
K972555		4.63	<0.005	<0.2	1.36	<2	<10	520	<0.5	<2	1.24	<0.5	7	11	6	2.63
K972556		0.09	1.565	31.6	4.83	147	<10	40	<0.5	9	4.60	31.7	84	56	7350	8.42
K972557		1.50	0.019	2.7	0.78	411	<10	270	0.7	<2	2.36	19.2	7	6	67	3.43
K972558		5.13	<0.005	<0.2	1.21	<2	<10	550	<0.5	<2	1.38	<0.5	7	11	7	2.79
K972559		4.57	<0.005	0.3	1.44	<2	<10	450	0.5	<2	1.76	0.6	8	8	9	3.09
K972560		3.53	<0.005	0.4	1.35	9	<10	500	<0.5	<2	1.33	4.1	7	11	12	2.90
K972561		7.34	<0.005	0.2	1.39	<2	<10	580	<0.5	<2	1.31	0.7	7	12	7	2.74
K972562		1.70	<0.005	0.3	1.01	81	<10	490	<0.5	<2	1.92	<0.5	7	8	18	2.87
K972563		2.98	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.3	<0.5	1	1	2	0.39
K972564		3.92	<0.005	<0.2	1.11	<2	<10	530	<0.5	<2	1.36	<0.5	6	9	7	2.80

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 39

CERTIFICATE OF ANALYSIS WH11168985

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972529		10	1	0.16	20	0.65	525	1	0.07	4	610	10	<0.01	2	5	49
K972530		<10	<1	0.19	20	0.62	478	1	0.09	3	610	6	<0.01	2	4	39
K972531		10	2	0.23	10	1.10	619	44	0.33	333	670	8380	7.51	29	4	79
K972532		<10	<1	0.30	20	0.17	897	1	0.05	1	640	74	0.03	<2	5	79
K972533		<10	<1	0.25	20	0.33	864	1	0.04	4	670	11	0.02	3	8	61
K972534		<10	1	0.33	20	0.21	1905	1	0.01	2	540	54	0.08	8	5	51
K972535		<10	<1	0.22	10	0.05	2050	3	0.01	2	360	910	0.07	125	6	49
K972536		<10	1	0.28	20	0.04	21600	5	0.02	1	460	>10000	0.16	196	5	104
K972537		<10	1	0.03	<10	11.90	188	<1	0.01	1	410	4	0.03	<2	<1	60
K972538		<10	<1	0.29	20	0.20	2940	2	0.03	3	580	687	0.03	15	6	52
K972539		<10	1	0.22	30	0.46	835	1	0.04	2	600	12	0.01	2	6	43
K972540		<10	1	0.25	30	0.35	937	1	0.03	3	620	26	0.05	7	7	53
K972541		<10	<1	0.24	30	0.35	802	1	0.03	2	630	16	0.02	2	8	66
K972542		<10	<1	0.27	20	0.52	705	1	0.06	3	600	19	0.02	2	5	72
K972543		<10	<1	0.30	20	0.68	568	1	0.10	2	610	7	0.01	<2	5	58
K972544		<10	<1	0.23	20	0.65	668	1	0.05	2	610	6	0.03	<2	5	88
K972545		<10	<1	0.24	20	0.57	584	1	0.07	2	580	7	0.02	3	5	61
K972546		<10	<1	0.23	20	0.53	1120	1	0.02	2	620	22	0.15	4	8	56
K972547		<10	<1	0.24	20	0.53	799	1	0.05	2	630	87	0.20	4	7	46
K972548		<10	<1	0.29	20	0.60	1700	1	0.02	1	600	55	0.16	6	8	154
K972549		<10	<1	0.26	20	0.73	802	<1	0.05	2	610	9	0.08	<2	6	69
K972550		<10	<1	0.24	20	0.73	797	<1	0.05	2	610	10	0.06	<2	6	66
K972551		<10	<1	0.24	20	0.76	615	<1	0.10	1	600	6	0.01	<2	6	64
K972552		<10	<1	0.27	20	0.73	598	<1	0.10	2	610	7	0.01	<2	5	55
K972553		<10	<1	0.31	20	0.69	1575	1	0.02	1	600	611	1.48	11	7	64
K972554		<10	<1	0.32	20	0.71	524	1	0.11	2	620	9	0.02	<2	5	52
K972555		<10	<1	0.34	20	0.69	536	1	0.11	1	620	8	0.01	<2	5	56
K972556		10	1	0.24	<10	1.15	629	49	0.34	307	670	8100	7.07	26	4	76
K972557		<10	1	0.34	20	0.66	2120	2	0.02	3	590	949	0.89	8	6	70
K972558		<10	<1	0.33	20	0.71	607	1	0.10	2	630	9	0.02	<2	6	64
K972559		<10	2	0.25	30	0.84	833	1	0.01	2	730	27	0.03	3	8	68
K972560		<10	<1	0.33	20	0.74	692	1	0.11	2	680	54	0.11	<2	6	67
K972561		<10	<1	0.35	20	0.74	581	<1	0.12	2	630	14	0.03	<2	5	67
K972562		<10	<1	0.31	20	0.82	1105	<1	0.06	1	610	8	0.09	3	6	81
K972563		<10	<1	0.02	<10	12.30	188	<1	0.01	2	250	<2	0.01	<2	<1	61
K972564		<10	<1	0.30	20	0.73	660	1	0.08	2	610	6	0.01	<2	6	72

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Account: ROCKHA

Project: Klaza- DDH- 39

CERTIFICATE OF ANALYSIS WH11168985

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K972529		<20	0.09	<10	<10	57	<10	58	<1	
K972530		<20	0.14	<10	<10	59	<10	49	<1	
K972531		<20	0.05	<10	10	312	<10	7770	29	
K972532		<20	0.01	<10	<10	28	<10	159	<1	
K972533		<20	0.01	<10	<10	44	<10	85	<1	
K972534		<20	<0.01	<10	<10	22	<10	249	<1	
K972535		<20	<0.01	<10	<10	24	<10	1040	13	
K972536		<20	<0.01	<10	<10	12	<10	3820	63	1.515
K972537		<20	<0.01	<10	<10	2	<10	17	<1	
K972538		<20	0.01	<10	<10	33	<10	783	2	
K972539		20	0.05	<10	<10	45	<10	162	<1	
K972540		<20	0.03	<10	<10	41	<10	198	<1	
K972541		<20	0.02	<10	<10	45	<10	208	<1	
K972542		<20	0.08	<10	<10	46	<10	145	<1	
K972543		<20	0.13	<10	<10	58	<10	63	<1	
K972544		<20	0.05	<10	<10	43	<10	67	<1	
K972545		<20	0.07	<10	<10	47	<10	82	<1	
K972546		<20	0.01	<10	<10	39	<10	128	<1	
K972547		<20	0.04	<10	<10	46	<10	231	<1	
K972548		<20	0.02	<10	<10	41	<10	230	<1	
K972549		<20	0.03	<10	<10	43	<10	55	<1	
K972550		<20	0.04	<10	<10	44	<10	54	<1	
K972551		<20	0.07	<10	<10	56	<10	51	<1	
K972552		<20	0.12	<10	<10	59	<10	46	<1	
K972553		<20	0.02	<10	<10	38	<10	2760	3	
K972554		<20	0.16	<10	<10	62	<10	61	<1	
K972555		<20	0.15	<10	<10	62	<10	47	<1	
K972556		<20	0.06	<10	10	320	<10	7850	30	
K972557		<20	0.01	<10	<10	32	<10	1790	2	
K972558		<20	0.11	<10	<10	58	<10	58	<1	
K972559		<20	0.03	<10	<10	56	<10	129	1	
K972560		<20	0.13	<10	<10	64	<10	327	<1	
K972561		<20	0.15	<10	<10	64	<10	98	<1	
K972562		<20	0.07	<10	<10	49	<10	55	<1	
K972563		<20	<0.01	<10	10	3	<10	14	<1	
K972564		<20	0.09	<10	<10	55	<10	50	<1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11168986

Project: Klaza - Soil

P.O. No.:

This report is for 64 Soil samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11168986

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28651		0.22	0.009	<0.2	1.68	10	<10	350	<0.5	<2	0.36	<0.5	6	19	14	3.38
ZZ28652		0.20	0.005	0.2	1.42	9	<10	180	<0.5	<2	0.21	<0.5	8	16	29	2.77
ZZ28653		0.20	0.001	<0.2	0.72	3	<10	60	<0.5	<2	0.08	<0.5	2	8	10	1.24
ZZ28654		0.18	0.002	<0.2	1.93	8	<10	210	<0.5	<2	0.21	<0.5	6	22	15	3.26
ZZ28655		0.22	0.003	0.2	2.26	12	<10	390	0.5	<2	0.33	<0.5	9	29	22	3.07
ZZ28656		0.32	0.002	<0.2	1.49	7	<10	310	<0.5	<2	0.24	<0.5	4	21	13	2.27
ZZ28623		0.16	0.003	0.3	1.45	26	<10	250	0.5	<2	0.58	<0.5	9	24	23	2.95
ZZ28624		0.14	0.002	<0.2	1.35	24	<10	310	<0.5	<2	0.22	<0.5	5	19	16	2.18
ZZ28625		0.20	0.003	0.2	1.48	31	<10	230	<0.5	<2	0.35	<0.5	7	17	21	2.60
ZZ28626		0.20	<0.001	0.2	1.55	30	<10	250	<0.5	<2	0.31	<0.5	9	17	31	2.32
ZZ28627		0.18	0.003	0.2	1.62	30	<10	370	<0.5	<2	0.44	<0.5	8	18	20	2.29
ZZ28628		0.22	0.005	0.5	1.56	45	<10	200	0.7	<2	0.28	0.5	9	21	27	2.85
ZZ28629		0.18	0.002	0.3	1.64	37	<10	330	0.6	<2	0.39	<0.5	9	23	28	2.72
ZZ28630		0.20	0.003	<0.2	1.29	32	<10	70	<0.5	<2	0.18	<0.5	6	16	13	2.66
ZZ28631		0.22	<0.001	0.3	1.61	28	<10	190	0.5	<2	0.29	<0.5	9	18	22	2.60
ZZ28632		0.20	0.002	0.3	1.57	29	<10	190	0.6	<2	0.28	<0.5	9	17	22	2.68
ZZ28633		0.22	0.003	0.3	1.35	35	<10	230	0.5	<2	0.34	<0.5	7	16	27	2.51
ZZ28634		0.24	0.002	<0.2	1.34	8	<10	190	<0.5	<2	0.41	<0.5	6	20	12	2.18
ZZ28635		0.24	0.002	<0.2	2.29	11	<10	320	0.5	<2	0.52	<0.5	7	25	16	2.62
ZZ28636		0.32	0.001	0.3	1.41	7	<10	210	<0.5	3	0.36	<0.5	7	22	15	1.88
ZZ28637		0.30	0.001	0.2	1.71	10	<10	230	0.5	<2	0.35	<0.5	8	25	27	2.26
ZZ28638		0.26	<0.001	<0.2	1.15	10	<10	160	<0.5	4	0.35	<0.5	7	19	17	2.31
ZZ28639		0.22	0.007	0.7	1.55	23	<10	290	0.6	5	0.41	<0.5	6	24	29	2.56
ZZ28640		0.20	0.006	0.2	1.03	5	<10	170	<0.5	4	0.30	<0.5	4	17	11	1.40
ZZ28641		0.22	0.002	0.5	1.58	6	<10	360	0.5	5	0.61	<0.5	7	25	25	2.27
ZZ28642		0.08	0.006	0.8	1.96	12	<10	780	0.9	5	0.96	1.4	10	30	76	3.20
ZZ28643		0.16	<0.001	0.2	0.87	<2	<10	210	<0.5	4	0.61	<0.5	6	11	12	1.39
ZZ28644		0.12	<0.001	<0.2	0.38	<2	<10	90	<0.5	4	0.25	<0.5	2	3	11	0.49
ZZ28645		0.16	<0.001	0.4	1.58	<2	<10	340	<0.5	5	0.42	0.6	4	16	24	1.18
ZZ28646		0.10	0.001	0.2	1.15	7	<10	260	<0.5	4	0.38	<0.5	3	12	35	1.21
ZZ28647		0.26	0.001	<0.2	1.87	7	<10	480	0.7	3	0.39	<0.5	13	25	24	3.72
ZZ28648		0.28	0.001	0.2	1.39	4	<10	310	<0.5	3	0.26	<0.5	6	19	12	2.17
ZZ28649		0.22	0.001	<0.2	1.76	7	<10	390	0.5	3	0.40	<0.5	7	22	20	2.84
ZZ28650		0.18	<0.001	<0.2	0.74	4	<10	130	<0.5	5	0.12	<0.5	4	11	9	1.65
ZZ28571		0.36	0.009	0.8	1.75	59	<10	180	0.5	6	0.21	0.5	6	24	32	1.48
ZZ28572		0.56	0.001	0.2	0.95	8	<10	140	<0.5	5	0.18	0.5	3	12	14	0.95
ZZ28573		0.52	0.002	0.5	1.47	7	<10	250	<0.5	5	0.33	<0.5	5	22	20	1.51
ZZ28574		0.36	0.003	2.0	1.68	27	<10	320	<0.5	6	0.38	<0.5	7	23	16	1.81
ZZ28575		0.36	0.001	0.2	1.01	15	<10	100	<0.5	5	0.31	<0.5	4	18	12	1.63
ZZ28576		0.48	0.001	0.3	1.55	13	<10	150	<0.5	4	0.26	<0.5	6	22	18	1.95

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28651		10	<1	0.09	10	0.39	287	2	0.01	8	310	13	0.01	<2	5	24
ZZ28652		10	<1	0.11	10	0.35	533	1	0.01	8	380	24	0.01	2	4	17
ZZ28653		<10	<1	0.04	<10	0.12	68	<1	0.02	4	190	4	0.01	<2	1	10
ZZ28654		10	<1	0.08	10	0.41	255	1	0.01	9	310	10	0.01	<2	4	18
ZZ28655		10	<1	0.14	10	0.56	454	<1	0.01	16	410	14	0.01	<2	5	24
ZZ28656		10	<1	0.08	10	0.36	171	1	0.01	8	280	16	0.01	<2	3	19
ZZ28623		<10	<1	0.09	10	0.50	264	2	0.02	13	610	20	0.04	3	5	39
ZZ28624		10	<1	0.06	10	0.40	290	1	0.01	8	650	18	0.05	3	1	18
ZZ28625		10	<1	0.06	10	0.45	873	2	0.01	8	780	46	0.03	3	2	30
ZZ28626		<10	<1	0.06	10	0.43	624	1	0.01	9	700	49	0.04	3	2	25
ZZ28627		10	<1	0.05	10	0.45	691	2	0.01	8	1080	42	0.05	4	2	34
ZZ28628		<10	<1	0.09	10	0.43	823	2	0.01	11	700	61	0.02	4	3	21
ZZ28629		10	1	0.07	20	0.49	813	1	0.01	12	830	62	0.02	6	5	26
ZZ28630		<10	<1	0.04	10	0.28	337	1	0.01	7	740	40	0.01	5	2	15
ZZ28631		10	<1	0.08	10	0.43	850	1	0.01	9	650	57	0.01	5	3	22
ZZ28632		<10	<1	0.09	10	0.44	868	2	0.01	9	700	52	0.02	5	3	26
ZZ28633		<10	<1	0.09	10	0.44	569	2	0.02	10	720	62	0.02	4	3	26
ZZ28634		10	1	0.08	10	0.45	282	1	0.02	10	700	9	0.01	<2	4	25
ZZ28635		10	<1	0.10	20	0.53	229	1	0.03	14	650	11	0.02	<2	6	35
ZZ28636		<10	<1	0.07	10	0.41	275	2	0.02	11	490	23	0.01	3	4	22
ZZ28637		10	<1	0.11	10	0.53	294	<1	0.02	16	460	11	0.01	<2	5	23
ZZ28638		<10	1	0.07	10	0.39	220	2	0.02	12	460	17	0.02	<2	3	23
ZZ28639		10	<1	0.09	20	0.43	480	2	0.02	11	430	23	0.03	3	6	26
ZZ28640		<10	1	0.06	10	0.34	165	1	0.02	6	410	17	0.02	3	3	19
ZZ28641		<10	1	0.07	20	0.40	436	2	0.03	11	740	20	0.07	3	5	58
ZZ28642		10	1	0.08	20	0.38	2510	2	0.03	21	1550	15	0.21	3	6	99
ZZ28643		<10	<1	0.05	10	0.29	444	1	0.02	5	680	13	0.05	<2	2	54
ZZ28644		<10	<1	0.03	<10	0.06	111	<1	0.04	2	460	7	0.03	<2	1	28
ZZ28645		<10	1	0.06	20	0.37	208	<1	0.03	8	710	26	0.07	<2	3	36
ZZ28646		<10	<1	0.05	20	0.21	94	1	0.03	5	850	11	0.09	<2	3	26
ZZ28647		10	<1	0.14	30	0.59	393	3	0.02	12	770	13	0.03	<2	9	20
ZZ28648		10	<1	0.09	20	0.46	243	2	0.02	8	460	11	0.02	2	5	15
ZZ28649		10	1	0.13	20	0.54	318	2	0.02	9	540	29	0.03	2	7	21
ZZ28650		10	<1	0.04	10	0.13	177	2	0.01	3	180	11	0.01	2	2	12
ZZ28571		10	1	0.08	10	0.44	243	1	0.02	7	380	50	0.06	4	4	15
ZZ28572		<10	<1	0.07	10	0.32	197	1	0.02	4	230	29	0.04	5	2	11
ZZ28573		<10	1	0.09	10	0.42	353	1	0.02	9	580	22	0.03	3	4	17
ZZ28574		10	1	0.09	10	0.42	677	1	0.02	8	550	32	0.06	4	3	22
ZZ28575		<10	<1	0.09	10	0.36	181	1	0.02	6	610	22	0.02	3	3	16
ZZ28576		<10	1	0.08	10	0.44	234	1	0.02	11	560	16	0.03	2	3	15

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11168986

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28651		<20	0.08	<10	<10	77	<10	58
ZZ28652		<20	0.08	<10	<10	62	<10	59
ZZ28653		<20	0.05	<10	<10	30	<10	23
ZZ28654		<20	0.10	<10	<10	71	<10	47
ZZ28655		<20	0.08	<10	<10	64	<10	65
ZZ28656		<20	0.08	<10	<10	60	<10	43
ZZ28623		<20	0.08	<10	<10	60	<10	76
ZZ28624		<20	0.04	<10	<10	51	<10	70
ZZ28625		<20	0.03	<10	<10	58	<10	81
ZZ28626		<20	0.03	<10	<10	47	<10	90
ZZ28627		<20	0.03	<10	<10	53	<10	76
ZZ28628		<20	0.03	<10	<10	53	<10	118
ZZ28629		<20	0.04	<10	<10	54	<10	93
ZZ28630		<20	0.03	<10	<10	52	<10	71
ZZ28631		<20	0.03	<10	<10	53	<10	84
ZZ28632		<20	0.04	<10	<10	52	<10	101
ZZ28633		<20	0.03	<10	<10	47	<10	104
ZZ28634		<20	0.08	<10	<10	44	<10	48
ZZ28635		<20	0.08	<10	<10	58	<10	63
ZZ28636		<20	0.07	<10	<10	43	<10	59
ZZ28637		<20	0.08	<10	<10	53	<10	66
ZZ28638		<20	0.06	<10	<10	43	<10	59
ZZ28639		<20	0.06	<10	<10	46	<10	77
ZZ28640		<20	0.07	<10	<10	37	<10	52
ZZ28641		<20	0.05	<10	20	46	<10	95
ZZ28642		<20	0.04	<10	80	53	<10	119
ZZ28643		<20	0.03	<10	<10	27	<10	75
ZZ28644		<20	0.02	<10	<10	11	<10	12
ZZ28645		<20	0.04	<10	<10	30	<10	104
ZZ28646		<20	0.04	<10	<10	32	<10	35
ZZ28647		20	0.12	<10	<10	75	<10	85
ZZ28648		<20	0.07	<10	<10	57	<10	58
ZZ28649		<20	0.08	<10	<10	64	<10	93
ZZ28650		<20	0.09	<10	<10	60	<10	25
ZZ28571		<20	0.04	<10	<10	48	<10	65
ZZ28572		<20	0.03	<10	<10	27	<10	54
ZZ28573		<20	0.06	<10	<10	40	<10	65
ZZ28574		<20	0.03	<10	<10	44	<10	84
ZZ28575		<20	0.06	<10	<10	40	<10	66
ZZ28576		<20	0.06	<10	<10	43	<10	66

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11168986

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28577		0.46	0.001	0.2	1.16	2	<10	150	<0.5	4	0.27	<0.5	5	17	12	1.38
ZZ28578		0.40	<0.001	0.4	1.48	7	<10	270	<0.5	5	0.28	<0.5	7	17	15	2.11
ZZ28579		0.36	0.001	0.2	1.78	2	<10	170	<0.5	5	0.32	<0.5	4	24	19	1.53
ZZ28580		0.48	<0.001	<0.2	1.36	<2	<10	150	<0.5	5	0.33	<0.5	4	20	17	1.41
ZZ28581		0.24	0.001	0.3	1.72	6	<10	230	<0.5	3	0.35	<0.5	5	21	17	1.71
ZZ28582		0.28	0.001	0.3	1.76	2	<10	260	<0.5	4	0.38	<0.5	12	22	19	2.15
ZZ28583		0.46	0.002	0.3	1.71	7	<10	260	0.7	5	0.44	<0.5	7	25	23	2.44
ZZ28584		0.40	0.006	0.2	1.48	5	<10	220	<0.5	3	0.53	<0.5	7	19	19	2.16
ZZ28585		0.38	0.008	0.6	1.61	7	<10	270	0.7	6	0.45	<0.5	7	23	24	2.12
ZZ28586		0.36	0.001	0.6	1.83	3	<10	190	0.6	4	0.41	<0.5	9	21	85	2.76
ZZ28587		0.36	0.001	0.4	1.32	4	<10	210	<0.5	4	0.36	<0.5	5	19	15	1.76
ZZ28588		0.18	0.002	0.2	1.37	4	<10	190	<0.5	4	0.32	<0.5	6	22	16	1.99
ZZ28589		0.20	0.005	0.8	1.81	13	<10	390	0.7	5	0.47	<0.5	9	25	31	2.45
ZZ28590		0.24	0.004	0.3	1.45	22	<10	210	0.6	5	0.34	<0.5	10	24	28	3.09
ZZ28591		0.18	0.005	0.3	1.62	13	<10	270	0.5	4	0.37	<0.5	6	22	22	2.70
ZZ28592		0.24	<0.001	0.2	1.47	7	<10	240	<0.5	4	0.41	<0.5	6	22	18	1.99
ZZ28593		0.12	0.006	0.3	1.38	11	<10	250	0.5	4	0.65	<0.5	6	22	18	1.83
ZZ28594		0.10	0.002	<0.2	1.42	11	<10	240	<0.5	<2	0.76	<0.5	7	23	18	2.09
ZZ28595		0.20	0.002	0.2	1.52	16	<10	280	0.5	<2	0.57	<0.5	7	26	21	2.48
ZZ28596		0.18	0.001	0.6	1.65	10	<10	330	0.5	<2	0.52	0.7	6	25	25	2.32
ZZ28597		0.14	0.002	0.5	1.28	7	<10	240	<0.5	<2	0.66	<0.5	7	20	18	2.06
ZZ28598		0.18	0.004	0.5	1.70	4	<10	380	<0.5	<2	0.80	<0.5	7	25	24	2.38
ZZ28599		0.26	<0.001	0.3	1.54	4	<10	370	<0.5	<2	0.46	<0.5	5	21	19	1.58
ZZ28600		0.06	0.002	0.5	1.83	120	<10	390	0.7	<2	0.51	0.9	11	22	32	5.05

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11168986

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28577		<10	1	0.07	10	0.39	250	<1	0.02	8	590	13	0.02	2	2	15
ZZ28578		10	<1	0.07	10	0.50	624	1	0.02	6	530	14	0.03	7	3	20
ZZ28579		10	1	0.07	10	0.47	172	<1	0.02	9	470	17	0.03	<2	4	23
ZZ28580		<10	1	0.08	10	0.42	159	<1	0.02	8	480	11	0.03	3	3	19
ZZ28581		10	1	0.08	10	0.51	252	<1	0.03	9	510	20	0.05	2	4	24
ZZ28582		10	1	0.09	10	0.50	598	1	0.03	14	640	11	0.05	<2	4	27
ZZ28583		10	1	0.08	20	0.46	235	2	0.02	12	630	17	0.04	<2	4	25
ZZ28584		<10	<1	0.08	10	0.46	674	2	0.03	11	540	11	0.04	<2	4	32
ZZ28585		10	1	0.11	20	0.45	331	1	0.02	11	790	19	0.05	3	4	26
ZZ28586		10	<1	0.09	20	0.66	494	2	0.03	11	520	13	0.03	2	5	25
ZZ28587		<10	<1	0.06	10	0.39	298	1	0.02	8	610	16	0.04	<2	3	21
ZZ28588		<10	<1	0.08	10	0.48	267	1	0.02	11	460	11	0.02	<2	4	21
ZZ28589		10	1	0.10	20	0.52	813	1	0.02	12	650	20	0.05	2	6	32
ZZ28590		<10	1	0.08	10	0.53	665	3	0.03	10	550	17	0.03	2	5	24
ZZ28591		10	<1	0.07	10	0.43	254	2	0.03	9	500	16	0.03	2	5	27
ZZ28592		<10	<1	0.06	10	0.46	347	1	0.03	9	520	17	0.03	3	4	31
ZZ28593		<10	<1	0.06	10	0.41	150	2	0.02	9	640	16	0.08	<2	4	49
ZZ28594		<10	<1	0.07	10	0.44	238	1	0.01	13	680	17	0.06	<2	4	56
ZZ28595		<10	<1	0.10	10	0.51	409	1	0.01	13	490	15	0.03	2	4	40
ZZ28596		<10	<1	0.11	20	0.53	305	<1	0.02	12	510	13	0.03	<2	5	35
ZZ28597		<10	<1	0.07	10	0.37	378	1	0.02	9	590	14	0.03	2	3	46
ZZ28598		<10	<1	0.10	10	0.46	473	1	0.01	11	860	10	0.06	<2	5	58
ZZ28599		10	<1	0.09	20	0.51	218	<1	0.01	8	640	18	0.02	2	6	24
ZZ28600		<10	<1	0.08	20	0.47	1155	4	0.02	11	970	57	0.06	2	5	39

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2011
Account: ROCKHA

Project: Klaza - Soil

CERTIFICATE OF ANALYSIS WH11168986

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28577		<20	0.06	<10	<10	34	<10	53
ZZ28578		<20	0.06	<10	<10	47	<10	68
ZZ28579		<20	0.07	<10	<10	44	<10	63
ZZ28580		<20	0.06	<10	<10	34	<10	45
ZZ28581		<20	0.06	<10	<10	41	<10	67
ZZ28582		<20	0.06	<10	<10	45	<10	55
ZZ28583		<20	0.05	<10	<10	49	<10	54
ZZ28584		<20	0.06	<10	<10	45	<10	59
ZZ28585		<20	0.04	<10	<10	44	<10	96
ZZ28586		<20	0.07	<10	<10	58	<10	96
ZZ28587		<20	0.05	<10	<10	39	<10	106
ZZ28588		<20	0.08	<10	<10	40	<10	60
ZZ28589		<20	0.05	<10	<10	52	<10	102
ZZ28590		<20	0.08	<10	<10	53	<10	75
ZZ28591		<20	0.06	<10	10	51	<10	65
ZZ28592		<20	0.06	<10	<10	47	<10	68
ZZ28593		<20	0.05	<10	10	51	<10	76
ZZ28594		<20	0.06	<10	<10	51	<10	73
ZZ28595		<20	0.08	<10	<10	54	<10	64
ZZ28596		<20	0.09	<10	<10	56	<10	98
ZZ28597		<20	0.07	<10	<10	51	<10	57
ZZ28598		<20	0.06	<10	<10	51	<10	67
ZZ28599		<20	0.10	<10	<10	54	<10	69
ZZ28600		<20	0.04	<10	<10	64	<10	145

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Finalized Date: 25- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11168987

Project: Klaza TR- 26

P.O. No.: Batch 7

This report is for 2 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11168987

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K275985		1.65	0.385	14.3	0.37	378	<10	850	<0.5	11	0.13	20.6	5	3	282	4.60
K275986		1.56	0.156	2.4	0.62	161	<10	660	0.5	6	0.74	14.5	7	6	56	3.15

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Finalized Date: 25- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11168987

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K275985		<10	<1	0.26	20	0.03	1100	2	0.02	2	530	882	0.21	55	3	15
K275986		<10	<1	0.24	20	0.17	1360	2	0.04	2	580	445	0.16	3	5	31

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Finalized Date: 25- SEP- 2011
Account: ROCKHA

Project: Klaza TR- 26

CERTIFICATE OF ANALYSIS WH11168987

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K275985		<20	<0.01	<10	<10	13	<10	1845	14
K275986		<20	0.01	<10	<10	30	<10	1055	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11168988

Project: Klaza - DDH - 37

P.O. No.: Batch 2

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 37

CERTIFICATE OF ANALYSIS WH11168988

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K272947		3.03	>10.0	11.05	>100	0.33	>10000	<10	20	<0.5	138	1.35	245	4	2	2530
K272948		1.79	0.007		0.2	0.07	28	<10	40	<0.5	<2	18.4	<0.5	1	2	5
K272949		3.46	0.167		5.2	0.99	172	<10	770	0.9	<2	3.09	7.6	7	7	28
K272950		2.74	0.019		0.8	0.65	48	<10	140	0.9	<2	2.90	3.5	6	7	23
K972501		3.56	1.295		13.3	0.52	8030	<10	70	0.7	3	2.73	10.0	7	4	157
K972502		2.23	>10.0	34.0	>100	0.29	>10000	<10	20	0.5	169	2.32	110.5	2	1	1410
K972503		2.81	0.176		2.7	0.39	336	<10	60	0.5	3	1.59	7.8	6	3	70
K972504		4.86	0.031		0.9	0.53	84	<10	500	0.7	<2	2.53	0.8	7	4	58
K972505		2.27	>10.0	13.10	>100	0.46	>10000	<10	10	0.5	256	1.24	11.3	11	3	>10000
K972506		1.92	<0.005		<0.2	0.06	14	<10	20	<0.5	2	18.7	<0.5	1	<1	5
K972507		3.80	0.043		1.3	0.93	62	<10	210	0.8	<2	2.45	<0.5	6	4	135
K972508		5.24	0.007		0.4	0.95	10	<10	610	0.7	<2	2.47	<0.5	7	5	10
K972509		3.55	0.009		0.4	0.70	76	<10	990	0.7	<2	2.77	<0.5	6	4	12
K972510		3.55	0.005		0.3	0.43	24	<10	790	0.5	<2	3.34	<0.5	8	4	3
K972511		3.16	0.402		5.8	0.86	178	<10	330	0.5	<2	1.76	4.3	6	7	16
K972512		4.79	0.028		1.0	0.53	263	<10	490	0.6	<2	2.67	0.6	6	5	7
K972513		7.08	<0.005		<0.2	1.15	5	<10	340	0.5	<2	1.83	<0.5	7	9	7
K972514		6.83	<0.005		<0.2	1.20	4	<10	610	0.5	<2	1.81	<0.5	7	8	5
K972515		4.56	<0.005		<0.2	0.73	28	<10	1860	0.6	<2	3.35	<0.5	7	5	4
K972516		0.08	1.445		34.2	4.97	161	<10	40	<0.5	<2	4.77	34.5	88	60	7570
K972517		6.88	<0.005		<0.2	1.18	3	<10	300	0.5	<2	1.65	<0.5	7	8	9
K972518		6.00	<0.005		<0.2	1.13	24	<10	560	0.6	<2	2.32	<0.5	7	7	11
K972519		6.19	<0.005		<0.2	0.84	11	<10	930	0.6	<2	2.11	<0.5	7	7	6
K972520		4.96	<0.005		0.2	0.73	48	<10	390	0.7	<2	2.48	<0.5	7	5	5
K972521		5.30	<0.005		<0.2	1.07	3	<10	360	<0.5	<2	1.34	<0.5	7	8	8
K972522		0.08	1.470		35.9	4.86	156	<10	30	<0.5	4	4.71	34.0	86	59	7470
K972523		5.10	<0.005		0.2	1.13	8	<10	270	<0.5	10	1.62	<0.5	7	9	36
K972524		1.80	<0.005		<0.2	0.59	9	<10	390	0.6	3	2.54	<0.5	7	5	11
K972525		7.21	<0.005		<0.2	1.34	<2	<10	360	<0.5	<2	1.50	<0.5	7	11	9
K972526		3.63	<0.005		<0.2	1.26	3	<10	420	<0.5	<2	1.47	<0.5	7	11	8
K972527		7.43	<0.005		<0.2	1.35	<2	<10	380	<0.5	<2	1.82	<0.5	8	10	8
K972528		5.60	<0.005		<0.2	1.38	3	<10	370	<0.5	<2	1.70	<0.5	8	11	10

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 37

CERTIFICATE OF ANALYSIS WH11168988

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K272947		9.71	<10	2	0.25	10	0.35	15300	9	0.01	1	300	>10000	>10.0	351	2
K272948		0.48	<10	<1	0.05	<10	11.80	220	<1	0.02	1	220	14	0.04	<2	<1
K272949		2.66	<10	<1	0.19	10	1.14	1560	2	0.02	7	430	304	0.43	9	5
K272950		3.16	<10	<1	0.28	20	1.01	1420	1	0.01	5	1080	131	0.30	7	6
K972501		4.15	<10	<1	0.27	10	0.81	2340	5	0.01	6	580	810	2.45	40	4
K972502		12.00	<10	2	0.15	10	0.73	1890	7	0.01	2	330	>10000	>10.0	487	1
K972503		4.40	<10	<1	0.32	10	0.51	3950	1	0.01	2	590	442	3.13	16	4
K972504		2.84	<10	<1	0.27	20	0.82	1410	1	0.02	3	570	109	0.31	11	7
K972505		13.10	<10	1	0.26	10	0.47	1040	3	0.01	<1	380	452	>10.0	91	4
K972506		0.44	<10	<1	0.03	<10	11.75	200	<1	0.02	1	180	14	0.03	<2	<1
K972507		3.09	<10	<1	0.30	20	0.73	983	1	0.02	2	610	18	0.34	14	6
K972508		2.78	<10	<1	0.18	20	0.82	690	1	0.03	3	640	14	0.05	3	7
K972509		2.49	<10	<1	0.28	20	0.85	1085	1	0.02	3	540	14	0.13	4	6
K972510		2.48	<10	<1	0.30	10	0.89	1350	1	0.02	2	530	10	0.36	2	3
K972511		2.68	<10	<1	0.21	20	0.60	705	1	0.05	2	590	238	0.23	4	6
K972512		2.73	<10	<1	0.24	20	0.78	2480	1	0.02	3	550	83	0.28	6	8
K972513		2.83	<10	<1	0.23	20	0.77	676	<1	0.07	2	660	14	0.05	<2	7
K972514		2.81	10	<1	0.18	20	0.73	587	<1	0.05	2	650	15	0.04	<2	6
K972515		2.79	<10	<1	0.26	20	0.94	1110	<1	0.02	2	640	21	0.20	<2	5
K972516		8.46	10	2	0.25	<10	1.17	644	45	0.34	333	710	8930	7.84	28	4
K972517		2.85	<10	<1	0.19	20	0.76	596	<1	0.06	2	650	22	0.04	<2	6
K972518		3.04	<10	<1	0.32	20	0.82	969	<1	0.05	1	610	27	0.10	2	7
K972519		2.77	<10	<1	0.27	20	0.76	731	<1	0.05	2	620	14	0.10	<2	8
K972520		2.46	<10	<1	0.25	20	0.79	991	<1	0.01	1	540	17	0.17	2	8
K972521		2.62	<10	<1	0.19	20	0.71	548	1	0.06	1	610	9	0.02	<2	6
K972522		8.35	10	2	0.24	<10	1.15	632	43	0.33	327	710	8850	7.69	30	4
K972523		2.73	<10	<1	0.19	20	0.72	595	1	0.07	1	660	18	0.04	<2	7
K972524		2.54	<10	<1	0.26	20	0.68	787	<1	0.03	1	600	12	0.05	<2	5
K972525		2.80	10	<1	0.24	20	0.77	574	1	0.09	1	620	10	0.03	<2	6
K972526		2.80	<10	<1	0.23	20	0.78	575	2	0.08	2	650	14	0.03	<2	5
K972527		2.91	10	<1	0.24	20	0.81	646	1	0.08	1	660	8	0.04	<2	6
K972528		2.95	10	<1	0.24	20	0.84	641	<1	0.08	2	720	7	0.03	<2	7

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 37

CERTIFICATE OF ANALYSIS WH11168988

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
K272947		25	<20	<0.01	<10	<10	6	<10	>10000	133		1.255	2.02
K272948		51	<20	<0.01	<10	<10	2	<10	37	<1			
K272949		194	<20	<0.01	<10	10	31	<10	707	2			
K272950		143	<20	<0.01	<10	<10	36	<10	397	<1			
K972501		103	<20	<0.01	<10	<10	19	<10	952	11			
K972502		52	<20	<0.01	<10	10	6	<10	>10000	298		5.27	1.150
K972503		30	<20	<0.01	<10	<10	12	<10	1005	1			
K972504		65	<20	<0.01	<10	<10	31	<10	119	<1			
K972505		41	<20	<0.01	<10	<10	17	<10	1255	97	0.996		
K972506		47	<20	<0.01	<10	<10	1	<10	21	<1			
K972507		82	<20	<0.01	<10	<10	32	<10	84	1			
K972508		105	<20	0.01	<10	<10	40	<10	45	<1			
K972509		74	<20	<0.01	<10	<10	26	<10	53	<1			
K972510		99	<20	<0.01	<10	<10	13	<10	46	<1			
K972511		76	<20	0.03	<10	<10	44	20	525	5			
K972512		70	<20	<0.01	<10	<10	31	<10	83	<1			
K972513		77	<20	0.05	<10	<10	53	<10	52	<1			
K972514		82	<20	0.05	<10	<10	51	<10	47	<1			
K972515		114	<20	<0.01	<10	<10	30	<10	60	<1			
K972516		78	<20	0.06	<10	<10	333	<10	8080	31			
K972517		74	<20	0.06	<10	<10	53	<10	52	<1			
K972518		116	<20	0.04	<10	<10	49	<10	102	<1			
K972519		100	<20	0.04	<10	<10	44	<10	49	<1			
K972520		78	<20	<0.01	<10	<10	35	<10	58	<1			
K972521		70	<20	0.07	<10	<10	52	<10	47	<1			
K972522		76	<20	0.06	<10	<10	325	<10	8050	31			
K972523		78	20	0.04	<10	<10	52	<10	52	<1			
K972524		105	<20	0.01	<10	<10	29	<10	46	<1			
K972525		60	<20	0.10	<10	<10	61	<10	45	<1			
K972526		58	20	0.11	<10	<10	62	<10	46	<1			
K972527		65	<20	0.07	<10	<10	59	<10	49	<1			
K972528		67	20	0.07	<10	<10	61	<10	51	<1			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11168989

Project: Klaza- DDH- 39

P.O. No.: Batch 3

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- SEP- 2011
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Project: Klaza- DDH- 39

CERTIFICATE OF ANALYSIS WH11168989

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972601		5.62	<0.005	<0.2	0.50	31	<10	910	0.5	<2	1.76	1.1	7	3	9	2.66
K972602		4.60	<0.005	<0.2	1.28	5	<10	740	0.5	2	1.23	<0.5	9	7	12	2.99
K972603		2.76	<0.005	<0.2	0.47	7	<10	810	0.5	<2	1.86	<0.5	6	4	20	2.32
K972604		6.93	0.009	0.3	0.56	121	<10	400	0.7	<2	2.15	1.0	8	4	22	2.80
K972605		5.48	<0.005	<0.2	0.70	18	<10	320	0.5	<2	1.94	<0.5	6	6	7	2.32
K972606		5.45	<0.005	<0.2	0.55	8	<10	670	0.6	<2	2.34	<0.5	6	4	3	2.24
K972607		4.82	<0.005	<0.2	1.21	3	<10	270	<0.5	<2	1.34	<0.5	7	11	14	2.70
K972608		0.18	1.620	33.2	4.94	144	<10	40	<0.5	20	4.57	32.6	86	57	6990	8.24
K972609		4.98	0.008	0.2	0.51	107	<10	620	0.7	<2	2.59	<0.5	7	3	19	2.61
K972610		2.47	<0.005	<0.2	0.43	35	<10	570	0.7	3	1.98	<0.5	6	2	4	2.55
K972611		5.76	0.006	<0.2	0.40	25	<10	350	0.6	2	1.28	<0.5	8	3	2	2.31
K972612		2.30	0.008	0.9	0.44	10	<10	640	0.6	4	0.96	<0.5	9	3	2	2.12
K972613		2.56	0.008	<0.2	0.42	29	<10	470	0.5	3	2.10	<0.5	8	4	3	2.72
K972614		1.26	0.007	0.2	0.44	52	<10	140	0.6	3	1.30	<0.5	8	3	2	2.26
K972615		3.24	<0.005	<0.2	0.08	<2	<10	10	<0.5	<2	20.2	<0.5	1	2	6	0.48
K972616		3.18	0.014	<0.2	0.31	120	<10	280	<0.5	2	1.71	1.0	4	3	4	2.62
K972617		5.79	0.005	<0.2	0.44	15	<10	270	0.6	3	1.96	<0.5	7	4	2	2.44
K972618		2.19	<0.005	<0.2	0.38	8	<10	90	0.5	2	2.83	<0.5	6	4	2	2.94
K972619		3.05	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	18.9	<0.5	<1	1	1	0.43
K972620		6.15	<0.005	<0.2	0.60	4	<10	270	0.6	2	2.43	<0.5	7	5	3	2.50
K972621		5.96	<0.005	<0.2	0.85	<2	<10	290	<0.5	<2	2.02	<0.5	7	7	5	2.51
K972622		6.19	<0.005	<0.2	0.67	3	<10	220	0.5	<2	2.10	<0.5	8	6	5	2.51
K972623		6.23	<0.005	<0.2	0.47	14	<10	390	0.6	<2	2.55	<0.5	7	5	5	2.41
K972624		5.13	<0.005	<0.2	0.76	12	<10	370	0.6	2	2.53	<0.5	7	5	6	2.87
K972625		2.57	0.008	<0.2	0.50	74	<10	400	0.8	4	2.59	1.4	8	2	6	2.83
K972626		7.17	<0.005	<0.2	0.68	5	<10	870	0.5	<2	2.93	<0.5	7	5	3	2.58
K972627		5.05	<0.005	<0.2	0.87	2	<10	390	0.5	<2	2.46	<0.5	7	5	5	2.67
K972628		4.55	<0.005	<0.2	0.87	4	<10	220	0.5	<2	2.15	<0.5	7	6	5	2.66
K972629		6.55	<0.005	0.2	0.51	28	<10	410	0.6	2	1.91	2.2	8	3	7	2.62
K972630		4.29	<0.005	<0.2	0.58	10	<10	250	0.5	<2	2.61	<0.5	6	4	4	2.47
K972631		2.23	<0.005	<0.2	0.52	11	<10	340	0.5	<2	2.58	<0.5	7	6	6	2.48
K972632		7.45	<0.005	<0.2	1.31	5	<10	550	<0.5	2	2.42	<0.5	7	9	5	2.79
K972633		0.18	1.380	33.7	5.09	145	<10	40	<0.5	20	4.70	33.1	86	58	7220	8.47
K972634		7.69	<0.005	<0.2	1.38	9	<10	330	<0.5	<2	1.43	<0.5	7	11	17	2.85
K972635		3.08	<0.005	<0.2	1.35	8	<10	310	<0.5	2	1.44	<0.5	7	10	8	2.78

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 39

CERTIFICATE OF ANALYSIS WH11168989

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972601		<10	<1	0.24	20	0.65	1640	<1	0.01	<1	600	31	0.35	<2	6	71
K972602		10	1	0.23	30	0.78	872	1	0.02	2	670	21	0.04	<2	7	93
K972603		<10	<1	0.27	20	0.54	1040	1	0.02	1	490	14	0.14	2	4	74
K972604		<10	<1	0.28	20	0.65	1635	3	0.02	2	570	71	0.33	10	7	81
K972605		<10	<1	0.27	20	0.51	932	2	0.03	1	630	14	0.12	2	5	96
K972606		<10	<1	0.34	20	0.48	1375	2	0.02	1	590	11	0.20	<2	4	104
K972607		10	<1	0.20	20	0.75	642	1	0.09	1	640	8	0.02	<2	5	60
K972608		10	<1	0.23	10	1.12	615	45	0.34	314	660	8370	6.94	27	4	77
K972609		<10	1	0.35	10	0.66	2350	1	0.02	2	560	38	0.59	5	4	85
K972610		<10	<1	0.33	20	0.58	1735	<1	0.01	1	580	17	0.23	3	4	99
K972611		<10	<1	0.33	10	0.47	1345	1	0.01	1	570	20	0.26	<2	2	48
K972612		<10	<1	0.39	20	0.37	1065	<1	0.01	1	620	21	0.31	<2	2	47
K972613		<10	<1	0.30	10	0.77	1655	2	0.01	2	420	33	0.43	<2	2	80
K972614		<10	<1	0.33	10	0.49	1355	<1	0.01	1	590	23	0.27	<2	3	63
K972615		<10	<1	0.04	<10	12.40	209	<1	0.02	5	210	6	0.02	<2	<1	49
K972616		<10	<1	0.24	10	0.58	2010	3	0.01	1	260	33	0.78	3	2	50
K972617		<10	<1	0.35	10	0.67	1930	<1	0.01	3	580	42	0.23	<2	3	80
K972618		<10	<1	0.28	10	0.81	2000	<1	0.01	2	460	11	0.27	<2	3	88
K972619		<10	<1	0.02	<10	11.45	197	<1	0.01	1	180	4	0.02	<2	<1	47
K972620		<10	<1	0.30	20	0.61	1155	2	0.03	1	610	9	0.12	<2	5	118
K972621		<10	<1	0.24	20	0.70	722	1	0.05	1	620	7	0.07	<2	5	102
K972622		<10	<1	0.28	20	0.52	900	<1	0.04	2	620	8	0.13	<2	5	115
K972623		<10	<1	0.31	10	0.67	1220	<1	0.02	1	590	10	0.17	2	4	130
K972624		<10	<1	0.24	20	0.79	1110	<1	0.05	3	620	9	0.05	<2	8	158
K972625		<10	1	0.32	10	0.81	3750	<1	0.02	1	550	47	0.60	2	4	141
K972626		<10	<1	0.27	20	0.71	1025	1	0.04	<1	590	9	0.09	<2	5	154
K972627		<10	<1	0.24	20	0.68	873	<1	0.04	1	650	7	0.05	<2	6	144
K972628		<10	<1	0.25	20	0.63	861	<1	0.05	1	600	6	0.09	<2	5	115
K972629		<10	<1	0.28	20	0.55	1165	<1	0.02	3	580	86	0.25	<2	4	122
K972630		<10	<1	0.26	20	0.71	915	<1	0.02	2	570	10	0.13	<2	5	142
K972631		<10	<1	0.24	20	0.78	808	<1	0.03	1	560	7	0.06	<2	5	158
K972632		10	<1	0.23	20	0.77	755	<1	0.09	1	620	8	0.02	<2	6	145
K972633		10	1	0.24	10	1.15	628	45	0.34	318	680	8500	7.18	23	4	81
K972634		10	<1	0.21	20	0.79	767	<1	0.09	2	630	26	0.03	<2	6	114
K972635		10	<1	0.20	20	0.79	793	<1	0.08	2	610	25	0.02	<2	6	112

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 39

CERTIFICATE OF ANALYSIS WH11168989

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972601		<20	<0.01	<10	<10	28	<10	134	1
K972602		20	0.02	<10	<10	46	<10	57	1
K972603		<20	<0.01	<10	<10	20	<10	57	1
K972604		<20	<0.01	<10	<10	28	<10	110	<1
K972605		20	0.01	<10	<10	29	<10	52	<1
K972606		20	<0.01	<10	<10	17	<10	45	1
K972607		20	0.12	<10	<10	61	<10	47	<1
K972608		<20	0.05	<10	<10	308	20	7750	30
K972609		<20	<0.01	<10	<10	14	<10	74	<1
K972610		<20	<0.01	<10	<10	11	<10	40	<1
K972611		<20	<0.01	<10	<10	8	<10	47	<1
K972612		<20	<0.01	<10	<10	7	<10	35	1
K972613		<20	<0.01	<10	<10	21	<10	73	<1
K972614		<20	<0.01	<10	<10	8	<10	49	<1
K972615		<20	<0.01	<10	<10	2	<10	18	1
K972616		<20	<0.01	<10	<10	12	<10	108	<1
K972617		<20	<0.01	<10	<10	10	<10	52	<1
K972618		<20	<0.01	<10	<10	12	<10	48	<1
K972619		<20	<0.01	<10	<10	1	<10	12	<1
K972620		<20	<0.01	<10	<10	24	<10	45	<1
K972621		20	0.02	<10	<10	37	<10	44	<1
K972622		<20	0.01	<10	<10	27	<10	45	<1
K972623		<20	<0.01	<10	<10	15	<10	49	<1
K972624		<20	0.02	<10	<10	42	<10	57	<1
K972625		<20	<0.01	<10	<10	14	<10	149	<1
K972626		<20	<0.01	<10	<10	29	<10	53	<1
K972627		<20	0.01	<10	<10	34	<10	49	<1
K972628		<20	0.01	<10	<10	35	<10	47	<1
K972629		<20	<0.01	<10	<10	18	<10	247	<1
K972630		<20	<0.01	<10	<10	26	<10	46	<1
K972631		<20	<0.01	<10	<10	27	<10	40	<1
K972632		<20	0.05	<10	<10	53	<10	51	<1
K972633		<20	0.05	<10	<10	316	20	7930	30
K972634		<20	0.09	<10	<10	61	<10	100	<1
K972635		20	0.08	<10	<10	58	<10	104	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11171054

Project: Klaza - DDH - 49

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 49

CERTIFICATE OF ANALYSIS WH11171054

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863490		5.15	<0.005	<0.2	1.31	6	<10	770	<0.5	<2	1.56	<0.5	6	8	6	2.72
K863491		6.21	<0.005	<0.2	1.39	2	<10	820	<0.5	<2	0.89	<0.5	7	8	80	2.82
K863492		5.58	<0.005	<0.2	1.22	<2	<10	770	<0.5	<2	1.17	<0.5	6	8	44	2.67
K863493		6.49	<0.005	<0.2	1.16	<2	<10	530	0.5	<2	1.59	<0.5	7	7	57	2.88
K863494		4.33	<0.005	<0.2	1.11	4	<10	500	0.7	<2	2.43	<0.5	6	6	85	2.78
K863495		4.93	<0.005	<0.2	1.11	<2	<10	570	0.6	<2	1.90	<0.5	7	6	58	2.82
K863496		4.51	<0.005	<0.2	0.82	3	<10	450	0.7	<2	2.26	<0.5	6	4	24	2.70
K863497		2.94	<0.005	<0.2	0.46	<2	<10	2730	<0.5	<2	2.84	<0.5	5	3	4	2.20
K863498		2.17	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.3	<0.5	1	<1	4	0.48
K863499		3.73	<0.005	<0.2	0.53	<2	<10	1740	0.5	<2	3.47	<0.5	7	2	3	2.66
K863500		3.32	<0.005	<0.2	0.48	<2	<10	1830	<0.5	<2	4.90	<0.5	5	3	4	2.22
K863501		3.91	<0.005	<0.2	0.55	<2	<10	2430	0.5	<2	3.63	<0.5	6	4	5	2.50
K863502		3.75	<0.005	<0.2	0.52	51	<10	1440	0.5	<2	3.51	<0.5	6	4	3	2.27
K863503		1.76	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	19.0	<0.5	<1	1	4	0.51
K863504		6.33	<0.005	<0.2	0.67	5	<10	500	0.5	<2	2.52	<0.5	7	6	5	2.69
K863505		7.11	<0.005	<0.2	1.30	<2	<10	480	<0.5	<2	1.49	<0.5	6	10	6	2.62
K863506		0.07	1.635	32.7	5.03	143	<10	40	<0.5	11	4.62	32.6	83	57	7540	8.43
K863507		6.89	<0.005	<0.2	1.37	<2	<10	570	<0.5	<2	1.28	<0.5	6	10	8	2.73
K863508		6.94	<0.005	<0.2	1.29	<2	<10	540	<0.5	<2	1.34	<0.5	7	9	7	2.64
K863509		3.43	<0.005	<0.2	1.36	<2	<10	640	<0.5	<2	1.40	<0.5	7	9	9	2.84
K863510		3.32	<0.005	<0.2	1.16	<2	<10	580	<0.5	<2	1.25	<0.5	6	9	9	2.69
K863511		6.64	<0.005	<0.2	1.31	<2	<10	470	<0.5	<2	1.52	<0.5	7	12	7	2.93
K863512		6.98	<0.005	<0.2	1.32	<2	<10	670	<0.5	<2	1.19	<0.5	6	10	7	2.67
K863513		6.91	<0.005	<0.2	1.42	<2	<10	590	<0.5	<2	1.28	<0.5	6	11	6	2.68
K863514		7.62	<0.005	<0.2	1.51	<2	<10	760	<0.5	<2	1.18	<0.5	6	10	6	2.67
K863515		6.33	<0.005	<0.2	1.02	2	<10	770	<0.5	<2	0.82	<0.5	6	10	5	2.43
K863516		7.18	<0.005	<0.2	1.34	2	<10	740	<0.5	<2	1.04	<0.5	6	10	4	2.72
K863517		0.09	1.635	33.1	4.76	145	<10	40	<0.5	<2	4.45	32.1	82	56	7120	8.37
K863518		7.25	<0.005	<0.2	1.45	2	<10	760	<0.5	<2	1.27	<0.5	7	10	7	2.77
K863519		6.82	<0.005	<0.2	1.25	3	<10	540	<0.5	<2	1.24	<0.5	6	11	8	2.66
K863520		3.23	<0.005	<0.2	1.24	2	<10	520	<0.5	<2	1.22	<0.5	6	9	6	2.50
K863521		6.29	<0.005	<0.2	1.07	3	<10	470	<0.5	<2	1.37	<0.5	6	9	6	2.54
K863522		1.79	<0.005	<0.2	0.39	4	<10	1650	<0.5	<2	4.10	<0.5	6	3	2	2.37
K863523		7.38	<0.005	0.4	1.23	<2	<10	690	<0.5	<2	1.24	<0.5	6	9	6	2.60
K863524		7.06	<0.005	<0.2	1.24	<2	<10	880	<0.5	<2	1.39	<0.5	6	10	6	2.77
K863525		7.42	<0.005	<0.2	1.24	3	<10	480	<0.5	<2	1.74	<0.5	7	9	7	2.71

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Finalized Date: 30- SEP- 2011
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Project: Klaza - DDH - 49

CERTIFICATE OF ANALYSIS WH11171054

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863490		<10	<1	0.44	20	0.47	632	<1	0.11	2	620	5	0.01	<2	7	46
K863491		<10	<1	0.49	20	0.62	522	<1	0.12	2	680	7	0.01	5	6	40
K863492		<10	1	0.47	20	0.51	547	1	0.12	2	610	6	0.01	<2	6	48
K863493		<10	1	0.32	20	0.57	596	1	0.08	2	650	7	0.01	2	8	65
K863494		<10	<1	0.29	20	0.25	964	1	0.03	1	640	10	0.01	9	9	42
K863495		<10	1	0.36	20	0.41	641	1	0.05	1	650	10	0.01	3	9	67
K863496		<10	<1	0.32	20	0.17	881	1	0.01	2	650	11	0.01	6	9	37
K863497		<10	<1	0.31	20	0.60	984	8	0.01	1	580	11	0.10	2	4	76
K863498		<10	<1	0.02	<10	12.45	215	<1	0.02	3	190	<2	0.02	<2	<1	50
K863499		<10	<1	0.35	20	0.94	1190	<1	0.02	1	630	7	0.08	<2	5	98
K863500		<10	<1	0.33	20	1.93	866	<1	0.01	1	590	6	0.06	2	4	106
K863501		<10	<1	0.36	20	0.76	765	2	0.02	1	640	7	0.09	2	4	125
K863502		<10	<1	0.37	20	0.87	1515	1	0.01	2	580	9	0.12	2	4	121
K863503		<10	<1	0.02	<10	12.25	226	<1	0.02	2	210	<2	0.04	<2	<1	51
K863504		<10	<1	0.29	20	0.66	1010	1	0.04	2	680	9	0.07	<2	8	138
K863505		<10	<1	0.31	20	0.79	534	1	0.12	2	630	6	0.01	<2	6	76
K863506		<10	1	0.25	<10	1.16	640	45	0.34	336	710	8690	7.62	24	4	79
K863507		<10	<1	0.35	20	0.71	551	1	0.12	2	650	8	0.01	<2	6	76
K863508		<10	<1	0.33	20	0.70	547	1	0.11	2	620	8	0.01	<2	6	78
K863509		<10	<1	0.40	20	0.75	571	1	0.13	2	700	6	0.01	<2	7	87
K863510		<10	<1	0.36	20	0.61	535	1	0.10	3	650	6	0.01	<2	6	69
K863511		<10	<1	0.30	20	0.73	591	1	0.10	3	690	6	0.01	<2	8	82
K863512		<10	1	0.35	20	0.69	521	1	0.12	2	670	6	0.01	<2	5	63
K863513		<10	<1	0.36	20	0.72	523	1	0.12	2	670	7	0.01	<2	5	63
K863514		<10	<1	0.45	20	0.71	516	1	0.16	2	650	6	0.01	<2	5	62
K863515		10	<1	0.43	20	0.64	428	<1	0.06	2	620	5	0.01	<2	3	34
K863516		10	<1	0.43	20	0.70	481	<1	0.13	<1	640	5	0.01	<2	5	54
K863517		10	<1	0.23	10	1.13	619	38	0.33	320	670	8480	7.19	25	4	74
K863518		10	<1	0.46	20	0.71	567	1	0.16	3	650	8	<0.01	<2	6	68
K863519		10	1	0.33	20	0.70	503	<1	0.10	<1	610	8	0.02	<2	5	63
K863520		10	<1	0.33	20	0.66	477	<1	0.11	<1	580	5	0.02	<2	5	64
K863521		10	1	0.30	20	0.64	515	1	0.09	<1	580	5	0.02	<2	5	70
K863522		<10	1	0.33	30	1.11	1180	<1	0.02	<1	560	7	0.06	<2	4	177
K863523		10	<1	0.38	20	0.65	493	<1	0.12	<1	600	5	0.01	<2	5	70
K863524		10	<1	0.41	20	0.69	533	3	0.13	1	620	6	0.02	<2	6	91
K863525		10	<1	0.25	20	0.75	574	1	0.08	1	620	5	0.02	<2	5	88

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza - DDH - 49

CERTIFICATE OF ANALYSIS WH11171054

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863490		<20	0.12	<10	<10	59	<10	48	<1
K863491		<20	0.16	<10	<10	63	<10	49	<1
K863492		<20	0.14	<10	<10	58	<10	44	1
K863493		<20	0.07	<10	<10	54	<10	48	<1
K863494		<20	0.03	<10	<10	52	<10	71	<1
K863495		<20	0.07	<10	<10	56	<10	56	<1
K863496		<20	0.01	<10	<10	38	<10	61	1
K863497		<20	<0.01	<10	<10	11	<10	44	<1
K863498		<20	<0.01	<10	10	2	<10	12	<1
K863499		<20	<0.01	<10	<10	12	<10	51	<1
K863500		<20	<0.01	<10	<10	14	<10	40	<1
K863501		<20	<0.01	<10	<10	14	<10	47	<1
K863502		<20	<0.01	<10	<10	13	<10	49	<1
K863503		<20	<0.01	<10	10	1	<10	13	<1
K863504		<20	0.01	<10	<10	37	<10	50	<1
K863505		<20	0.12	<10	<10	59	<10	42	<1
K863506		<20	0.06	<10	10	322	<10	7530	30
K863507		<20	0.14	<10	<10	63	<10	45	<1
K863508		<20	0.12	<10	<10	60	<10	44	<1
K863509		<20	0.13	<10	<10	68	<10	46	<1
K863510		<20	0.12	<10	<10	59	<10	42	<1
K863511		<20	0.10	<10	<10	64	<10	50	<1
K863512		<20	0.17	<10	<10	65	<10	41	<1
K863513		<20	0.17	<10	<10	65	<10	43	<1
K863514		<20	0.19	<10	<10	68	<10	42	<1
K863515		<20	0.20	<10	<10	62	<10	40	<1
K863516		<20	0.20	<10	<10	70	<10	40	<1
K863517		<20	0.05	<10	10	314	30	7590	31
K863518		20	0.17	<10	<10	68	<10	46	<1
K863519		<20	0.14	<10	<10	61	<10	40	<1
K863520		<20	0.13	<10	<10	58	<10	38	<1
K863521		20	0.09	<10	<10	52	<10	38	1
K863522		20	<0.01	<10	<10	14	<10	39	<1
K863523		20	0.14	<10	<10	60	10	36	<1
K863524		<20	0.12	<10	<10	60	10	38	1
K863525		<20	0.07	<10	<10	51	<10	40	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11171055

Project: Klaza - DDH - 36

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 36

CERTIFICATE OF ANALYSIS WH11171055

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269926		3.47	0.730	5.7	0.36	2060	<10	30	0.7	<2	2.44	30.8	5	2	19	4.00
K269927		5.72	0.067	3.0	0.42	294	<10	40	0.8	<2	2.38	4.3	6	3	87	2.97
K269928		5.66	<0.005	0.5	0.94	12	<10	270	<0.5	<2	1.64	<0.5	6	8	23	2.69
K269929		7.78	0.018	2.5	0.49	97	<10	590	0.7	<2	2.28	<0.5	4	4	173	2.80
K269930		9.27	<0.005	0.2	0.76	13	<10	300	0.5	<2	1.68	<0.5	4	6	21	2.46
K269931		3.96	0.223	66.5	0.48	505	<10	70	0.7	<2	1.82	6.3	6	5	435	3.29
K269932		2.13	<0.005	<0.2	0.04	2	<10	30	<0.5	<2	20.0	<0.5	<1	<1	5	0.44
K269933		4.64	0.050	0.9	0.44	219	<10	160	0.9	<2	2.42	1.3	4	3	12	2.50
K269934		3.35	0.008	<0.2	0.67	167	<10	820	0.8	<2	1.85	<0.5	5	5	7	2.39
K269935		4.43	0.189	39.5	0.48	563	<10	90	0.8	<2	2.51	11.7	5	4	341	2.82
K269936		1.68	<0.005	<0.2	0.03	2	<10	20	<0.5	<2	19.6	<0.5	<1	<1	3	0.44
K269937		3.94	0.007	0.6	0.48	72	<10	200	0.8	<2	3.54	<0.5	5	4	47	2.15
K269938		4.11	0.089	12.5	0.47	254	<10	50	0.8	2	2.35	2.3	5	4	164	3.04
K269939		5.87	<0.005	<0.2	1.11	3	<10	380	<0.5	<2	1.15	<0.5	5	9	7	2.48
K269940		3.63	0.007	<0.2	0.48	9	<10	330	0.6	<2	2.17	<0.5	3	5	5	2.54
K269941		9.64	0.084	19.5	0.40	47	<10	360	0.5	<2	1.51	9.6	4	5	41	2.02
K269942		9.11	<0.005	<0.2	1.14	15	<10	250	0.5	<2	1.39	<0.5	9	7	29	2.53
K269943		0.10	1.495	32.5	4.65	148	<10	40	<0.5	27	4.52	31.2	84	56	7000	8.05
K269944		8.18	0.015	0.5	1.25	64	<10	290	<0.5	<2	1.32	<0.5	19	7	101	2.80
K269945		4.85	0.016	2.1	0.99	30	<10	190	0.5	<2	2.82	7.0	9	6	67	2.53
K269946		7.61	0.006	0.3	1.25	10	<10	310	<0.5	<2	2.32	<0.5	5	7	19	2.70
K269947		8.60	<0.005	0.2	1.05	5	<10	240	<0.5	<2	1.46	<0.5	6	8	9	2.44
K269948		8.18	0.032	0.9	0.40	165	<10	60	0.7	<2	2.92	0.6	4	3	10	2.81
K269949		5.50	0.038	4.4	0.47	75	<10	360	0.6	<2	2.53	2.1	4	3	14	2.74
K269950		9.13	0.013	1.2	1.08	11	<10	220	<0.5	<2	1.31	<0.5	5	9	8	2.58
K269951		11.65	<0.005	<0.2	1.06	8	<10	200	<0.5	<2	1.64	<0.5	5	8	6	2.56
K269952		5.10	<0.005	<0.2	1.10	8	<10	360	<0.5	<2	1.84	<0.5	5	8	6	2.61
K269953		5.91	<0.005	0.2	1.38	4	<10	130	<0.5	<2	2.66	<0.5	4	7	15	3.01
K269954		7.34	<0.005	<0.2	1.17	4	<10	110	0.5	<2	1.67	<0.5	5	7	10	2.61
K269955		0.10	1.615	31.3	4.77	147	<10	40	<0.5	9	4.60	31.6	82	57	7150	8.14
K269956		3.84	0.005	<0.2	1.13	2	<10	170	<0.5	<2	1.34	<0.5	6	7	26	2.53
K269957		3.43	0.015	0.3	0.85	24	<10	540	0.5	<2	2.94	<0.5	5	5	11	2.65
K269958		8.65	<0.005	0.2	1.01	4	<10	320	0.5	<2	1.64	<0.5	5	6	11	2.53
K269959		4.65	<0.005	0.2	1.04	3	<10	510	<0.5	<2	1.71	<0.5	6	7	9	2.50
K269960		9.14	<0.005	<0.2	1.00	2	<10	350	<0.5	<2	1.34	<0.5	5	8	7	2.34
K269961		10.60	<0.005	<0.2	1.11	5	<10	210	<0.5	<2	1.27	<0.5	8	8	5	2.35

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 36

CERTIFICATE OF ANALYSIS WH11171055

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269926		<10	<1	0.22	10	0.59	5940	3	<0.01	1	470	859	3.32	26	4	69
K269927		<10	<1	0.25	10	0.60	4290	1	<0.01	<1	550	55	1.91	36	5	82
K269928		<10	<1	0.22	20	0.65	712	1	0.06	<1	600	207	0.07	<2	6	84
K269929		<10	<1	0.26	20	0.64	1845	<1	0.02	<1	550	189	0.49	18	5	88
K269930		<10	<1	0.23	20	0.62	752	<1	0.04	1	600	9	0.10	2	5	76
K269931		<10	2	0.27	20	0.53	2310	4	0.01	<1	520	2660	1.76	235	6	67
K269932		<10	<1	0.02	<10	12.65	203	<1	0.01	<1	190	10	0.01	<2	<1	52
K269933		<10	<1	0.26	20	0.65	2450	1	0.01	<1	550	66	1.03	16	5	93
K269934		<10	<1	0.24	20	0.60	1230	<1	0.02	1	570	22	0.30	5	7	87
K269935		<10	1	0.23	20	0.56	2860	1	0.01	<1	490	2710	1.35	145	6	90
K269936		<10	<1	0.02	<10	12.45	210	<1	0.01	<1	180	8	0.01	<2	<1	49
K269937		<10	<1	0.24	20	0.62	1745	<1	0.01	1	550	38	0.56	14	7	150
K269938		<10	<1	0.30	20	0.63	2770	1	0.01	1	500	857	1.73	61	5	88
K269939		<10	<1	0.25	20	0.62	442	<1	0.11	1	560	11	0.01	<2	5	67
K269940		<10	<1	0.21	20	0.57	831	<1	0.03	<1	580	14	0.05	3	5	85
K269941		<10	<1	0.18	20	0.43	1205	1	0.02	<1	440	3230	0.37	27	4	61
K269942		10	<1	0.20	20	0.64	456	1	0.06	1	560	17	0.19	2	5	78
K269943		10	1	0.23	10	1.12	592	48	0.32	305	680	8070	7.04	27	4	77
K269944		10	<1	0.21	20	0.73	496	9	0.07	7	560	33	0.60	4	6	78
K269945		<10	<1	0.19	20	0.64	1230	3	0.03	3	590	297	0.34	15	6	116
K269946		10	<1	0.24	20	0.74	832	1	0.04	2	540	15	0.09	3	5	94
K269947		<10	<1	0.19	20	0.61	472	1	0.06	2	560	13	0.03	2	5	85
K269948		<10	1	0.24	10	0.77	2700	1	<0.01	1	520	34	1.72	10	6	105
K269949		<10	1	0.26	20	0.65	1560	1	0.02	1	570	154	0.63	12	5	100
K269950		<10	<1	0.20	20	0.66	825	<1	0.07	1	570	17	0.05	3	5	74
K269951		<10	<1	0.16	20	0.69	654	<1	0.05	2	570	11	0.06	2	4	76
K269952		<10	<1	0.17	20	0.70	985	<1	0.06	3	590	11	0.08	2	5	84
K269953		10	<1	0.21	20	0.77	933	<1	0.03	1	610	9	0.04	<2	4	124
K269954		10	<1	0.14	20	0.69	491	<1	0.04	2	570	11	0.03	<2	5	127
K269955		10	<1	0.23	10	1.16	612	47	0.33	305	660	8300	7.23	27	4	74
K269956		<10	<1	0.16	20	0.65	439	1	0.06	3	560	16	0.03	2	5	95
K269957		<10	<1	0.23	20	0.73	2030	<1	0.04	2	520	18	0.40	3	5	131
K269958		<10	<1	0.21	20	0.68	1090	1	0.05	2	580	18	0.04	3	6	97
K269959		<10	<1	0.20	20	0.59	521	<1	0.06	2	590	12	0.03	3	5	107
K269960		<10	<1	0.22	20	0.62	422	1	0.08	1	570	12	0.01	2	5	83
K269961		<10	1	0.18	20	0.69	409	1	0.06	1	560	12	0.02	3	5	95

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VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 36

CERTIFICATE OF ANALYSIS WH11171055

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269926		<20	<0.01	<10	<10	6	<10	1945	5
K269927		<20	<0.01	<10	<10	12	<10	384	3
K269928		<20	0.04	<10	<10	46	<10	58	1
K269929		<20	<0.01	<10	<10	23	<10	50	2
K269930		<20	0.02	<10	<10	36	<10	34	1
K269931		<20	<0.01	<10	10	23	<10	737	59
K269932		<20	<0.01	<10	<10	1	<10	21	<1
K269933		<20	<0.01	<10	<10	15	<10	212	<1
K269934		<20	0.01	<10	<10	30	<10	48	<1
K269935		<20	<0.01	<10	<10	20	<10	1655	35
K269936		<20	<0.01	<10	<10	<1	<10	22	<1
K269937		<20	<0.01	<10	<10	22	<10	54	1
K269938		<20	<0.01	<10	<10	14	<10	309	12
K269939		<20	0.11	<10	<10	50	<10	36	<1
K269940		20	<0.01	<10	<10	29	<10	58	<1
K269941		20	<0.01	<10	<10	19	<10	991	17
K269942		20	0.06	<10	<10	45	<10	45	2
K269943		<20	0.05	<10	<10	310	<10	7320	31
K269944		<20	0.04	<10	<10	44	<10	61	1
K269945		<20	0.01	<10	<10	37	<10	724	2
K269946		<20	0.01	<10	<10	36	<10	56	<1
K269947		<20	0.07	<10	<10	47	<10	39	<1
K269948		<20	<0.01	<10	<10	15	<10	83	<1
K269949		<20	<0.01	<10	<10	22	<10	330	5
K269950		<20	0.07	<10	<10	49	<10	55	2
K269951		<20	0.06	<10	<10	47	<10	53	1
K269952		<20	0.05	<10	<10	48	<10	54	<1
K269953		<20	0.02	<10	<10	46	<10	43	1
K269954		<20	0.03	<10	<10	47	<10	32	<1
K269955		<20	0.05	<10	<10	312	<10	7560	29
K269956		<20	0.05	<10	<10	47	<10	57	<1
K269957		<20	<0.01	<10	<10	28	<10	54	<1
K269958		<20	0.04	<10	<10	43	<10	52	<1
K269959		<20	0.07	<10	<10	49	<10	32	<1
K269960		<20	0.09	<10	<10	50	<10	30	<1
K269961		<20	0.07	<10	<10	47	<10	37	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 3- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11171057

Project: Klaza DDH- 54

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11171057

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863387		5.22	<0.005	<0.2	1.03	2	<10	540	0.5	<2	1.63	<0.5	7	9	7	2.69
K863388		1.39	<0.005	<0.2	0.69	3	<10	2930	0.6	<2	3.62	<0.5	6	6	5	2.60
K863389		8.58	<0.005	<0.2	1.01	<2	<10	520	<0.5	<2	1.52	<0.5	6	10	6	2.60
K863390		6.91	<0.005	<0.2	0.68	3	<10	590	0.8	<2	2.69	<0.5	7	5	4	2.62
K863391		6.85	0.006	<0.2	1.03	2	<10	450	<0.5	<2	1.42	<0.5	7	9	7	2.64
K863392		6.97	<0.005	<0.2	0.91	<2	<10	510	0.5	<2	1.64	<0.5	6	8	7	2.55
K863393		4.84	<0.005	<0.2	0.91	3	<10	400	0.6	<2	1.87	<0.5	7	8	8	2.61
K863394		1.47	<0.005	<0.2	0.57	2	<10	520	0.7	<2	3.68	<0.5	8	4	20	2.66
K863395		2.39	0.005	<0.2	0.04	<2	<10	10	<0.5	<2	18.9	<0.5	1	1	2	0.43
K863396		4.92	<0.005	<0.2	0.49	4	<10	1350	0.7	<2	2.65	<0.5	6	5	22	2.49
K863397		3.22	<0.005	<0.2	0.54	4	<10	580	0.7	<2	2.54	<0.5	7	5	6	2.44
K863398		1.27	<0.005	0.2	0.58	2	<10	580	0.7	<2	2.53	<0.5	7	6	7	2.57
K863399		7.35	<0.005	<0.2	0.87	2	<10	530	0.5	<2	1.63	<0.5	7	8	8	2.64
K863400		7.03	<0.005	<0.2	0.84	<2	<10	640	0.5	<2	1.84	<0.5	6	8	6	2.56
K863401		4.68	<0.005	<0.2	0.97	3	<10	510	<0.5	<2	1.60	<0.5	6	9	6	2.71
K863402		0.12	1.500	32.6	4.86	142	<10	30	<0.5	20	4.64	31.9	81	58	7130	8.20
K863403		3.79	<0.005	<0.2	0.78	3	<10	410	0.7	<2	2.46	<0.5	6	6	8	2.61
K863404		0.85	<0.005	<0.2	0.46	6	<10	500	0.9	<2	1.90	<0.5	5	2	3	2.07
K863405		3.07	<0.005	<0.2	0.59	4	<10	550	1.0	<2	2.51	<0.5	5	5	5	2.23
K863406		1.70	<0.005	<0.2	0.45	8	<10	320	0.9	<2	1.70	<0.5	4	2	4	1.90
K863407		5.59	<0.005	0.3	0.47	6	<10	610	0.9	<2	0.99	<0.5	4	3	3	2.69
K863408		3.22	0.037	3.4	0.51	82	10	380	0.7	2	0.35	2.2	9	2	11	4.25
K863409		2.39	0.332	58.5	0.37	545	<10	160	1.0	18	0.72	66.7	5	2	474	4.18
K863410		2.22	<0.005	<0.2	0.06	4	<10	20	<0.5	<2	18.6	<0.5	1	<1	5	0.42
K863411		3.68	<0.005	<0.2	0.61	5	10	1500	1.4	<2	2.80	<0.5	4	10	6	1.57
K863412		3.64	0.007	0.5	0.59	10	<10	810	1.7	<2	2.00	<0.5	4	10	8	1.64
K863413		0.63	0.094	18.1	0.74	38	10	360	2.1	<2	1.12	10.8	4	7	195	2.25
K863414		3.08	<0.005	0.6	0.76	20	<10	460	2.5	<2	1.33	0.5	4	12	10	1.62
K863415		1.92	0.008	5.3	0.77	58	10	390	3.1	4	2.60	2.4	4	10	49	1.62
K863416		3.87	<0.005	1.3	0.65	38	10	580	1.4	<2	1.55	1.7	6	2	9	3.01
K863417		3.69	0.031	16.9	0.55	61	10	250	1.8	6	1.64	8.3	4	4	72	1.62
K863418		1.24	<0.005	4.9	0.53	27	10	250	2.0	<2	1.33	1.7	3	6	31	1.72
K863419		2.94	0.037	32.5	0.60	59	10	470	1.4	7	1.08	14.5	3	2	139	1.72
K863420		3.04	0.005	0.9	0.51	17	<10	530	1.0	<2	1.91	0.8	7	2	14	2.29
K863421		1.01	<0.005	0.2	0.81	2	10	840	1.9	<2	2.56	<0.5	10	15	3	3.37
K863422		0.09	1.490	30.2	4.56	132	<10	40	<0.5	16	4.36	29.9	75	55	6790	7.70

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VANCOUVER BC V6B 1L8

Finalized Date: 3- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11171057

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863387		<10	<1	0.28	20	0.68	567	<1	0.08	2	610	8	0.02	<2	7	101
K863388		<10	<1	0.26	20	1.08	771	<1	0.07	2	570	12	0.08	2	7	186
K863389		<10	<1	0.24	20	0.67	542	<1	0.08	2	600	6	0.01	<2	6	92
K863390		<10	<1	0.27	20	0.85	707	<1	0.03	3	600	10	0.02	2	8	148
K863391		<10	<1	0.25	20	0.72	565	<1	0.09	3	620	7	0.01	<2	6	92
K863392		<10	<1	0.25	20	0.71	575	<1	0.07	2	600	11	0.01	<2	6	107
K863393		<10	<1	0.23	20	0.78	631	<1	0.06	1	640	10	0.01	2	8	108
K863394		<10	<1	0.25	20	1.07	930	<1	0.02	2	630	11	0.02	8	6	171
K863395		<10	1	0.03	<10	11.80	199	<1	0.01	1	190	3	0.01	2	<1	45
K863396		<10	<1	0.25	20	0.80	666	<1	0.05	1	600	7	0.04	2	6	189
K863397		<10	1	0.23	20	0.82	653	<1	0.04	2	580	9	0.02	3	7	159
K863398		<10	<1	0.23	20	0.78	676	<1	0.04	2	630	9	0.02	<2	8	158
K863399		<10	<1	0.26	20	0.73	581	1	0.08	2	610	9	0.01	<2	7	114
K863400		<10	1	0.29	20	0.70	604	<1	0.07	1	610	7	0.01	2	7	117
K863401		<10	<1	0.29	20	0.73	632	<1	0.09	2	620	6	0.01	2	8	104
K863402		10	2	0.23	10	1.18	618	49	0.34	312	670	8380	7.34	28	4	76
K863403		<10	<1	0.30	20	0.62	874	1	0.03	2	630	10	0.01	3	9	138
K863404		<10	<1	0.36	20	0.53	959	<1	0.02	1	570	12	0.11	4	7	149
K863405		<10	1	0.34	20	0.48	1185	<1	0.02	3	560	15	0.05	3	8	157
K863406		<10	1	0.38	20	0.35	1490	1	0.02	<1	600	10	0.06	2	6	123
K863407		<10	<1	0.39	20	0.30	5030	<1	0.02	<1	610	14	0.08	4	6	103
K863408		<10	<1	0.34	20	0.22	14250	3	0.02	1	470	111	0.69	11	6	71
K863409		<10	2	0.22	10	0.28	15600	29	0.02	3	210	1615	1.60	253	4	82
K863410		<10	1	0.05	<10	11.60	225	<1	0.01	1	160	4	0.01	<2	<1	46
K863411		<10	<1	0.34	10	0.84	1460	21	0.06	9	350	19	0.04	3	5	269
K863412		<10	<1	0.28	10	0.69	1450	<1	0.05	11	320	17	0.02	4	4	301
K863413		<10	1	0.27	10	0.54	3800	1	0.05	10	270	1540	0.10	74	5	272
K863414		<10	<1	0.24	10	0.45	1290	<1	0.06	12	280	30	0.04	4	3	341
K863415		<10	1	0.38	10	0.59	1895	1	0.06	12	270	140	0.12	19	4	281
K863416		<10	1	0.43	20	0.49	7870	6	0.03	3	550	133	0.26	11	7	122
K863417		<10	1	0.31	10	0.27	4040	3	0.04	6	310	611	0.29	33	4	212
K863418		<10	<1	0.31	10	0.28	2730	1	0.04	7	290	169	0.12	15	3	204
K863419		<10	1	0.34	10	0.26	3760	3	0.04	3	290	1075	0.34	68	4	173
K863420		<10	<1	0.41	20	0.50	3670	3	0.03	1	580	66	0.22	9	6	115
K863421		<10	<1	0.42	10	1.25	2060	<1	0.06	9	1710	14	0.03	2	8	311
K863422		10	1	0.22	<10	1.10	583	47	0.32	294	630	7830	6.86	30	4	72

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VANCOUVER BC V6B 1L8

Finalized Date: 3- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11171057

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863387		<20	0.09	<10	<10	55	<10	44	<1
K863388		<20	0.01	<10	<10	32	<10	44	<1
K863389		<20	0.07	<10	<10	51	<10	43	<1
K863390		<20	<0.01	<10	<10	34	<10	48	1
K863391		<20	0.07	<10	<10	52	<10	46	<1
K863392		<20	0.05	<10	<10	46	<10	45	1
K863393		<20	0.05	<10	<10	51	<10	47	<1
K863394		<20	<0.01	<10	10	34	<10	58	<1
K863395		<20	<0.01	<10	<10	2	<10	11	<1
K863396		<20	<0.01	<10	<10	31	<10	46	<1
K863397		<20	0.01	<10	<10	37	<10	48	<1
K863398		<20	0.01	<10	<10	40	<10	50	<1
K863399		<20	0.06	<10	<10	50	<10	48	<1
K863400		20	0.05	<10	<10	45	<10	46	1
K863401		20	0.07	<10	<10	53	<10	46	<1
K863402		<20	0.06	<10	10	317	<10	7550	29
K863403		20	0.02	<10	<10	43	<10	47	1
K863404		<20	<0.01	<10	10	16	<10	46	<1
K863405		<20	0.01	<10	<10	26	<10	43	<1
K863406		<20	<0.01	<10	<10	11	<10	30	<1
K863407		<20	<0.01	<10	<10	13	<10	92	<1
K863408		<20	<0.01	<10	10	9	<10	223	3
K863409		<20	<0.01	<10	20	8	<10	6400	58
K863410		<20	<0.01	<10	<10	2	<10	45	<1
K863411		<20	<0.01	<10	<10	28	<10	80	<1
K863412		<20	<0.01	<10	<10	22	<10	116	1
K863413		<20	<0.01	<10	<10	22	<10	713	17
K863414		<20	<0.01	<10	<10	18	<10	120	1
K863415		<20	<0.01	<10	10	24	<10	207	6
K863416		<20	<0.01	<10	40	17	<10	266	1
K863417		<20	<0.01	<10	10	10	<10	930	17
K863418		<20	<0.01	<10	<10	10	<10	252	5
K863419		<20	<0.01	<10	10	8	<10	1390	32
K863420		<20	<0.01	<10	10	12	<10	135	1
K863421		<20	<0.01	<10	<10	62	<10	110	<1
K863422		<20	0.05	<10	<10	301	<10	7230	31

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Finalized Date: 2- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11171058

Project: Klaza PDH - 11 - 02

P.O. No.: Batch 3

This report is for 4 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza PDH - 11 - 02

CERTIFICATE OF ANALYSIS WH11171058

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K974363		1.59	<0.005	<0.2	1.33	2	<10	810	<0.5	<2	1.13	<0.5	7	19	26	2.88
K974364		2.87	<0.005	<0.2	1.35	2	<10	740	<0.5	<2	1.40	<0.5	7	17	8	2.92
K974365		2.35	<0.005	<0.2	1.39	3	<10	630	<0.5	<2	1.66	<0.5	8	11	6	2.93
K974366		2.01	<0.005	<0.2	1.53	3	<10	690	<0.5	<2	1.65	<0.5	6	11	7	2.91

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VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza PDH - 11 - 02

CERTIFICATE OF ANALYSIS WH11171058

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K974363		10	<1	0.49	20	0.70	528	2	0.14	4	600	32	0.01	2	6	86
K974364		10	1	0.45	20	0.71	563	2	0.12	3	620	11	<0.01	2	7	107
K974365		10	<1	0.38	20	0.78	731	1	0.11	2	670	12	0.01	2	7	109
K974366		10	1	0.39	20	0.86	708	1	0.12	2	610	22	0.01	<2	6	111

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Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza PDH - 11 - 02

CERTIFICATE OF ANALYSIS WH11171058

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
K974363		<20	0.16	<10	<10	68	<10	66
K974364		<20	0.15	<10	<10	69	<10	46
K974365		<20	0.14	<10	<10	69	<10	57
K974366		<20	0.16	<10	<10	74	<10	54

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Finalized Date: 1- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11171467

Project: Klaza DDH- 54

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 1- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11171467

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863351		4.19	<0.005	<0.2	1.38	4	<10	490	<0.5	<2	0.94	<0.5	6	10	5	2.72
K863352		6.84	<0.005	<0.2	1.40	2	<10	510	<0.5	<2	1.07	<0.5	6	10	6	2.76
K863353		6.58	<0.005	<0.2	1.36	<2	<10	640	<0.5	<2	0.95	<0.5	6	10	5	2.59
K863354		7.02	<0.005	<0.2	1.33	4	<10	540	<0.5	<2	1.06	<0.5	6	11	5	2.67
K863355		0.08	1.565	35.2	5.10	153	<10	40	<0.5	<2	4.57	34.0	90	59	7560	8.78
K863356		7.23	<0.005	<0.2	1.33	3	<10	610	<0.5	<2	1.16	<0.5	6	11	11	2.76
K863357		5.82	<0.005	<0.2	1.36	3	<10	430	<0.5	<2	1.34	<0.5	6	10	7	2.79
K863358		6.77	<0.005	<0.2	1.20	<2	<10	390	<0.5	<2	1.15	<0.5	6	9	6	2.64
K863359		5.62	<0.005	<0.2	1.33	2	<10	380	<0.5	<2	1.30	<0.5	7	10	6	2.84
K863360		6.33	<0.005	<0.2	1.29	5	<10	440	<0.5	<2	1.31	<0.5	7	9	6	2.75
K863361		6.10	<0.005	<0.2	1.40	3	<10	700	<0.5	<2	1.00	<0.5	6	10	6	2.82
K863362		2.60	<0.005	<0.2	1.31	<2	<10	700	<0.5	<2	1.08	<0.5	6	9	5	2.72
K863363		6.22	<0.005	<0.2	1.40	3	<10	630	<0.5	<2	1.63	<0.5	7	9	6	2.90
K863364		4.22	<0.005	<0.2	1.28	4	<10	530	<0.5	<2	1.51	<0.5	6	10	6	2.73
K863365		4.78	<0.005	<0.2	1.26	4	<10	450	0.5	<2	1.65	<0.5	7	8	5	2.93
K863366		0.09	1.625	33.7	4.95	150	<10	40	<0.5	<2	4.57	33.3	87	57	7340	8.67
K863367		2.79	<0.005	0.3	0.56	13	<10	800	0.6	<2	3.24	<0.5	5	4	6	2.22
K863368		2.07	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	19.0	<0.5	1	<1	5	0.46
K863369		6.17	<0.005	<0.2	1.07	3	<10	1960	0.5	<2	2.87	<0.5	7	6	8	2.62
K863370		3.78	<0.005	<0.2	1.43	3	<10	460	<0.5	<2	2.16	<0.5	7	9	5	2.99
K863371		7.22	<0.005	<0.2	1.53	6	<10	370	0.5	<2	1.80	<0.5	7	10	7	3.02
K863372		4.59	<0.005	<0.2	1.44	2	<10	1700	<0.5	<2	2.46	<0.5	8	10	12	3.02
K863373		3.26	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	19.4	<0.5	1	1	<1	0.46
K863374		1.25	<0.005	<0.2	1.07	4	<10	2790	0.5	<2	3.99	<0.5	6	6	6	1.98
K863375		6.12	<0.005	<0.2	1.37	4	<10	670	0.5	<2	2.82	<0.5	8	8	6	2.89
K863376		8.77	<0.005	0.2	1.20	2	<10	380	<0.5	<2	1.40	<0.5	6	10	13	2.49
K863377		4.44	<0.005	<0.2	1.07	<2	<10	350	0.5	<2	1.85	<0.5	7	8	11	2.58
K863378		1.84	<0.005	<0.2	1.12	2	<10	300	<0.5	<2	1.95	<0.5	7	8	7	2.50
K863379		1.42	0.006	1.5	1.03	5	<10	1890	<0.5	<2	3.00	<0.5	6	5	187	1.79
K863380		7.12	<0.005	<0.2	1.27	<2	<10	580	<0.5	<2	1.61	<0.5	7	10	10	2.48
K863381		7.03	<0.005	0.2	1.19	3	<10	490	<0.5	<2	1.62	<0.5	6	9	7	2.55
K863382		6.53	<0.005	<0.2	1.27	<2	<10	520	<0.5	<2	1.27	<0.5	7	10	6	2.53
K863383		1.50	<0.005	0.2	0.60	4	<10	1020	0.6	<2	3.88	<0.5	8	5	5	2.64
K863384		6.61	<0.005	<0.2	0.65	<2	<10	1010	0.6	<2	2.42	<0.5	7	7	6	2.62
K863385		1.49	<0.005	<0.2	0.62	<2	<10	1080	0.6	<2	3.49	<0.5	7	5	3	2.54
K863386		6.80	<0.005	<0.2	0.94	<2	<10	380	0.5	<2	2.17	<0.5	7	7	5	2.61

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VANCOUVER BC V6B 1L8

Finalized Date: 1- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11171467

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863351		10	<1	0.25	20	0.70	483	<1	0.13	<1	670	4	0.01	<2	4	46
K863352		10	1	0.28	20	0.71	493	<1	0.13	<1	660	4	0.01	<2	4	46
K863353		10	<1	0.35	20	0.64	432	<1	0.13	1	630	4	0.01	2	4	42
K863354		10	<1	0.28	20	0.71	458	<1	0.11	1	650	4	0.02	<2	4	46
K863355		10	1	0.25	10	1.20	654	41	0.35	345	700	8780	7.55	27	5	79
K863356		10	<1	0.32	20	0.70	477	<1	0.11	1	670	9	0.02	<2	4	45
K863357		10	1	0.26	20	0.73	494	<1	0.10	1	650	8	0.01	<2	5	57
K863358		<10	<1	0.19	20	0.71	458	<1	0.08	<1	650	6	0.01	<2	4	48
K863359		10	<1	0.20	20	0.79	519	<1	0.09	1	690	6	0.01	<2	5	54
K863360		10	<1	0.24	20	0.73	498	<1	0.09	<1	660	6	0.01	2	5	52
K863361		10	<1	0.39	20	0.75	486	<1	0.14	<1	650	5	0.01	<2	5	55
K863362		10	1	0.37	20	0.72	487	<1	0.12	<1	630	4	0.01	<2	5	53
K863363		10	<1	0.36	20	0.71	583	<1	0.11	<1	680	5	0.01	<2	6	75
K863364		10	1	0.29	20	0.70	550	<1	0.10	<1	660	5	0.01	<2	5	65
K863365		10	1	0.26	20	0.61	516	<1	0.08	<1	670	5	0.01	<2	7	81
K863366		10	1	0.24	10	1.16	638	41	0.34	333	690	8760	7.39	27	4	77
K863367		<10	<1	0.28	20	0.56	1410	2	0.02	1	600	19	0.14	4	6	102
K863368		<10	1	0.04	<10	12.40	200	<1	0.01	<1	170	5	0.02	<2	<1	45
K863369		<10	<1	0.28	30	0.75	686	<1	0.04	<1	650	7	0.06	<2	6	158
K863370		10	<1	0.17	30	0.91	698	<1	0.05	<1	630	6	0.02	<2	6	76
K863371		10	<1	0.19	20	0.90	669	<1	0.08	<1	660	6	0.02	<2	6	79
K863372		10	<1	0.19	30	0.88	737	<1	0.05	<1	670	5	0.05	<2	6	85
K863373		<10	1	0.02	<10	12.60	218	<1	0.01	<1	240	<2	0.01	<2	1	46
K863374		<10	<1	0.29	20	0.55	665	<1	0.01	1	560	12	0.09	<2	3	151
K863375		10	1	0.23	30	0.76	702	<1	0.05	<1	660	7	0.03	<2	6	89
K863376		<10	<1	0.18	20	0.70	522	1	0.09	6	630	9	0.02	<2	5	73
K863377		<10	<1	0.17	20	0.64	620	<1	0.07	3	620	8	0.02	2	7	74
K863378		<10	1	0.18	20	0.67	571	<1	0.07	2	650	8	0.02	<2	6	78
K863379		<10	<1	0.32	20	0.55	561	<1	0.04	2	500	108	0.09	2	3	135
K863380		<10	<1	0.20	20	0.75	548	<1	0.08	2	670	7	0.03	<2	5	85
K863381		<10	1	0.19	20	0.71	543	<1	0.09	2	670	8	0.03	<2	5	89
K863382		<10	1	0.24	20	0.73	501	1	0.11	2	650	7	0.02	<2	5	68
K863383		<10	<1	0.23	20	1.14	828	<1	0.05	2	610	14	0.05	<2	7	189
K863384		<10	1	0.23	20	0.64	666	1	0.06	2	650	9	0.05	<2	6	126
K863385		<10	<1	0.22	20	0.95	908	<1	0.05	2	680	11	0.05	2	6	179
K863386		<10	<1	0.19	20	0.72	630	<1	0.07	2	640	8	0.03	<2	6	105

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11171467

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863351		<20	0.19	<10	<10	65	<10	42	1
K863352		20	0.18	<10	<10	68	<10	43	<1
K863353		<20	0.20	<10	<10	64	<10	39	<1
K863354		<20	0.18	<10	<10	67	<10	40	1
K863355		<20	0.06	<10	10	329	30	7980	31
K863356		<20	0.18	<10	<10	68	<10	45	1
K863357		<20	0.15	<10	<10	64	<10	44	<1
K863358		<20	0.15	<10	<10	61	<10	40	1
K863359		<20	0.14	<10	<10	66	<10	43	<1
K863360		<20	0.16	<10	<10	66	<10	42	<1
K863361		<20	0.18	<10	<10	70	<10	41	<1
K863362		<20	0.17	<10	<10	67	<10	40	<1
K863363		20	0.15	<10	<10	68	<10	45	<1
K863364		<20	0.16	<10	<10	65	<10	43	<1
K863365		<20	0.07	<10	<10	58	<10	48	<1
K863366		<20	0.05	<10	10	324	30	7870	31
K863367		<20	<0.01	<10	10	19	<10	61	<1
K863368		<20	<0.01	<10	<10	2	<10	20	<1
K863369		20	0.01	<10	<10	37	<10	49	<1
K863370		<20	0.02	<10	<10	54	<10	51	1
K863371		20	0.11	<10	<10	64	<10	49	<1
K863372		<20	0.04	<10	<10	55	<10	50	<1
K863373		<20	<0.01	<10	<10	2	<10	13	<1
K863374		<20	<0.01	<10	<10	23	<10	36	<1
K863375		<20	0.03	<10	<10	49	<10	49	1
K863376		<20	0.09	<10	<10	54	<10	44	<1
K863377		<20	0.03	<10	<10	51	<10	47	<1
K863378		<20	0.05	<10	<10	51	<10	44	<1
K863379		<20	<0.01	<10	<10	20	<10	42	1
K863380		<20	0.08	<10	<10	54	<10	43	<1
K863381		<20	0.08	<10	<10	55	<10	42	1
K863382		<20	0.12	<10	<10	59	<10	41	<1
K863383		<20	<0.01	<10	<10	39	<10	58	1
K863384		<20	<0.01	<10	<10	40	<10	52	<1
K863385		<20	0.01	<10	<10	35	<10	50	<1
K863386		<20	0.03	<10	<10	47	<10	47	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11172176

Project: Klaza - DDH- 36

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 36

CERTIFICATE OF ANALYSIS WH11172176

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269890		6.78	<0.005	0.7	0.89	10	<10	350	0.5	<2	1.44	<0.5	6	7	5	2.45
K269891		8.07	<0.005	0.2	0.64	10	<10	100	0.7	<2	1.50	<0.5	5	5	5	2.39
K269892		4.18	0.013	0.5	0.52	57	<10	350	0.8	<2	2.02	<0.5	6	4	3	2.50
K269893		8.96	<0.005	<0.2	0.58	7	<10	360	0.6	<2	1.97	<0.5	4	5	3	2.23
K269894		5.75	<0.005	<0.2	0.93	5	<10	150	<0.5	<2	1.44	<0.5	5	7	3	2.43
K269895		11.94	0.012	1.1	0.51	45	<10	660	0.6	<2	1.96	3.5	6	4	33	2.64
K269896		4.20	<0.005	0.2	0.66	7	<10	190	0.6	<2	1.30	<0.5	3	6	10	2.24
K269897		4.04	0.089	6.8	0.52	208	<10	210	1.0	2	2.94	3.8	8	5	181	2.86
K269898		1.88	0.005	<0.2	0.03	3	<10	10	<0.5	<2	19.0	<0.5	1	1	2	0.44
K269899		4.81	0.011	1.4	0.60	40	<10	1030	0.9	<2	2.40	0.6	4	3	31	2.54
K269900		8.31	<0.005	0.2	0.71	9	<10	250	0.7	<2	1.57	<0.5	5	5	7	2.46
K269901		8.59	0.024	1.8	0.59	72	<10	580	0.9	<2	2.32	1.5	6	4	29	2.54
K269902		12.20	<0.005	<0.2	0.77	6	<10	490	0.8	<2	3.02	<0.5	5	7	6	2.01
K269903		8.49	<0.005	0.2	0.67	6	<10	590	0.8	<2	2.75	<0.5	5	6	7	1.84
K269904		0.11	1.595	30.9	4.72	133	<10	40	<0.5	6	4.60	32.2	84	55	6940	8.43
K269905		8.33	<0.005	<0.2	0.63	6	<10	380	0.8	<2	2.82	<0.5	5	8	18	2.03
K269906		4.08	0.010	0.6	0.60	28	<10	300	1.0	<2	2.16	0.8	6	3	38	2.34
K269907		6.72	<0.005	<0.2	0.66	5	<10	520	1.0	<2	3.28	<0.5	4	9	4	1.65
K269908		8.78	<0.005	<0.2	0.60	3	<10	320	1.0	<2	3.15	<0.5	4	6	2	1.75
K269909		7.34	<0.005	<0.2	0.60	7	<10	500	1.0	<2	3.25	<0.5	6	5	7	1.64
K269910		6.74	<0.005	<0.2	0.56	9	<10	480	1.0	<2	2.94	<0.5	6	7	10	1.64
K269911		0.11	1.375	29.9	4.58	131	<10	40	<0.5	<2	4.42	30.9	81	53	6690	8.04
K269912		4.25	<0.005	<0.2	0.57	3	<10	510	0.9	<2	2.42	<0.5	5	12	39	1.73
K269913		11.45	0.016	<0.2	0.68	31	<10	600	0.5	<2	1.82	0.8	12	5	13	2.48
K269914		5.23	0.016	0.7	0.48	68	<10	250	0.7	2	2.24	<0.5	8	3	15	2.32
K269915		2.14	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	19.2	<0.5	1	1	1	0.45
K269916		5.69	0.008	<0.2	0.88	24	<10	320	<0.5	3	1.68	<0.5	11	6	18	2.43
K269917		5.68	0.112	11.1	0.48	366	<10	90	0.5	<2	2.37	33.1	18	4	22	4.19
K269918		4.30	0.008	<0.2	1.07	17	<10	260	<0.5	2	1.65	<0.5	15	6	14	2.48
K269919		9.04	0.030	0.6	0.57	76	<10	460	0.7	2	2.24	0.9	16	4	32	2.69
K269920		10.10	0.037	0.5	0.41	46	<10	430	0.6	<2	2.51	<0.5	37	3	8	3.50
K269921		8.93	0.059	0.6	0.41	44	<10	220	<0.5	<2	2.24	3.1	38	2	6	3.55
K269922		4.60	0.024	<0.2	0.42	12	<10	240	0.6	<2	2.00	<0.5	17	3	8	2.78
K269923		2.10	0.010	<0.2	0.41	11	<10	320	0.6	<2	2.00	<0.5	16	3	7	2.65
K269924		3.96	1.545	1.7	0.38	275	<10	40	0.6	2	1.93	4.4	27	3	25	4.82
K269925		4.40	0.039	1.0	0.49	162	<10	310	0.7	<2	2.03	3.6	6	3	9	2.72

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 36

CERTIFICATE OF ANALYSIS WH11172176

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269890		<10	<1	0.18	20	0.50	602	<1	0.08	1	560	14	0.02	3	6	69
K269891		<10	<1	0.18	30	0.28	631	<1	0.02	2	620	13	0.04	5	9	46
K269892		<10	<1	0.27	20	0.56	1410	<1	0.02	1	500	26	0.79	5	6	60
K269893		<10	<1	0.19	30	0.47	599	<1	0.03	2	580	52	0.03	5	7	63
K269894		<10	<1	0.16	20	0.64	499	<1	0.07	1	550	11	0.01	<2	6	65
K269895		<10	<1	0.26	20	0.62	1290	1	0.03	2	550	176	0.40	6	5	74
K269896		<10	1	0.18	20	0.28	566	<1	0.02	1	600	10	0.02	4	9	54
K269897		<10	1	0.26	20	0.92	2080	1	0.02	3	500	407	0.94	29	5	137
K269898		<10	<1	0.02	<10	11.90	194	<1	0.01	2	180	<2	0.04	2	<1	48
K269899		<10	1	0.38	20	0.85	1495	<1	0.03	1	480	152	0.25	8	4	112
K269900		<10	<1	0.25	20	0.61	675	<1	0.02	1	560	17	0.07	2	8	76
K269901		<10	<1	0.27	20	0.69	1575	1	0.02	4	540	155	0.47	9	7	127
K269902		<10	<1	0.27	10	0.72	465	<1	0.03	3	870	19	0.01	<2	4	396
K269903		<10	<1	0.25	10	0.62	402	<1	0.03	3	810	19	0.01	<2	3	362
K269904		10	1	0.24	<10	1.14	601	46	0.36	308	700	8100	7.14	25	4	76
K269905		<10	<1	0.25	10	0.72	430	<1	0.04	3	900	21	0.02	<2	4	430
K269906		<10	<1	0.32	20	0.59	1525	<1	0.03	2	620	64	0.11	4	7	156
K269907		<10	<1	0.33	20	0.94	495	<1	0.03	7	610	12	0.02	<2	5	374
K269908		<10	<1	0.30	20	0.85	466	<1	0.04	4	730	11	0.01	<2	5	522
K269909		<10	<1	0.28	20	0.79	468	<1	0.04	5	720	14	0.09	<2	5	528
K269910		<10	<1	0.27	20	0.81	434	<1	0.05	9	650	14	0.12	<2	5	428
K269911		10	1	0.23	<10	1.10	580	45	0.34	285	670	7730	6.93	27	4	74
K269912		<10	<1	0.27	10	0.76	467	<1	0.05	10	520	47	0.07	<2	5	317
K269913		<10	<1	0.29	20	0.63	872	1	0.06	1	560	21	0.29	2	6	148
K269914		<10	<1	0.29	20	0.65	1635	3	0.03	<1	540	24	0.94	3	4	125
K269915		<10	<1	0.03	<10	11.55	205	<1	0.03	<1	170	<2	0.02	<2	<1	45
K269916		<10	<1	0.22	20	0.70	620	1	0.07	<1	630	8	0.29	<2	6	97
K269917		<10	<1	0.30	20	0.56	1990	<1	0.04	<1	570	1375	2.44	13	4	90
K269918		10	<1	0.22	20	0.70	651	1	0.08	1	600	13	0.34	<2	5	69
K269919		<10	<1	0.25	20	0.60	1490	<1	0.03	1	580	121	0.62	6	6	101
K269920		<10	<1	0.35	10	0.80	2050	1	0.03	<1	570	21	0.79	<2	3	79
K269921		<10	<1	0.30	10	0.70	1510	1	0.04	<1	430	230	0.84	<2	2	84
K269922		<10	<1	0.27	20	0.68	1090	<1	0.04	<1	590	7	0.27	2	5	86
K269923		<10	<1	0.28	20	0.69	1080	1	0.04	<1	540	8	0.28	2	4	87
K269924		<10	<1	0.34	10	0.62	2360	<1	0.02	<1	500	239	2.84	7	4	65
K269925		<10	<1	0.26	20	0.55	1930	<1	0.03	<1	610	52	0.89	5	7	85

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Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 36

CERTIFICATE OF ANALYSIS WH11172176

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269890		<20	0.04	<10	<10	43	<10	42	1
K269891		<20	<0.01	<10	<10	39	<10	38	<1
K269892		<20	<0.01	<10	<10	22	<10	33	<1
K269893		20	<0.01	<10	<10	34	<10	39	<1
K269894		<20	0.03	<10	<10	43	<10	46	<1
K269895		<20	<0.01	<10	<10	26	<10	474	2
K269896		<20	0.01	<10	<10	38	<10	41	1
K269897		<20	<0.01	<10	<10	26	<10	323	6
K269898		<20	<0.01	<10	<10	2	<10	12	<1
K269899		<20	<0.01	<10	<10	20	<10	87	1
K269900		<20	<0.01	<10	<10	38	<10	42	<1
K269901		<20	<0.01	<10	<10	25	<10	160	1
K269902		<20	0.01	<10	<10	32	<10	63	<1
K269903		<20	0.01	<10	<10	28	<10	58	<1
K269904		<20	0.05	<10	<10	315	<10	7340	32
K269905		<20	0.01	<10	<10	34	<10	81	<1
K269906		<20	<0.01	<10	<10	27	<10	106	<1
K269907		<20	<0.01	<10	<10	29	<10	46	<1
K269908		<20	<0.01	<10	<10	26	<10	43	<1
K269909		<20	<0.01	<10	<10	23	<10	47	<1
K269910		<20	<0.01	<10	<10	23	<10	45	<1
K269911		<20	0.05	<10	<10	305	10	6960	31
K269912		<20	0.01	<10	<10	28	<10	92	<1
K269913		<20	<0.01	<10	<10	30	<10	84	<1
K269914		<20	<0.01	<10	<10	15	<10	58	<1
K269915		<20	<0.01	<10	<10	<1	<10	12	<1
K269916		<20	0.01	<10	<10	37	<10	43	<1
K269917		<20	<0.01	<10	<10	22	<10	1940	11
K269918		<20	0.02	<10	<10	41	<10	52	2
K269919		<20	<0.01	<10	<10	27	<10	115	<1
K269920		<20	<0.01	<10	<10	17	<10	58	<1
K269921		20	<0.01	<10	<10	15	<10	337	1
K269922		<20	<0.01	<10	<10	24	<10	47	1
K269923		<20	<0.01	<10	<10	21	<10	41	<1
K269924		<20	<0.01	<10	<10	15	<10	496	2
K269925		<20	<0.01	<10	<10	23	<10	303	1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11172177

Project: Klaza - DDH- 34

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 34

CERTIFICATE OF ANALYSIS WH11172177

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973021		7.80	<0.005	0.2	0.61	8	<10	520	0.6	<2	1.61	<0.5	3	5	9	2.83
K973022		8.07	<0.005	0.2	0.84	12	<10	290	0.6	<2	1.72	<0.5	3	6	6	2.58
K973023		3.50	0.013	0.6	0.55	34	<10	660	0.7	<2	2.00	<0.5	9	3	5	3.42
K973024		9.66	0.021	0.3	0.63	27	<10	290	0.6	<2	1.85	<0.5	3	4	5	2.64
K973025		3.32	0.006	0.5	0.69	22	<10	130	0.8	<2	2.16	<0.5	1	2	4	5.73
K973026		0.17	3.35	>100	0.17	>10000	<10	10	<0.5	<2	0.39	316	<1	9	1605	13.6
K973027		6.31	0.099	2.4	0.73	904	<10	380	0.8	<2	2.10	11.9	3	4	22	3.02
K973028		8.63	0.165	15.8	0.54	820	<10	360	0.7	<2	2.31	12.9	3	4	30	2.74
K973029		8.25	0.757	>100	0.48	3870	<10	30	0.5	4	2.36	70.8	3	3	339	4.33
K973030		10.67	0.269	5.5	0.47	712	<10	250	0.7	<2	1.88	20.9	4	5	128	2.98
K973031		8.75	0.846	35.4	0.44	4360	<10	30	0.5	<2	1.22	92.7	4	2	122	3.54
K973032		2.57	<0.005	0.2	0.04	26	<10	20	<0.5	<2	20.2	<0.5	1	1	3	0.45
K973033		4.83	5.84	>100	0.39	>10000	<10	20	<0.5	<2	3.18	104.0	1	1	229	4.60
K973034		6.40	0.033	0.8	0.49	111	<10	100	0.7	<2	2.46	2.7	7	2	18	3.50
K973035		10.82	<0.005	0.2	0.54	13	<10	860	0.6	<2	2.00	<0.5	4	4	7	2.98
K973036		8.58	<0.005	0.2	1.15	8	<10	310	0.5	<2	1.62	<0.5	4	7	7	2.84
K973037		9.27	<0.005	0.3	1.12	8	<10	220	0.5	<2	1.62	<0.5	6	6	5	2.91
K973038		0.16	3.42	>100	0.17	>10000	<10	10	<0.5	<2	0.39	318	1	9	1580	13.00
K973039		10.47	<0.005	<0.2	1.09	10	<10	440	0.6	<2	2.19	<0.5	11	5	5	2.90
K973040		9.04	<0.005	0.2	1.18	8	<10	660	0.5	<2	2.17	<0.5	5	6	8	2.57
K973041		10.94	<0.005	<0.2	1.13	8	<10	320	0.5	<2	1.80	<0.5	4	6	6	2.64
K973042		11.30	<0.005	<0.2	0.84	11	<10	700	0.6	<2	2.36	<0.5	5	5	3	2.53
K973043		3.63	<0.005	0.2	0.60	8	<10	480	0.8	<2	3.33	<0.5	5	4	7	2.70
K973044		1.63	<0.005	0.3	0.76	9	<10	380	0.8	<2	2.49	<0.5	4	3	7	2.55
K973045		3.54	<0.005	0.4	0.66	15	<10	300	0.8	<2	3.52	<0.5	7	3	8	3.28
K973046		7.02	<0.005	1.2	0.55	9	<10	180	0.7	<2	2.17	<0.5	4	6	4	2.44
K973047		3.92	0.005	0.4	0.37	15	<10	200	<0.5	2	2.92	<0.5	18	3	3	2.39
K973048		3.90	<0.005	<0.2	0.69	8	<10	330	0.6	<2	2.45	<0.5	6	4	11	2.46
K973049		8.26	<0.005	<0.2	0.99	4	<10	200	<0.5	<2	1.62	<0.5	4	7	3	2.51
K973050		8.42	<0.005	<0.2	0.99	7	<10	130	<0.5	<2	1.36	<0.5	4	7	3	2.51
K973051		8.41	<0.005	<0.2	1.04	2	<10	140	<0.5	<2	1.59	<0.5	5	6	5	2.55
K973052		5.26	0.186	2.1	0.40	100	<10	30	0.5	2	2.05	14.3	103	3	19	5.34
K973053		3.26	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	18.9	<0.5	1	1	<1	0.47
K973054		5.06	0.005	<0.2	0.42	6	<10	560	0.5	<2	3.33	<0.5	3	3	4	2.13
K973055		9.81	0.007	<0.2	0.92	22	<10	530	0.6	<2	2.66	0.5	4	5	11	2.57
K973056		3.28	0.059	1.6	0.50	523	<10	60	0.5	2	2.45	4.7	13	3	19	4.55

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 34

CERTIFICATE OF ANALYSIS WH11172177

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973021		<10	1	0.29	20	0.52	1070	<1	0.04	2	580	7	0.13	2	5	102
K973022		<10	<1	0.21	20	0.56	702	1	0.05	2	580	13	0.05	2	6	124
K973023		<10	1	0.33	20	0.77	1420	2	0.04	2	510	15	0.53	3	4	117
K973024		<10	<1	0.24	20	0.65	1125	1	0.04	1	560	13	0.14	2	6	127
K973025		<10	1	0.45	10	1.21	2420	1	0.04	3	1070	10	0.43	2	5	97
K973026		<10	2	0.07	<10	0.17	1425	<1	0.02	11	140	>10000	>10.0	553	1	20
K973027		<10	1	0.26	20	0.78	1415	1	0.04	2	590	367	0.69	7	7	145
K973028		<10	1	0.32	20	0.74	2440	1	0.03	1	540	1885	0.75	24	4	133
K973029		<10	1	0.33	10	0.70	5730	1	0.03	2	490	5340	3.44	230	3	113
K973030		<10	1	0.28	10	0.64	1745	1	0.03	1	540	610	1.10	39	6	135
K973031		<10	1	0.31	10	0.39	3480	27	0.03	2	430	4620	3.13	97	2	70
K973032		<10	<1	0.03	<10	12.35	224	<1	0.04	2	190	12	0.04	<2	<1	53
K973033		<10	1	0.23	<10	1.03	3700	87	0.03	2	240	7220	3.74	263	3	97
K973034		<10	<1	0.27	10	0.74	1465	5	0.01	2	520	87	1.33	12	3	127
K973035		<10	1	0.30	20	0.63	735	<1	0.05	1	550	11	0.23	3	4	127
K973036		<10	<1	0.19	20	0.73	602	1	0.07	2	590	15	0.06	<2	6	118
K973037		<10	1	0.22	20	0.71	642	<1	0.07	2	590	12	0.12	<2	6	92
K973038		<10	1	0.07	<10	0.17	1430	1	0.03	11	140	>10000	>10.0	582	1	20
K973039		10	<1	0.19	30	0.76	608	<1	0.05	3	610	12	0.17	3	7	168
K973040		10	1	0.18	30	0.75	609	1	0.06	2	590	12	0.08	3	6	142
K973041		<10	<1	0.16	20	0.68	542	1	0.07	2	630	13	0.06	<2	7	140
K973042		<10	<1	0.23	20	0.68	650	1	0.06	2	590	8	0.19	<2	6	139
K973043		<10	<1	0.19	20	1.05	1145	1	0.04	2	510	17	0.25	2	7	171
K973044		<10	1	0.23	20	0.77	949	<1	0.04	1	540	13	0.21	2	7	147
K973045		<10	1	0.28	20	1.10	1190	1	0.04	3	590	18	0.55	<2	6	178
K973046		<10	<1	0.20	20	0.71	1045	<1	0.01	1	510	19	0.18	3	8	131
K973047		<10	<1	0.28	10	0.78	2460	<1	0.01	<1	610	14	0.67	2	2	84
K973048		<10	1	0.21	20	0.69	1005	<1	0.02	<1	560	8	0.15	3	6	140
K973049		<10	<1	0.15	20	0.69	566	<1	0.08	<1	600	9	0.04	<2	6	108
K973050		<10	<1	0.16	20	0.67	556	<1	0.08	<1	600	11	0.02	<2	6	96
K973051		<10	<1	0.17	20	0.70	584	<1	0.07	<1	580	4	0.03	<2	5	83
K973052		<10	<1	0.34	20	0.64	2130	<1	0.01	<1	580	221	3.41	2	3	93
K973053		<10	<1	0.02	<10	12.20	215	<1	0.01	<1	220	2	0.02	<2	1	45
K973054		<10	<1	0.26	30	0.87	1400	1	0.01	<1	570	7	0.18	<2	3	157
K973055		<10	<1	0.22	30	0.72	889	<1	0.03	<1	590	15	0.08	<2	6	164
K973056		<10	1	0.28	10	0.74	1650	<1	0.02	<1	500	170	2.44	<2	4	126

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 34

CERTIFICATE OF ANALYSIS WH11172177

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K973021		<20	<0.01	<10	<10	30	<10	44	<1		
K973022		<20	0.01	<10	<10	38	<10	46	<1		
K973023		<20	<0.01	<10	<10	23	<10	45	1		
K973024		<20	<0.01	<10	<10	30	<10	51	<1		
K973025		<20	<0.01	<10	<10	44	<10	112	1		
K973026		<20	<0.01	<10	<10	8	150	>10000	418	3.05	3.57
K973027		<20	<0.01	<10	<10	30	<10	915	3		
K973028		<20	<0.01	<10	<10	17	<10	740	16		
K973029		<20	<0.01	<10	<10	13	<10	4100	151		
K973030		<20	<0.01	<10	<10	21	<10	1340	6		
K973031		<20	<0.01	<10	<10	8	<10	5170	33		
K973032		<20	<0.01	<10	10	2	<10	51	1		
K973033		<20	<0.01	<10	10	9	<10	6510	122		
K973034		<20	<0.01	<10	10	16	<10	195	2		
K973035		<20	<0.01	<10	<10	27	<10	49	2		
K973036		<20	0.01	<10	<10	43	<10	52	1		
K973037		<20	0.01	<10	<10	41	<10	53	1		
K973038		<20	<0.01	<10	<10	8	150	>10000	406	3.20	3.61
K973039		<20	<0.01	<10	<10	41	<10	50	2		
K973040		<20	0.01	<10	<10	43	<10	55	1		
K973041		20	0.01	<10	<10	44	<10	48	1		
K973042		<20	<0.01	<10	<10	34	<10	48	2		
K973043		<20	<0.01	<10	<10	30	<10	49	<1		
K973044		<20	<0.01	<10	<10	30	<10	46	1		
K973045		<20	<0.01	<10	<10	33	<10	60	1		
K973046		<20	<0.01	<10	<10	32	<10	63	2		
K973047		<20	<0.01	<10	<10	13	<10	44	<1		
K973048		<20	<0.01	<10	<10	34	<10	48	1		
K973049		<20	0.03	<10	<10	46	<10	40	1		
K973050		<20	0.04	<10	<10	48	<10	41	<1		
K973051		<20	0.03	<10	<10	45	<10	39	<1		
K973052		<20	<0.01	<10	<10	20	10	1545	3		
K973053		<20	<0.01	<10	<10	2	<10	17	<1		
K973054		<20	<0.01	<10	<10	16	<10	51	<1		
K973055		<20	<0.01	<10	<10	35	<10	84	<1		
K973056		<20	<0.01	<10	<10	22	10	567	2		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11175441

Project: Klaza DDH- 54

P.O. No.: Batch 4

This report is for 31 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11175441

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863459		3.55	<0.005	<0.2	1.09	<2	<10	350	0.6	<2	1.79	<0.5	7	8	7	2.69
K863460		4.17	<0.005	<0.2	0.68	3	<10	720	0.8	2	2.62	<0.5	6	5	5	2.44
K863461		0.13	1.900	31.8	4.81	138	<10	40	<0.5	<2	4.34	29.9	81	52	7350	7.50
K863462		4.79	<0.005	2.1	0.49	8	10	620	0.8	<2	3.16	0.5	7	3	11	2.55
K863463		5.60	<0.005	1.6	0.60	2	<10	350	0.8	<2	2.73	<0.5	6	5	10	2.39
K863464		3.94	<0.005	0.9	0.47	10	<10	1080	0.7	2	2.70	0.8	6	4	14	2.43
K863465		1.11	0.014	4.4	0.43	135	<10	280	0.7	6	0.77	7.2	13	2	13	3.26
K863466		4.50	<0.005	0.6	0.43	59	<10	780	0.7	3	1.91	<0.5	7	2	10	2.00
K863467		2.59	<0.005	0.2	0.79	23	<10	1910	0.7	<2	3.12	<0.5	8	4	10	2.39
K863468		0.94	<0.005	<0.2	0.81	3	<10	520	0.6	<2	2.04	<0.5	7	5	8	2.69
K863469		2.22	<0.005	<0.2	0.50	9	<10	860	0.7	2	2.61	<0.5	6	2	7	2.35
K863470		2.62	0.005	3.1	0.50	57	<10	610	0.7	2	2.82	1.4	7	1	11	2.31
K863471		2.99	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.7	<0.5	<1	<1	2	0.38
K863472		2.66	<0.005	0.2	0.51	21	<10	650	0.8	2	1.83	0.8	5	2	5	2.24
K863473		2.52	<0.005	1.0	0.53	39	<10	540	0.8	<2	2.57	1.6	6	3	5	2.39
K863474		4.04	<0.005	0.9	0.43	54	<10	590	0.6	2	3.60	1.7	6	2	3	2.31
K863475		2.67	<0.005	0.6	0.50	26	<10	560	0.7	2	3.06	<0.5	7	3	9	2.43
K863476		5.19	<0.005	0.3	0.98	49	10	390	0.7	3	3.25	<0.5	6	2	5	2.57
K863477		4.08	<0.005	0.2	0.47	4	<10	570	0.7	<2	3.15	<0.5	5	3	5	2.06
K863478		3.00	<0.005	1.5	0.47	10	<10	1410	0.7	4	3.17	<0.5	6	2	8	2.20
K863479		3.10	0.010	3.8	0.44	173	<10	1230	0.6	7	2.75	6.3	6	2	9	2.10
K863480		3.11	<0.005	0.3	0.05	<2	<10	20	<0.5	2	19.2	<0.5	<1	<1	1	0.38
K863481		4.95	<0.005	<0.2	0.65	<2	<10	1500	0.6	4	2.31	<0.5	6	5	7	2.42
K863482		5.03	<0.005	<0.2	0.48	2	<10	1330	0.7	2	2.85	<0.5	7	4	7	2.34
K863483		2.58	<0.005	1.0	0.69	<2	<10	1320	0.8	4	3.20	<0.5	6	3	6	1.99
K863484		5.38	<0.005	<0.2	0.79	3	<10	480	0.6	2	2.21	<0.5	7	6	5	2.58
K863485		4.82	<0.005	<0.2	0.61	2	<10	1070	0.6	2	3.06	<0.5	7	7	5	2.53
K863486		2.50	<0.005	<0.2	0.53	7	<10	1750	0.6	3	2.77	<0.5	8	7	6	2.53
K863487		3.29	<0.005	<0.2	0.91	3	<10	620	0.5	<2	2.26	<0.5	7	9	7	2.71
K863488		0.12	1.465	31.0	4.78	149	<10	50	<0.5	10	4.42	30.6	85	57	7270	7.91
K863489		5.66	<0.005	<0.2	1.20	2	<10	310	0.5	<2	1.57	<0.5	7	11	6	2.69

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Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11175441

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863459		10	<1	0.25	20	0.64	628	1	0.09	1	610	6	0.02	<2	8	176
K863460		<10	<1	0.24	20	0.76	840	1	0.03	1	580	7	0.03	<2	9	171
K863461		10	1	0.23	10	1.03	569	41	0.31	308	640	8050	7.24	25	4	76
K863462		<10	<1	0.29	20	0.81	1805	1	0.04	1	560	44	0.34	4	7	194
K863463		<10	1	0.31	20	0.75	875	2	0.04	2	590	15	0.07	3	8	176
K863464		<10	<1	0.36	20	0.67	3500	1	0.04	<1	610	38	0.17	5	5	135
K863465		<10	<1	0.33	10	0.23	15050	3	0.03	3	510	326	0.59	13	5	104
K863466		<10	<1	0.38	20	0.33	2100	1	0.04	1	550	31	0.34	6	5	136
K863467		<10	1	0.32	20	0.73	1050	1	0.04	2	600	17	0.19	4	7	163
K863468		<10	<1	0.21	20	0.73	881	1	0.03	<1	650	7	0.04	<2	10	139
K863469		<10	<1	0.30	20	0.65	1680	2	0.04	<1	550	26	0.16	2	7	178
K863470		<10	<1	0.31	20	0.61	3960	1	0.04	1	520	130	0.29	7	6	194
K863471		<10	<1	0.03	<10	11.90	185	<1	0.01	<1	310	<2	0.02	<2	<1	54
K863472		<10	1	0.40	10	0.37	2820	1	0.04	<1	560	42	0.37	3	6	170
K863473		<10	<1	0.42	10	0.50	4370	1	0.04	1	550	99	0.55	5	6	174
K863474		<10	<1	0.33	20	0.79	3170	1	0.03	<1	520	80	0.33	2	4	187
K863475		<10	<1	0.35	20	0.69	2110	1	0.04	1	550	23	0.28	5	5	164
K863476		<10	<1	0.52	20	0.71	2300	1	0.04	<1	540	24	0.19	2	5	178
K863477		<10	<1	0.34	20	0.47	1265	1	0.03	<1	530	16	0.05	<2	4	151
K863478		<10	<1	0.34	20	0.61	2790	<1	0.04	1	550	60	0.11	<2	4	171
K863479		<10	<1	0.31	20	0.61	4240	1	0.04	<1	500	254	0.30	5	5	151
K863480		<10	<1	0.03	<10	11.65	208	1	0.01	1	230	2	0.02	<2	<1	54
K863481		<10	1	0.22	20	0.65	813	<1	0.05	1	550	11	0.05	2	8	183
K863482		<10	1	0.27	20	0.67	706	<1	0.05	1	580	7	0.06	<2	6	174
K863483		<10	<1	0.35	20	0.65	636	<1	0.05	1	580	31	0.06	<2	4	246
K863484		<10	<1	0.26	20	0.76	727	1	0.07	1	600	14	0.02	<2	7	148
K863485		<10	<1	0.21	20	0.74	694	1	0.06	1	600	12	0.05	<2	7	200
K863486		<10	1	0.29	20	0.62	662	1	0.05	3	600	8	0.19	<2	6	209
K863487		<10	1	0.21	30	0.78	678	1	0.07	5	620	8	0.03	<2	7	146
K863488		10	2	0.24	10	1.12	616	42	0.33	313	660	8050	7.24	25	4	79
K863489		10	<1	0.22	20	0.76	593	1	0.11	3	600	8	0.02	<2	6	107

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11175441

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863459		<20	0.04	<10	<10	49	<10	48	<1
K863460		<20	0.01	<10	<10	38	<10	56	<1
K863461		<20	0.05	<10	<10	294	<10	7700	30
K863462		<20	<0.01	<10	<10	21	<10	83	2
K863463		<20	<0.01	<10	<10	29	<10	54	1
K863464		<20	<0.01	<10	<10	12	<10	113	1
K863465		<20	<0.01	<10	30	12	<10	832	5
K863466		<20	<0.01	<10	<10	11	<10	69	1
K863467		<20	0.01	<10	<10	30	<10	54	<1
K863468		<20	0.02	<10	<10	45	<10	55	<1
K863469		<20	<0.01	<10	<10	17	<10	52	<1
K863470		<20	<0.01	<10	<10	14	<10	171	3
K863471		<20	<0.01	<10	<10	2	<10	15	<1
K863472		<20	<0.01	<10	<10	13	<10	123	<1
K863473		<20	<0.01	<10	<10	13	<10	214	1
K863474		<20	<0.01	<10	<10	12	<10	244	1
K863475		<20	<0.01	<10	<10	14	<10	55	<1
K863476		<20	<0.01	<10	<10	15	<10	74	1
K863477		<20	<0.01	<10	<10	11	<10	54	<1
K863478		<20	<0.01	<10	<10	11	<10	67	1
K863479		<20	<0.01	<10	10	12	<10	1075	4
K863480		<20	<0.01	<10	<10	2	<10	22	<1
K863481		<20	0.01	<10	<10	39	<10	59	<1
K863482		<20	<0.01	<10	<10	27	<10	50	1
K863483		<20	<0.01	<10	<10	18	<10	58	1
K863484		<20	0.01	<10	<10	41	<10	54	1
K863485		<20	0.01	<10	<10	41	<10	49	<1
K863486		<20	<0.01	<10	<10	28	<10	45	<1
K863487		20	0.01	<10	<10	46	<10	51	1
K863488		<20	0.05	<10	10	312	10	7370	31
K863489		<20	0.05	<10	<10	57	<10	51	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11175442

Project: Klaza DDH- 34

P.O. No.: Batch 4

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 34

CERTIFICATE OF ANALYSIS WH11175442

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973057		11.31	0.005	2.2	0.85	11	<10	220	0.6	2	2.12	<0.5	6	9	7	3.18
K973058		11.09	<0.005	0.3	1.15	16	<10	310	0.5	<2	1.63	<0.5	4	8	6	2.81
K973059		7.31	<0.005	0.3	1.51	6	<10	420	0.5	2	1.87	<0.5	3	7	16	2.83
K973060		3.38	<0.005	0.4	1.27	9	<10	800	0.5	<2	2.06	<0.5	2	4	4	2.87
K973061		10.95	<0.005	0.2	1.11	6	<10	440	<0.5	<2	2.68	<0.5	2	6	3	2.28
K973062		0.11	1.560	33.5	5.05	148	<10	30	<0.5	5	4.88	32.9	89	61	7420	8.67
K973063		8.94	<0.005	0.2	0.94	6	<10	430	<0.5	<2	2.52	<0.5	1	5	6	1.72
K973064		5.24	<0.005	<0.2	1.01	6	<10	150	<0.5	2	2.40	<0.5	1	4	7	1.76
K973065		3.21	<0.005	<0.2	1.07	6	<10	160	<0.5	2	2.24	<0.5	2	4	8	2.15
K973066		9.95	<0.005	<0.2	1.18	10	<10	140	<0.5	<2	2.11	<0.5	6	5	5	2.76
K973067		6.88	<0.005	<0.2	1.08	7	<10	670	<0.5	<2	1.54	<0.5	1	5	3	2.01
K973068		3.78	<0.005	<0.2	1.42	6	<10	130	<0.5	3	1.61	<0.5	6	4	2	3.80
K973069		1.14	<0.005	<0.2	0.04	2	<10	140	<0.5	<2	18.6	<0.5	<1	<1	1	0.40
K973070		7.16	<0.005	<0.2	0.87	7	<10	260	0.5	2	1.45	<0.5	3	5	7	2.41
K973071		6.09	<0.005	<0.2	1.04	6	<10	220	0.6	<2	1.48	<0.5	2	5	2	2.79
K973072		2.93	0.792	35.2	0.42	7640	<10	100	<0.5	2	2.24	58.3	25	2	80	4.20
K973073		1.37	<0.005	<0.2	0.05	66	<10	20	<0.5	<2	18.7	<0.5	<1	1	1	0.36
K973074		4.04	<0.005	0.3	1.26	28	<10	130	0.8	<2	1.66	<0.5	7	5	14	2.89
K973075		11.04	<0.005	<0.2	1.16	9	<10	380	<0.5	<2	1.97	<0.5	5	7	5	2.62
K973076		10.68	<0.005	<0.2	1.46	6	<10	150	0.5	<2	1.43	<0.5	6	8	4	2.62
K973077		11.80	<0.005	<0.2	1.20	5	<10	150	<0.5	<2	1.33	<0.5	5	9	6	2.45
K973078		0.09	NSS	33.8	4.82	150	<10	40	<0.5	7	4.42	32.4	88	55	7010	7.88
K973079		10.87	<0.005	0.3	1.14	6	<10	110	<0.5	<2	1.30	<0.5	4	8	4	2.53
K973080		12.73	<0.005	<0.2	1.15	10	<10	150	<0.5	<2	1.11	<0.5	4	9	5	2.28
K973081		9.91	<0.005	<0.2	1.11	8	<10	150	<0.5	<2	1.01	<0.5	5	8	5	2.31
K973082		4.20	<0.005	<0.2	1.19	8	<10	160	<0.5	<2	0.99	<0.5	5	8	5	2.42
K973083		3.97	<0.005	<0.2	1.19	7	<10	180	<0.5	<2	1.70	<0.5	5	8	8	2.47

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 34

CERTIFICATE OF ANALYSIS WH11175442

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973057		<10	<1	0.20	20	0.66	750	1	0.04	4	580	14	0.29	3	6	126
K973058		<10	<1	0.19	20	0.70	580	1	0.06	1	600	12	0.04	2	7	113
K973059		10	<1	0.19	30	0.73	523	2	0.03	2	570	12	0.02	<2	6	153
K973060		<10	<1	0.29	30	0.53	591	<1	0.03	1	540	9	0.08	<2	3	134
K973061		<10	<1	0.27	20	0.51	608	1	0.04	<1	580	8	0.02	<2	5	132
K973062		10	1	0.26	<10	1.21	640	42	0.36	319	670	8240	7.32	24	5	81
K973063		<10	<1	0.31	20	0.33	498	1	0.03	1	510	11	0.03	<2	3	137
K973064		<10	1	0.26	20	0.44	624	2	0.04	5	550	11	0.02	<2	3	118
K973065		<10	<1	0.27	20	0.47	665	3	0.04	2	620	7	0.05	<2	4	95
K973066		<10	1	0.24	30	0.57	795	2	0.03	3	610	7	0.22	<2	4	100
K973067		<10	<1	0.24	20	0.57	600	1	0.04	2	610	3	0.04	<2	3	66
K973068		10	1	0.24	20	1.22	1245	1	0.03	3	550	4	0.20	<2	4	82
K973069		<10	<1	0.02	<10	11.30	205	<1	0.01	<1	220	<2	0.02	<2	<1	59
K973070		<10	<1	0.20	20	0.60	602	1	0.03	1	590	5	0.02	<2	5	101
K973071		<10	<1	0.22	30	0.61	608	1	0.03	2	620	6	0.03	<2	5	117
K973072		<10	<1	0.31	10	0.59	4030	1	0.01	2	480	1300	3.50	65	2	86
K973073		<10	<1	0.03	<10	11.70	193	<1	0.02	1	350	4	0.02	<2	<1	52
K973074		<10	<1	0.21	20	0.71	1085	1	0.03	5	660	18	0.17	<2	6	147
K973075		<10	1	0.16	20	0.70	755	1	0.07	2	640	9	0.03	<2	7	132
K973076		10	<1	0.15	20	0.75	524	2	0.04	2	640	8	0.02	2	6	152
K973077		10	<1	0.14	20	0.77	514	1	0.08	2	590	8	0.01	<2	5	89
K973078		10	1	0.23	10	1.12	623	45	0.32	300	680	7800	7.37	28	4	77
K973079		10	<1	0.13	10	0.75	496	1	0.08	1	590	12	0.03	<2	4	73
K973080		10	1	0.13	10	0.65	420	1	0.08	1	560	13	0.01	<2	4	67
K973081		<10	1	0.13	10	0.65	408	1	0.08	2	580	9	0.03	<2	4	67
K973082		10	<1	0.14	10	0.67	411	1	0.09	2	580	10	0.03	<2	4	70
K973083		10	1	0.18	20	0.69	552	1	0.07	1	590	7	0.06	<2	4	69

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 34

CERTIFICATE OF ANALYSIS WH11175442

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973057		<20	0.01	<10	<10	39	<10	46	2
K973058		20	0.02	<10	<10	50	<10	45	<1
K973059		20	<0.01	<10	<10	46	<10	46	<1
K973060		<20	<0.01	<10	<10	29	<10	48	<1
K973061		20	0.01	<10	<10	35	<10	38	<1
K973062		<20	0.06	<10	10	341	10	7760	31
K973063		20	<0.01	<10	<10	23	<10	32	<1
K973064		<20	<0.01	<10	<10	20	<10	39	1
K973065		<20	<0.01	<10	<10	27	<10	38	1
K973066		<20	<0.01	<10	<10	29	<10	44	<1
K973067		<20	<0.01	<10	<10	23	<10	41	<1
K973068		<20	<0.01	<10	<10	31	<10	83	<1
K973069		<20	<0.01	<10	<10	2	<10	14	<1
K973070		<20	<0.01	<10	<10	31	<10	37	<1
K973071		<20	<0.01	<10	<10	35	<10	43	1
K973072		<20	<0.01	<10	<10	9	<10	3960	33
K973073		<20	<0.01	<10	<10	2	<10	48	<1
K973074		<20	0.01	<10	<10	40	<10	48	1
K973075		<20	0.03	<10	<10	49	<10	43	<1
K973076		<20	0.02	<10	<10	54	<10	42	<1
K973077		<20	0.09	<10	<10	51	<10	37	<1
K973078		<20	0.05	<10	10	306	10	7430	29
K973079		<20	0.10	<10	<10	51	<10	44	<1
K973080		<20	0.12	<10	<10	49	<10	36	<1
K973081		<20	0.11	<10	<10	51	<10	43	<1
K973082		<20	0.13	<10	<10	55	<10	34	<1
K973083		<20	0.08	<10	<10	48	<10	38	<1

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 30- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 34

CERTIFICATE OF ANALYSIS WH11175442

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

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Finalized Date: 27- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11175443

Project: Klaza- DDH- 40

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 40

CERTIFICATE OF ANALYSIS WH11175443

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973120		11.42	0.008	0.8	0.92	25	<10	340	0.9	<2	2.01	3.9	5	5	29	3.47
K973121		3.59	4.48	7.2	0.41	>10000	<10	20	0.7	3	2.09	48.6	6	2	96	4.98
K973122		1.85	<0.005	<0.2	0.10	5	<10	20	<0.5	<2	18.6	<0.5	1	4	3	0.43
K973123		4.25	<0.005	0.2	1.23	18	<10	330	0.9	<2	1.98	<0.5	6	5	17	2.98
K973124		3.94	0.035	2.3	0.70	31	<10	540	0.8	<2	2.69	16.9	5	3	42	3.62
K973125		9.73	<0.005	0.2	1.23	7	<10	780	0.7	<2	2.24	<0.5	6	5	21	2.88
K973126		8.30	<0.005	<0.2	1.27	7	<10	390	0.8	<2	2.76	<0.5	6	5	13	2.97
K973127		3.65	0.020	0.3	0.75	11	<10	30	0.6	2	2.61	<0.5	11	3	4	2.70
K973128		3.52	0.512	6.2	0.44	1620	<10	30	0.5	5	2.05	45.1	5	3	77	3.21
K973129		0.17	1.445	30.8	4.68	138	<10	40	<0.5	11	4.55	30.9	79	55	6970	8.07
K973130		8.63	<0.005	0.2	0.57	10	<10	380	0.9	<2	3.19	<0.5	6	2	34	2.14
K973131		4.58	0.019	0.6	0.48	119	<10	940	0.8	<2	2.30	0.9	7	2	12	2.48
K973132		8.75	0.892	2.9	0.50	433	<10	60	0.7	2	1.61	9.5	6	2	37	2.95
K973133		5.84	<0.005	0.2	0.53	23	<10	570	0.9	<2	2.92	<0.5	5	2	6	2.32
K973134		7.08	<0.005	0.3	0.59	7	<10	840	0.8	<2	3.10	0.5	4	10	11	1.88
K973135		2.91	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.0	<0.5	1	1	3	0.35
K973136		3.03	0.413	11.4	0.40	346	<10	10	<0.5	12	0.63	27.3	9	3	40	7.84
K973137		8.36	0.029	0.7	0.59	29	<10	890	0.8	<2	3.25	3.1	5	3	11	2.13
K973138		9.52	0.005	0.3	0.64	10	<10	930	0.9	<2	2.91	0.7	4	2	7	1.81
K973139		1.76	0.026	0.6	0.58	54	<10	160	1.0	<2	2.64	1.9	7	1	8	2.52
K973140		7.28	0.006	0.3	0.55	54	<10	1390	1.0	<2	2.94	<0.5	6	1	13	2.05
K973141		4.23	<0.005	0.3	0.49	10	<10	1520	0.7	<2	2.34	0.5	6	3	9	2.03
K973142		0.12	1.495	31.8	4.50	145	<10	40	<0.5	8	4.51	30.7	84	54	6720	8.16
K973143		3.30	0.057	2.3	0.42	121	<10	60	0.7	<2	2.61	8.8	6	2	71	2.69
K973144		4.43	0.433	5.2	0.39	277	<10	30	<0.5	<2	1.76	10.6	8	2	32	3.30
K973145		4.81	0.045	2.1	0.44	113	<10	80	0.8	<2	2.28	14.3	6	2	24	4.57
K973146		6.70	0.010	0.6	0.55	42	<10	450	0.6	<2	2.25	<0.5	6	3	13	2.52
K973147		9.94	0.048	2.0	0.48	70	<10	40	0.5	<2	1.98	4.8	9	2	20	3.31
K973148		4.74	0.271	2.8	0.41	119	<10	50	<0.5	<2	2.41	13.1	7	2	37	2.93
K973149		11.01	0.016	0.7	0.45	31	<10	200	<0.5	<2	2.39	1.0	7	2	5	2.40
K973150		7.55	<0.005	0.4	0.72	15	<10	240	0.6	<2	3.06	0.7	5	2	3	2.41
K973151		4.51	0.045	3.5	0.41	79	<10	70	0.5	<2	2.37	13.7	6	2	26	2.94
K973152		3.09	<0.005	0.3	0.68	17	<10	500	1.0	<2	3.36	<0.5	7	5	10	2.56
K973153		1.69	<0.005	0.2	0.60	14	<10	600	1.0	<2	3.27	<0.5	7	5	9	2.41
K973154		5.55	0.027	0.9	0.60	66	<10	290	0.8	<2	2.61	2.7	7	2	35	2.65
K973155		2.42	<0.005	0.2	0.57	4	<10	1790	0.9	<2	2.07	<0.5	7	5	9	2.59

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 40

CERTIFICATE OF ANALYSIS WH11175443

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973120		<10	1	0.23	20	0.63	979	1	<0.01	1	560	180	0.28	5	7	70
K973121		<10	1	0.24	10	0.65	1675	10	<0.01	1	440	1705	3.10	54	6	46
K973122		<10	1	0.06	<10	11.60	194	<1	<0.01	<1	190	<2	0.07	<2	1	42
K973123		<10	<1	0.20	20	0.53	422	1	0.03	1	580	12	0.06	2	9	91
K973124		<10	<1	0.26	20	0.90	1470	<1	<0.01	1	560	601	0.51	2	7	128
K973125		<10	1	0.19	20	0.71	602	1	0.01	1	570	15	0.13	2	8	86
K973126		<10	<1	0.18	20	0.85	521	2	0.01	1	560	17	0.26	<2	7	132
K973127		<10	<1	0.36	20	0.39	456	2	0.01	2	540	8	1.82	<2	4	93
K973128		<10	<1	0.29	10	0.42	953	1	<0.01	1	520	955	2.68	9	3	57
K973129		10	1	0.23	<10	1.13	607	46	0.32	312	630	8050	6.73	24	4	75
K973130		<10	<1	0.29	10	0.97	624	1	<0.01	4	540	18	0.11	<2	3	189
K973131		<10	<1	0.24	10	0.80	728	2	<0.01	3	540	40	0.32	<2	4	103
K973132		<10	<1	0.28	10	0.60	1150	3	<0.01	2	540	387	1.19	5	3	80
K973133		<10	<1	0.27	10	0.88	658	1	<0.01	1	620	20	0.18	<2	4	168
K973134		<10	<1	0.30	20	0.72	499	1	<0.01	5	780	25	0.05	<2	3	264
K973135		<10	<1	0.03	<10	11.75	167	<1	<0.01	<1	220	<2	<0.01	<2	<1	52
K973136		<10	<1	0.29	10	0.31	763	2	<0.01	<1	410	1165	7.65	6	2	27
K973137		<10	<1	0.27	20	0.74	483	2	<0.01	2	710	85	0.26	<2	4	327
K973138		<10	<1	0.32	10	0.76	517	1	<0.01	1	710	24	0.06	<2	3	249
K973139		<10	<1	0.31	10	0.77	893	1	<0.01	2	600	46	0.88	2	4	135
K973140		<10	<1	0.31	10	0.84	658	1	0.03	6	630	25	0.17	3	3	167
K973141		<10	<1	0.26	10	0.70	490	2	0.03	3	750	26	0.10	3	4	206
K973142		10	1	0.23	10	1.10	606	42	0.34	297	640	7740	6.83	29	4	75
K973143		<10	<1	0.28	20	0.68	2650	2	0.01	3	550	260	1.86	8	5	77
K973144		<10	<1	0.29	10	0.46	1735	1	0.01	1	510	1265	2.92	11	3	54
K973145		<10	<1	0.30	10	0.67	2290	1	0.01	1	540	585	1.31	4	4	76
K973146		<10	<1	0.25	20	0.65	1180	1	0.02	2	480	30	0.65	3	6	83
K973147		<10	<1	0.29	10	0.56	1350	1	0.01	1	540	307	2.33	5	4	51
K973148		<10	<1	0.27	10	0.63	1360	<1	0.01	2	510	323	2.04	4	3	50
K973149		<10	<1	0.24	10	0.65	1060	<1	0.02	1	610	53	1.32	2	4	55
K973150		<10	<1	0.25	20	0.66	924	<1	0.02	1	600	48	0.72	<2	6	90
K973151		<10	<1	0.30	10	0.59	1750	<1	0.01	1	570	992	2.20	4	3	59
K973152		<10	<1	0.28	20	0.94	948	<1	0.02	4	1100	16	0.18	4	5	327
K973153		<10	<1	0.25	20	0.93	860	<1	0.02	4	1100	10	0.07	2	4	336
K973154		<10	<1	0.27	20	0.56	1400	1	0.02	1	580	109	0.84	8	6	106
K973155		<10	<1	0.25	10	1.01	808	<1	0.03	3	880	8	0.09	2	5	206

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 40

CERTIFICATE OF ANALYSIS WH11175443

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973120		<20	<0.01	<10	<10	35	<10	313	1
K973121		<20	<0.01	<10	10	17	<10	3400	5
K973122		<20	<0.01	<10	<10	4	<10	14	<1
K973123		<20	0.01	<10	<10	41	<10	48	<1
K973124		<20	<0.01	<10	<10	30	<10	1615	<1
K973125		<20	0.01	<10	<10	43	<10	78	<1
K973126		<20	0.01	<10	<10	41	<10	50	<1
K973127		<20	<0.01	<10	<10	15	<10	68	<1
K973128		<20	<0.01	<10	<10	10	<10	3030	4
K973129		<20	0.06	<10	10	311	10	7410	30
K973130		<20	<0.01	<10	<10	27	<10	84	<1
K973131		<20	<0.01	<10	10	21	<10	110	<1
K973132		<20	<0.01	<10	<10	11	<10	724	<1
K973133		<20	<0.01	<10	<10	18	<10	66	<1
K973134		<20	<0.01	<10	<10	14	<10	84	<1
K973135		<20	<0.01	<10	<10	1	<10	14	<1
K973136		<20	<0.01	<10	<10	9	<10	1795	9
K973137		<20	<0.01	<10	<10	19	<10	244	<1
K973138		<20	<0.01	<10	<10	16	<10	79	<1
K973139		<20	<0.01	<10	<10	14	<10	131	<1
K973140		<20	<0.01	<10	<10	14	<10	63	<1
K973141		<20	<0.01	<10	<10	19	<10	77	<1
K973142		<20	0.05	<10	<10	308	<10	7370	29
K973143		<20	<0.01	<10	<10	10	<10	708	<1
K973144		<20	<0.01	<10	<10	8	<10	828	3
K973145		<20	<0.01	<10	<10	14	<10	1145	<1
K973146		<20	<0.01	<10	<10	22	<10	62	<1
K973147		<20	<0.01	<10	<10	12	<10	520	<1
K973148		<20	<0.01	<10	<10	8	<10	938	<1
K973149		<20	<0.01	<10	<10	13	<10	119	<1
K973150		<20	<0.01	<10	<10	24	<10	109	<1
K973151		<20	<0.01	<10	<10	7	<10	1490	1
K973152		<20	<0.01	<10	<10	28	<10	70	<1
K973153		<20	<0.01	<10	<10	28	<10	56	<1
K973154		<20	<0.01	<10	<10	22	<10	228	<1
K973155		<20	<0.01	<10	<10	26	<10	64	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11175444

Project: Klaza- DDH- 43

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
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Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11175444

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K270466		9.38	<0.005	0.7	0.87	5	<10	310	0.5	<2	1.68	7.9	6	6	17	2.78
K270467		10.76	<0.005	0.2	0.88	10	<10	240	<0.5	<2	1.68	1.8	8	7	19	2.51
K270468		13.00	<0.005	<0.2	1.01	6	<10	170	<0.5	<2	1.00	1.3	5	8	9	2.37
K270469		13.05	0.034	0.4	1.05	8	<10	150	<0.5	<2	1.06	1.4	6	11	13	2.58
K270470		12.67	0.015	0.3	1.11	5	<10	210	<0.5	<2	1.02	2.7	5	10	18	2.50
K270471		0.11	1.570	32.0	4.62	141	<10	40	<0.5	10	4.41	30.7	81	54	6910	7.84
K270472		6.93	0.005	<0.2	1.05	6	<10	150	<0.5	<2	1.39	0.6	6	8	42	2.60
K270473		8.66	0.062	1.7	0.69	37	<10	360	0.6	<2	2.03	13.5	7	5	21	2.68
K270474		8.92	0.017	0.5	0.40	13	<10	30	<0.5	<2	2.82	0.6	11	3	2	2.84
K270475		9.24	0.042	3.1	0.41	27	<10	20	<0.5	2	2.47	10.0	10	3	9	2.92
K270476		10.05	<0.005	0.2	0.77	6	<10	1000	<0.5	<2	2.12	2.3	2	6	3	1.68
K270477		1.56	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	18.9	<0.5	<1	1	1	0.43
K270478		9.19	0.036	0.5	0.64	26	<10	370	0.5	<2	1.87	1.9	4	5	6	2.57
K270479		5.53	0.328	5.3	0.37	137	<10	40	0.5	<2	2.22	14.8	7	3	27	3.32
K270480		7.78	0.017	0.5	0.86	11	<10	740	<0.5	<2	1.64	1.5	8	7	57	3.13
K270481		10.33	<0.005	<0.2	0.98	6	<10	160	<0.5	<2	1.24	<0.5	5	9	10	2.59
K270482		3.99	0.142	3.1	0.55	77	<10	110	0.5	<2	2.27	7.1	10	5	16	3.51
K270483		10.60	0.105	2.7	0.47	107	<10	50	0.7	<2	2.60	10.1	8	3	15	3.22
K270484		1.62	<0.005	<0.2	0.04	3	<10	10	<0.5	<2	19.1	<0.5	<1	1	1	0.45
K270485		11.70	0.021	0.5	1.02	13	<10	320	<0.5	<2	1.25	0.5	5	9	28	2.70
K270486		12.17	0.012	<0.2	0.74	50	<10	260	0.5	<2	1.74	<0.5	6	7	33	2.43
K270487		13.38	<0.005	<0.2	0.82	10	<10	240	<0.5	<2	1.52	<0.5	5	8	19	2.52
K270488		8.83	0.264	9.8	0.38	270	<10	20	0.6	<2	1.92	36.9	10	3	39	3.80
K270489		12.36	0.220	3.4	0.78	48	<10	370	0.5	<2	1.62	11.5	6	6	29	2.63
K270490		12.92	<0.005	<0.2	1.01	4	<10	320	<0.5	<2	1.61	<0.5	6	9	19	2.53
K270491		0.13	1.455	33.1	4.62	146	<10	40	<0.5	9	4.44	30.7	82	54	6820	7.87
K270492		12.04	<0.005	<0.2	1.14	4	<10	180	<0.5	<2	1.37	<0.5	6	9	30	2.74
K270493		12.72	0.042	0.9	1.10	13	<10	240	<0.5	<2	2.30	7.1	8	7	9	2.70
K270494		5.63	0.043	1.4	0.63	48	<10	120	0.8	<2	3.55	4.9	7	3	6	2.70
K270495		9.23	0.007	<0.2	0.75	6	<10	130	0.6	<2	1.93	0.7	5	5	3	2.45
K270496		4.38	0.011	0.2	0.82	7	<10	90	0.6	<2	1.81	<0.5	5	5	3	2.33
K270497		12.49	<0.005	<0.2	0.81	5	<10	120	0.6	<2	1.77	1.6	6	5	3	2.29
K270498		8.65	0.005	0.8	0.98	4	<10	270	0.6	<2	1.95	6.5	5	6	10	2.69
K270499		4.09	0.088	2.4	0.45	59	<10	300	0.9	<2	3.11	7.2	6	3	18	3.10
K270500		8.69	<0.005	<0.2	0.91	3	<10	230	<0.5	<2	1.49	<0.5	6	7	8	2.43
K269001		4.14	0.047	1.9	0.66	58	<10	160	0.8	<2	2.95	4.9	6	4	17	3.27

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11175444

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K270466		<10	<1	0.16	20	0.44	762	<1	0.03	<1	580	82	0.03	3	6	47
K270467		<10	1	0.13	20	0.50	549	<1	0.04	<1	590	18	0.11	3	6	51
K270468		<10	1	0.14	10	0.62	439	<1	0.06	<1	530	77	0.04	<2	4	33
K270469		<10	1	0.14	10	0.67	455	<1	0.06	<1	570	146	0.07	<2	4	32
K270470		<10	<1	0.14	10	0.68	386	<1	0.08	<1	580	59	0.07	<2	4	35
K270471		10	1	0.23	10	1.11	582	41	0.32	298	650	8000	7.06	25	4	75
K270472		<10	<1	0.13	10	0.67	432	<1	0.06	2	610	31	0.09	<2	5	45
K270473		<10	<1	0.22	20	0.57	1230	<1	0.03	<1	580	380	0.85	2	5	59
K270474		<10	<1	0.22	<10	0.89	695	<1	<0.01	<1	570	20	2.53	<2	3	63
K270475		<10	<1	0.21	10	0.65	1440	1	0.01	1	570	791	2.47	2	3	64
K270476		<10	1	0.17	80	0.66	631	<1	0.04	<1	600	91	0.14	<2	6	80
K270477		<10	<1	0.02	<10	12.05	195	<1	<0.01	<1	180	3	0.01	<2	<1	48
K270478		<10	<1	0.22	20	0.62	1895	<1	0.02	<1	570	136	0.56	2	5	49
K270479		<10	<1	0.27	10	0.65	2090	<1	<0.01	1	490	1710	2.44	6	3	46
K270480		<10	<1	0.22	20	0.69	713	2	0.05	2	630	136	0.42	<2	6	78
K270481		<10	<1	0.15	10	0.65	472	<1	0.06	<1	580	49	0.08	<2	4	45
K270482		<10	<1	0.26	10	0.69	1300	<1	0.01	<1	590	601	1.71	2	5	80
K270483		<10	1	0.29	10	0.75	2560	<1	0.01	<1	560	689	1.92	5	5	62
K270484		<10	<1	0.02	<10	12.30	200	<1	<0.01	<1	180	3	0.02	<2	<1	48
K270485		<10	1	0.18	10	0.69	631	1	0.06	<1	580	19	0.32	<2	4	45
K270486		<10	<1	0.20	20	0.60	649	2	0.04	<1	560	17	0.14	2	6	73
K270487		<10	<1	0.17	20	0.55	552	2	0.05	<1	570	11	0.06	3	6	62
K270488		<10	1	0.26	10	0.58	2540	1	<0.01	<1	500	2430	2.77	12	4	48
K270489		<10	1	0.21	10	0.61	725	2	0.03	<1	580	1375	0.46	4	5	71
K270490		<10	1	0.16	10	0.64	496	5	0.05	<1	590	17	0.09	2	5	65
K270491		10	1	0.23	<10	1.11	582	41	0.32	302	650	8080	7.10	27	4	75
K270492		<10	1	0.12	10	0.74	494	1	0.07	1	610	29	0.09	<2	5	56
K270493		<10	<1	0.19	20	0.73	645	<1	0.05	1	640	209	0.66	2	7	70
K270494		<10	<1	0.25	20	1.03	1110	<1	0.01	1	600	134	1.01	2	6	101
K270495		<10	<1	0.15	30	0.55	602	<1	0.02	1	670	40	0.18	2	9	61
K270496		<10	<1	0.16	30	0.45	504	<1	0.02	<1	670	78	0.15	2	9	57
K270497		<10	<1	0.13	30	0.45	453	<1	0.03	1	620	76	0.26	<2	8	58
K270498		<10	<1	0.19	20	0.63	730	<1	0.04	<1	610	265	0.11	<2	7	88
K270499		<10	<1	0.27	20	1.04	2850	<1	0.01	1	550	794	0.81	4	7	78
K270500		<10	<1	0.15	20	0.56	488	<1	0.06	1	600	20	0.04	<2	6	78
K269001		<10	<1	0.25	20	0.86	2490	<1	0.01	1	590	607	1.16	6	7	69

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11175444

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
K270466		<20	0.03	<10	<10	45	<10	434	<1
K270467		<20	0.03	<10	<10	46	<10	129	<1
K270468		<20	0.11	<10	<10	50	<10	128	<1
K270469		<20	0.10	<10	<10	53	<10	131	<1
K270470		<20	0.12	<10	<10	55	<10	234	<1
K270471		<20	0.05	<10	<10	304	<10	7150	29
K270472		<20	0.06	<10	<10	53	<10	107	<1
K270473		<20	0.01	<10	<10	29	<10	1000	<1
K270474		<20	<0.01	<10	<10	9	<10	74	<1
K270475		<20	<0.01	<10	<10	9	<10	1120	2
K270476		<20	0.01	<10	<10	36	<10	212	<1
K270477		<20	<0.01	<10	<10	1	<10	11	<1
K270478		<20	0.01	<10	<10	28	<10	186	<1
K270479		<20	<0.01	<10	<10	10	<10	1100	5
K270480		<20	0.03	<10	<10	47	<10	198	<1
K270481		<20	0.07	<10	<10	48	<10	54	<1
K270482		<20	<0.01	<10	<10	22	<10	713	3
K270483		<20	<0.01	<10	<10	13	<10	782	2
K270484		<20	<0.01	<10	<10	1	<10	12	<1
K270485		<20	0.09	<10	<10	50	<10	71	<1
K270486		<20	0.03	<10	<10	39	<10	37	<1
K270487		<20	0.04	<10	<10	45	<10	36	<1
K270488		<20	<0.01	<10	<10	12	<10	2600	8
K270489		<20	0.04	<10	<10	38	<10	770	3
K270490		<20	0.07	<10	<10	50	<10	47	<1
K270491		<20	0.05	<10	<10	302	<10	7200	30
K270492		<20	0.07	<10	<10	57	<10	63	1
K270493		<20	0.02	<10	<10	41	<10	478	1
K270494		<20	<0.01	<10	<10	22	<10	394	1
K270495		<20	<0.01	<10	<10	39	<10	101	<1
K270496		20	<0.01	<10	<10	39	<10	69	<1
K270497		20	<0.01	<10	<10	37	<10	142	<1
K270498		<20	0.01	<10	<10	38	<10	444	1
K270499		<20	<0.01	<10	<10	26	<10	561	2
K270500		<20	0.04	<10	<10	41	<10	50	<1
K269001		<20	<0.01	<10	<10	26	<10	379	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11175445

Project: Klaza DDH- 54

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11175445

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863423		4.26	0.008	1.0	0.54	9	<10	1050	1.1	<2	2.07	0.6	7	6	12	2.32
K863424		1.73	<0.005	0.6	0.37	4	<10	1700	0.9	<2	2.38	0.5	5	2	15	1.85
K863425		2.00	<0.005	<0.2	0.67	<2	<10	620	0.9	<2	2.42	<0.5	6	6	2	2.58
K863426		3.95	<0.005	0.2	0.48	3	<10	1230	0.9	<2	2.40	<0.5	5	3	5	2.39
K863427		0.15	1.060	33.0	4.79	148	<10	50	<0.5	5	4.47	31.3	83	56	7190	8.22
K863428		4.45	<0.005	0.2	0.53	2	<10	750	0.8	<2	2.58	<0.5	6	3	52	2.28
K863429		2.55	<0.005	1.5	0.75	<2	<10	470	0.8	<2	2.40	<0.5	6	6	6	2.54
K863430		3.49	<0.005	0.4	1.08	<2	<10	540	0.6	<2	2.10	<0.5	7	7	6	2.76
K863431		1.57	0.008	1.3	0.52	66	<10	270	1.0	<2	2.32	2.7	6	3	4	2.68
K863432		2.45	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	18.9	<0.5	<1	1	1	0.44
K863433		7.27	<0.005	<0.2	0.94	<2	<10	430	<0.5	<2	1.61	<0.5	6	8	4	2.60
K863434		7.84	<0.005	0.9	1.10	<2	<10	450	<0.5	<2	1.54	<0.5	7	9	8	2.57
K863435		5.32	<0.005	0.4	0.92	5	<10	410	0.5	<2	1.65	<0.5	6	8	5	2.59
K863436		3.59	0.021	1.2	0.69	5	<10	610	0.8	<2	2.90	0.5	6	4	9	2.65
K863437		3.55	<0.005	0.2	1.11	<2	<10	290	0.6	<2	1.66	<0.5	8	8	7	2.81
K863438		3.04	0.034	17.5	0.69	25	<10	390	0.8	<2	2.29	0.8	8	4	7	2.92
K863439		1.28	0.191	44.7	0.72	26	<10	420	0.8	<2	2.16	1.9	8	5	7	2.86
K863440		2.65	<0.005	0.8	0.56	10	<10	1270	0.8	<2	3.52	<0.5	8	3	3	2.54
K863441		3.69	<0.005	<0.2	0.73	<2	<10	590	0.7	<2	2.48	<0.5	6	5	3	2.78
K863442		7.18	<0.005	<0.2	0.89	<2	<10	770	0.6	<2	2.03	<0.5	7	7	3	2.70
K863443		4.45	<0.005	<0.2	1.02	<2	<10	640	0.7	<2	1.92	<0.5	7	7	4	2.72
K863444		3.05	<0.005	<0.2	1.01	<2	<10	720	0.7	<2	2.55	<0.5	7	6	3	2.70
K863445		2.00	<0.005	0.5	0.50	13	<10	2000	0.8	<2	2.31	<0.5	7	2	5	2.28
K863446		4.16	<0.005	<0.2	0.90	<2	<10	950	0.8	<2	2.37	<0.5	6	5	3	2.65
K863447		0.12	1.455	34.4	4.97	160	<10	40	<0.5	<2	4.64	33.1	88	58	7630	8.30
K863448		6.50	<0.005	<0.2	0.87	3	<10	1010	0.7	<2	2.84	<0.5	7	5	7	2.87
K863449		2.85	0.009	1.9	0.62	22	10	1000	0.8	<2	2.45	0.7	8	4	8	2.86
K863450		1.40	0.008	3.1	0.46	23	10	800	0.7	<2	2.93	2.1	7	2	13	2.27
K863451		1.71	0.010	2.9	0.39	74	<10	700	0.5	4	1.53	0.6	12	2	9	3.46
K863452		1.91	0.020	9.9	0.41	75	<10	390	0.6	3	2.63	1.3	10	2	28	2.76
K863453		3.03	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	19.3	<0.5	<1	<1	1	0.44
K863454		3.31	<0.005	<0.2	0.53	5	10	700	0.9	<2	3.05	<0.5	7	2	7	2.47
K863455		3.48	<0.005	<0.2	0.59	7	10	380	0.8	<2	3.10	<0.5	7	2	7	2.48
K863456		4.00	<0.005	<0.2	0.69	3	<10	1340	0.9	<2	2.66	<0.5	7	3	14	2.61
K863457		1.56	<0.005	0.5	0.55	11	10	820	0.9	<2	2.94	1.0	6	2	4	2.73
K863458		6.23	<0.005	<0.2	0.71	5	10	260	0.9	<2	2.47	0.6	7	3	3	2.78

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Finalized Date: 13- OCT- 2011
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Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11175445

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863423		<10	<1	0.38	20	0.52	2550	1	0.03	7	520	69	0.22	7	5	173
K863424		<10	<1	0.35	20	0.52	1200	<1	0.03	1	590	21	0.10	8	6	145
K863425		<10	<1	0.34	20	0.52	1005	<1	0.05	2	590	9	0.01	3	9	175
K863426		<10	<1	0.39	20	0.56	1310	<1	0.04	1	650	10	0.06	3	8	153
K863427		10	2	0.24	<10	1.11	615	48	0.32	312	680	8320	7.24	29	4	77
K863428		<10	<1	0.40	20	0.50	1020	<1	0.04	3	600	22	0.05	4	7	150
K863429		<10	<1	0.34	20	0.60	943	<1	0.05	2	670	12	0.02	2	9	174
K863430		<10	<1	0.31	20	0.70	868	<1	0.07	2	640	11	0.01	<2	8	174
K863431		<10	<1	0.33	20	0.61	4330	<1	0.03	1	630	155	0.31	2	7	151
K863432		<10	<1	0.02	<10	11.90	207	<1	0.02	3	190	<2	0.02	<2	<1	49
K863433		<10	<1	0.25	20	0.68	657	<1	0.09	2	630	5	0.01	<2	6	92
K863434		<10	<1	0.28	20	0.72	570	<1	0.10	7	640	9	0.01	2	6	99
K863435		<10	<1	0.24	20	0.68	688	<1	0.07	2	620	61	0.02	<2	6	110
K863436		<10	<1	0.27	20	0.88	1075	1	0.04	2	600	22	0.04	4	8	171
K863437		<10	<1	0.19	20	0.74	647	4	0.06	2	730	7	0.01	3	8	128
K863438		<10	<1	0.27	20	0.76	1545	<1	0.03	2	610	197	0.45	5	8	141
K863439		<10	<1	0.26	20	0.75	1420	<1	0.03	1	650	227	0.17	7	9	135
K863440		<10	<1	0.24	10	1.03	1605	<1	0.03	2	490	15	0.27	3	7	174
K863441		<10	<1	0.24	10	0.84	932	<1	0.03	2	590	8	0.02	<2	10	165
K863442		<10	<1	0.35	20	0.81	782	<1	0.07	3	600	8	0.02	3	8	143
K863443		<10	<1	0.32	20	0.75	677	<1	0.05	3	620	7	0.04	<2	9	137
K863444		<10	<1	0.32	20	0.77	753	<1	0.05	2	610	9	0.07	2	9	159
K863445		<10	<1	0.34	20	0.71	940	1	0.04	1	520	9	0.15	3	4	149
K863446		<10	1	0.31	20	0.81	755	1	0.04	1	570	8	0.05	<2	9	155
K863447		10	1	0.24	10	1.14	624	51	0.33	321	700	8650	7.84	31	4	78
K863448		<10	<1	0.24	20	0.81	900	<1	0.04	1	640	10	0.07	<2	10	150
K863449		<10	<1	0.32	20	0.75	3220	1	0.03	1	580	54	0.35	6	8	137
K863450		<10	<1	0.31	20	0.80	4080	1	0.03	1	460	163	0.29	8	6	169
K863451		<10	<1	0.33	20	0.39	16800	2	0.02	2	540	69	0.33	9	4	95
K863452		<10	<1	0.32	20	0.64	11100	1	0.02	2	470	503	0.62	23	5	118
K863453		<10	<1	0.03	<10	11.85	228	<1	0.01	<1	180	2	0.10	<2	<1	48
K863454		<10	<1	0.36	20	0.87	1350	<1	0.03	<1	590	11	0.13	3	7	151
K863455		<10	<1	0.37	20	0.90	1145	1	0.03	1	600	12	0.10	4	6	150
K863456		<10	<1	0.35	20	0.76	1065	1	0.04	4	620	13	0.09	3	7	160
K863457		<10	<1	0.34	20	0.86	4370	2	0.04	<1	560	111	0.23	3	6	182
K863458		<10	<1	0.32	20	0.75	2130	1	0.04	<1	600	39	0.10	2	9	164

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11175445

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863423		<20	<0.01	<10	<10	12	<10	92	<1
K863424		<20	<0.01	<10	<10	12	<10	57	<1
K863425		<20	0.02	<10	<10	37	<10	43	<1
K863426		<20	<0.01	<10	<10	19	<10	44	<1
K863427		<20	0.05	<10	<10	313	<10	7380	33
K863428		<20	0.01	<10	<10	22	<10	93	<1
K863429		20	0.03	<10	<10	38	<10	52	1
K863430		<20	0.06	<10	<10	52	<10	60	<1
K863431		<20	<0.01	<10	<10	21	<10	331	1
K863432		<20	<0.01	<10	10	2	<10	15	<1
K863433		<20	0.06	<10	<10	50	<10	45	<1
K863434		<20	0.09	<10	<10	55	<10	51	1
K863435		<20	0.05	<10	<10	50	<10	49	<1
K863436		<20	0.01	<10	<10	37	<10	102	<1
K863437		<20	0.03	<10	<10	53	<10	49	<1
K863438		<20	0.01	<10	<10	35	<10	133	21
K863439		<20	0.01	<10	<10	39	<10	261	43
K863440		<20	<0.01	<10	<10	29	<10	82	<1
K863441		<20	0.01	<10	<10	50	<10	62	<1
K863442		<20	0.06	<10	<10	49	<10	49	<1
K863443		<20	0.05	<10	<10	51	<10	47	<1
K863444		<20	0.05	<10	<10	48	<10	49	<1
K863445		<20	<0.01	<10	<10	11	<10	49	<1
K863446		<20	0.03	<10	<10	44	<10	51	<1
K863447		<20	0.06	<10	<10	321	<10	7870	33
K863448		<20	0.02	<10	<10	47	<10	65	1
K863449		<20	<0.01	<10	10	27	<10	115	2
K863450		<20	<0.01	<10	<10	16	<10	227	3
K863451		<20	<0.01	<10	10	12	<10	69	3
K863452		<20	<0.01	<10	10	14	<10	145	10
K863453		<20	<0.01	<10	<10	2	<10	15	<1
K863454		<20	<0.01	<10	<10	20	<10	64	<1
K863455		<20	<0.01	<10	<10	19	<10	59	1
K863456		<20	<0.01	<10	<10	25	<10	71	<1
K863457		<20	<0.01	<10	<10	17	<10	126	1
K863458		<20	<0.01	<10	<10	35	<10	108	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11175446

Project: Klaza DDH- 36

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175446

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269962		9.17	<0.005	<0.2	1.22	5	<10	200	<0.5	<2	1.30	<0.5	5	9	5	2.56
K269963		7.75	0.022	0.6	0.62	34	<10	530	0.9	<2	2.81	<0.5	5	4	37	2.54
K269964		10.54	0.007	<0.2	1.11	9	<10	290	0.6	<2	2.16	0.5	6	6	12	2.59
K269965		7.09	0.036	0.7	0.63	173	<10	450	0.7	<2	2.93	1.0	3	3	47	2.56
K269966		11.01	0.013	<0.2	0.76	63	<10	770	0.7	<2	3.09	<0.5	4	3	3	2.42
K269967		12.94	<0.005	<0.2	0.66	13	<10	1210	0.7	<2	3.00	<0.5	4	3	11	2.43
K269968		0.21	3.37	>100	0.19	>10000	<10	10	<0.5	<2	0.43	341	2	9	1675	14.5
K269969		7.83	<0.005	<0.2	0.83	16	<10	440	0.6	<2	2.06	<0.5	4	5	3	2.59
K269970		2.65	<0.005	<0.2	0.92	21	<10	1310	0.9	<2	3.69	<0.5	14	2	<1	6.04
K269971		10.39	0.044	<0.2	0.81	83	<10	440	0.8	<2	2.56	<0.5	6	4	6	2.78
K269972		8.00	1.605	>100	0.46	4640	<10	60	0.5	<2	4.90	22.4	5	2	167	3.36
K269973		2.28	<0.005	<0.2	0.09	6	<10	20	<0.5	<2	20.3	<0.5	1	3	1	0.45
K269974		8.27	0.171	1.5	0.66	567	<10	500	0.8	<2	3.44	8.4	4	3	8	2.98
K269975		4.00	0.088	6.8	0.53	749	<10	300	0.5	3	2.18	36.7	15	3	13	3.99
K269976		3.73	<0.005	<0.2	0.75	21	<10	970	0.9	<2	2.82	<0.5	4	4	6	2.79
K269977		4.45	0.237	2.7	0.59	1490	<10	150	0.8	<2	2.90	9.8	3	3	11	2.95
K269978		8.20	0.118	3.1	0.70	952	<10	160	0.8	<2	2.88	14.1	3	3	9	2.92
K269979		7.09	<0.005	0.9	0.78	18	<10	1440	0.9	<2	3.93	<0.5	4	4	14	2.92
K269980		5.09	0.113	3.0	0.63	1415	<10	100	0.6	<2	2.26	37.7	8	4	12	3.79
K269981		1.95	<0.005	<0.2	0.03	3	<10	10	<0.5	<2	19.0	<0.5	1	<1	<1	0.45
K269982		8.45	0.005	0.2	0.82	34	<10	610	0.6	<2	2.06	0.9	6	5	4	2.86
K269983		4.18	0.282	6.4	0.71	1320	<10	150	0.7	<2	2.81	41.1	3	3	19	2.66
K269984		5.60	0.010	0.3	0.94	93	<10	590	0.7	<2	3.56	1.4	4	4	1	2.94
K269985		4.48	0.059	6.6	0.98	946	<10	270	0.7	<2	2.57	34.5	3	4	13	3.46
K269986		8.66	<0.005	<0.2	0.89	17	<10	590	0.5	<2	2.24	<0.5	4	6	2	2.62
K269987		0.07	1.490	35.1	5.29	158	<10	50	<0.5	4	4.99	35.0	91	61	7910	8.85
K269988		8.53	<0.005	<0.2	0.93	9	<10	370	0.5	<2	2.05	<0.5	4	6	4	2.60
K269989		10.02	<0.005	<0.2	0.95	22	<10	1030	0.5	<2	2.60	<0.5	4	6	1	2.98
K269990		4.43	<0.005	<0.2	1.14	8	<10	480	<0.5	<2	1.77	<0.5	5	7	2	2.89
K269991		1.90	<0.005	<0.2	1.25	7	<10	480	<0.5	<2	1.75	<0.5	4	8	2	2.85
K269992		4.20	<0.005	<0.2	0.65	9	<10	1400	0.5	<2	2.66	<0.5	5	5	1	2.85
K269993		6.26	<0.005	<0.2	1.01	7	<10	730	<0.5	<2	1.83	<0.5	3	7	5	2.67
K269994		8.29	0.042	1.0	0.77	128	<10	540	0.6	<2	2.35	3.4	3	4	8	2.69
K269995		10.33	<0.005	0.9	0.79	41	<10	250	0.6	<2	2.04	1.5	3	5	3	2.63
K269996		4.96	0.007	<0.2	0.66	134	<10	280	0.5	<2	2.51	<0.5	3	3	3	2.72
K269997		5.59	0.053	5.5	0.71	955	<10	120	0.5	<2	2.67	23.9	13	2	17	3.34

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175446

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269962		<10	<1	0.20	20	0.64	424	<1	0.10	<1	600	12	0.02	3	6	102
K269963		<10	1	0.33	20	0.80	1685	<1	0.01	<1	550	64	0.26	7	7	139
K269964		<10	<1	0.25	20	0.60	792	<1	0.05	<1	600	52	0.12	3	7	135
K269965		<10	<1	0.34	10	0.82	2220	<1	0.01	<1	550	58	0.68	11	4	112
K269966		<10	<1	0.33	20	0.82	1370	<1	0.02	<1	530	13	0.35	2	5	136
K269967		<10	<1	0.31	20	0.88	1025	<1	0.02	<1	560	8	0.19	3	5	163
K269968		<10	1	0.08	<10	0.17	1530	<1	<0.01	8	140	>10000	>10.0	581	1	22
K269969		<10	<1	0.26	30	0.67	733	<1	0.04	<1	580	16	0.04	4	7	124
K269970		<10	<1	0.54	<10	1.30	1650	1	0.02	<1	1180	4	0.28	2	5	164
K269971		<10	<1	0.33	20	0.80	1775	<1	0.01	<1	540	11	0.55	4	6	140
K269972		<10	1	0.28	10	0.58	2170	18	<0.01	<1	340	818	2.78	154	3	214
K269973		<10	<1	0.05	<10	11.90	213	<1	<0.01	1	200	2	0.02	<2	<1	54
K269974		<10	1	0.29	10	1.11	2560	1	0.01	<1	400	147	0.57	7	6	188
K269975		<10	<1	0.40	10	0.82	6320	2	<0.01	<1	490	847	0.95	7	3	102
K269976		<10	<1	0.27	20	0.87	1990	<1	0.01	<1	510	24	0.32	2	8	192
K269977		<10	<1	0.32	10	0.88	2900	1	<0.01	<1	430	418	1.24	12	4	154
K269978		<10	<1	0.31	10	0.95	1930	1	<0.01	<1	340	484	1.05	8	5	155
K269979		<10	<1	0.32	20	1.26	1640	<1	0.02	<1	440	32	0.28	6	7	222
K269980		<10	<1	0.36	20	0.74	1475	<1	0.02	<1	520	486	1.66	8	4	120
K269981		<10	<1	0.02	<10	12.00	211	<1	<0.01	<1	170	2	0.02	<2	<1	51
K269982		<10	<1	0.31	20	0.70	1050	<1	0.04	<1	580	45	0.37	3	7	128
K269983		<10	1	0.28	20	0.86	2100	2	<0.01	<1	440	822	1.20	11	6	140
K269984		<10	<1	0.30	20	1.16	1540	<1	0.01	<1	590	65	0.61	3	7	171
K269985		<10	<1	0.33	20	0.78	1840	<1	0.02	<1	610	1020	1.12	8	6	160
K269986		<10	<1	0.29	30	0.70	824	<1	0.05	<1	570	16	0.18	2	6	132
K269987		10	1	0.25	<10	1.18	686	54	0.35	333	710	9130	7.98	33	5	88
K269988		<10	<1	0.25	20	0.72	773	<1	0.06	<1	590	11	0.12	<2	6	114
K269989		<10	<1	0.38	20	0.85	1195	<1	0.06	<1	580	8	0.38	2	5	144
K269990		10	<1	0.21	20	0.77	680	<1	0.07	<1	620	7	0.06	<2	7	117
K269991		10	<1	0.25	20	0.75	660	<1	0.09	<1	590	7	0.08	2	6	115
K269992		<10	<1	0.32	20	0.84	1025	<1	0.05	<1	610	9	0.18	<2	5	155
K269993		<10	<1	0.23	20	0.73	603	<1	0.08	2	580	11	0.05	3	6	110
K269994		<10	<1	0.31	20	0.73	1970	<1	0.04	<1	520	118	0.51	3	5	117
K269995		<10	<1	0.30	20	0.63	1065	<1	0.04	<1	560	45	0.26	3	5	103
K269996		<10	<1	0.30	20	0.84	1550	1	0.04	<1	580	17	0.53	3	5	124
K269997		<10	1	0.27	10	0.92	1710	5	0.03	<1	570	600	1.62	7	2	130

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Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175446

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K269962		20	0.09	<10	<10	54	<10	37	<1		
K269963		<20	<0.01	<10	<10	26	<10	50	<1		
K269964		20	0.02	<10	<10	41	<10	78	<1		
K269965		<20	<0.01	<10	<10	19	<10	159	<1		
K269966		<20	<0.01	<10	<10	24	<10	45	<1		
K269967		<20	<0.01	<10	<10	25	<10	44	<1		
K269968		<20	<0.01	<10	<10	8	160	>10000	417	3.00	3.52
K269969		20	0.01	<10	<10	40	<10	53	<1		
K269970		<20	<0.01	<10	<10	53	<10	123	<1		
K269971		20	<0.01	<10	<10	31	<10	51	<1		
K269972		<20	<0.01	<10	10	12	<10	1770	102		
K269973		<20	<0.01	<10	<10	3	<10	15	<1		
K269974		<20	<0.01	<10	10	29	<10	613	1		
K269975		<20	<0.01	<10	<10	16	<10	2510	4		
K269976		<20	<0.01	<10	<10	33	<10	60	<1		
K269977		<20	<0.01	<10	<10	16	<10	726	1		
K269978		<20	<0.01	<10	<10	22	<10	920	2		
K269979		<20	<0.01	<10	<10	27	<10	54	<1		
K269980		<20	<0.01	<10	<10	23	<10	2380	2		
K269981		<20	<0.01	<10	<10	1	<10	14	<1		
K269982		<20	0.01	<10	<10	38	<10	93	<1		
K269983		20	<0.01	<10	<10	22	<10	2600	5		
K269984		<20	<0.01	<10	<10	36	<10	133	<1		
K269985		<20	<0.01	<10	<10	33	<10	2320	5		
K269986		20	0.01	<10	<10	38	<10	59	<1		
K269987		<20	0.06	<10	<10	345	<10	7990	30		
K269988		20	0.02	<10	<10	40	<10	51	<1		
K269989		20	0.01	<10	<10	34	<10	57	<1		
K269990		20	0.03	<10	<10	50	<10	45	<1		
K269991		20	0.04	<10	<10	49	<10	43	<1		
K269992		20	<0.01	<10	<10	34	<10	52	<1		
K269993		<20	0.02	<10	<10	43	<10	45	<1		
K269994		<20	<0.01	<10	<10	26	<10	286	1		
K269995		<20	<0.01	<10	<10	30	<10	158	<1		
K269996		<20	<0.01	<10	<10	22	<10	69	<1		
K269997		<20	<0.01	<10	<10	10	<10	1515	5		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11175447

Project: Klaza DDH- 40

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 40

CERTIFICATE OF ANALYSIS WH11175447

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K973084		8.01	0.110		2.9	0.89	28	<10	440	0.6	<2	1.32	11.4	5	5	14
K973085		12.47	0.006		0.8	1.11	12	<10	1130	0.5	<2	3.10	5.6	3	6	3
K973086		11.91	0.007		0.3	1.09	19	<10	420	0.5	<2	2.36	1.3	6	8	4
K973087		12.21	<0.005		0.2	1.14	4	<10	200	<0.5	<2	1.38	<0.5	5	10	4
K973088		11.75	<0.005		<0.2	1.23	4	<10	150	<0.5	<2	1.07	<0.5	6	11	11
K973089		0.08	1.485		33.2	4.90	148	<10	50	<0.5	6	4.47	32.2	82	54	7070
K973090		12.38	<0.005		<0.2	1.26	4	<10	200	<0.5	<2	0.93	<0.5	5	10	21
K973091		12.54	<0.005		<0.2	1.22	3	<10	160	<0.5	<2	1.00	<0.5	5	11	11
K973092		12.65	<0.005		<0.2	1.29	3	<10	270	<0.5	<2	0.97	<0.5	6	11	10
K973093		6.90	<0.005		<0.2	1.30	4	<10	340	0.5	<2	1.00	<0.5	6	11	8
K973094		8.16	0.007		0.7	0.96	20	<10	600	0.6	<2	2.09	2.8	9	5	8
K973095		2.59	<0.005		<0.2	0.06	<2	<10	10	<0.5	<2	18.6	<0.5	2	<1	2
K973096		11.22	<0.005		0.2	1.38	4	<10	640	0.5	<2	1.31	<0.5	7	8	6
K973097		6.76	<0.005		0.2	1.39	5	<10	390	0.5	<2	1.43	<0.5	6	10	13
K973098		9.61	<0.005		0.2	1.21	18	<10	110	0.8	<2	1.74	<0.5	7	7	8
K973099		9.77	<0.005		0.3	1.38	5	<10	390	0.6	<2	1.65	<0.5	6	8	14
K973100		3.37	<0.005		0.2	1.25	4	<10	220	0.7	<2	2.72	<0.5	7	7	9
K973101		13.53	<0.005		0.2	1.24	6	<10	140	<0.5	<2	1.18	<0.5	6	10	16
K973102		0.08	1.355		33.6	4.91	148	<10	50	<0.5	9	4.47	31.8	82	54	7110
K973103		11.85	<0.005		0.2	1.24	5	<10	160	<0.5	<2	1.12	<0.5	6	10	20
K973104		12.70	<0.005		<0.2	1.16	6	<10	160	<0.5	<2	1.41	<0.5	5	10	7
K973105		3.46	0.005		0.5	0.95	13	<10	650	0.7	<2	1.81	3.6	5	6	7
K973106		13.80	<0.005		0.9	1.30	4	<10	170	0.5	<2	1.60	<0.5	6	10	12
K973107		10.46	<0.005		<0.2	1.21	5	<10	140	<0.5	<2	1.44	<0.5	6	11	14
K973108		7.65	<0.005		<0.2	1.19	5	<10	180	<0.5	<2	1.56	<0.5	6	11	10
K973109		4.22	<0.005		<0.2	1.22	4	<10	190	<0.5	<2	1.54	<0.5	5	10	15
K973110		6.14	0.009		0.3	0.60	47	<10	820	0.9	<2	2.83	<0.5	6	4	21
K973111		4.48	4.50		73.2	0.57	4620	<10	60	0.7	45	1.47	336	4	3	1100
K973112		7.50	0.012		<0.2	0.66	59	<10	610	0.8	<2	2.39	1.3	9	4	10
K973113		6.67	>10.0	10.65	21.6	0.59	3750	<10	130	0.7	4	1.89	8.1	7	4	78
K973114		1.47	<0.005		0.2	0.09	8	<10	20	<0.5	<2	19.4	<0.5	3	1	2
K973115		7.53	0.018		0.2	1.00	16	<10	350	0.6	<2	2.10	0.5	5	7	7
K973116		1.97	0.090		0.3	0.59	214	<10	310	0.9	<2	2.59	<0.5	7	4	12
K973117		7.08	<0.005		<0.2	1.07	4	<10	240	0.5	<2	1.53	<0.5	6	8	11
K973118		10.33	<0.005		<0.2	0.83	4	<10	240	0.7	<2	1.90	<0.5	5	6	13
K973119		8.59	0.034		0.9	0.66	189	<10	560	0.8	<2	2.34	2.2	7	5	25

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 40

CERTIFICATE OF ANALYSIS WH11175447

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K973084		2.46	<10	<1	0.20	30	0.21	1130	<1	0.04	1	660	671	0.10	3	6
K973085		2.55	<10	<1	0.27	30	0.41	1150	<1	0.05	<1	670	163	0.25	<2	7
K973086		2.66	<10	<1	0.21	30	0.49	801	3	0.05	1	650	36	0.30	<2	7
K973087		2.65	10	<1	0.15	10	0.69	461	3	0.09	<1	590	12	0.03	<2	6
K973088		2.51	10	<1	0.14	10	0.66	418	5	0.10	2	600	10	0.03	2	4
K973089		8.23	10	1	0.23	10	1.09	616	50	0.32	307	670	8130	7.22	29	4
K973090		2.45	10	<1	0.15	10	0.59	358	3	0.10	2	570	15	0.02	<2	3
K973091		2.47	10	<1	0.15	10	0.61	409	3	0.10	1	570	10	0.02	<2	4
K973092		2.53	10	<1	0.18	10	0.64	521	2	0.11	1	570	10	0.03	2	4
K973093		2.72	10	<1	0.20	10	0.64	487	2	0.10	1	590	13	0.02	<2	5
K973094		2.38	<10	<1	0.21	20	0.51	729	2	0.02	1	640	141	0.34	2	7
K973095		0.44	<10	<1	0.04	<10	11.70	202	<1	0.02	1	190	3	0.03	2	<1
K973096		2.69	<10	<1	0.14	10	0.64	455	1	0.07	1	580	31	0.09	<2	5
K973097		2.80	10	<1	0.14	10	0.70	522	2	0.07	1	590	57	0.04	<2	5
K973098		2.27	<10	<1	0.22	20	0.40	416	2	0.02	2	610	12	0.22	3	7
K973099		2.62	<10	<1	0.18	20	0.58	581	2	0.07	1	600	24	0.05	2	6
K973100		2.22	<10	<1	0.13	20	0.46	660	2	0.05	1	560	9	0.13	3	6
K973101		2.51	10	<1	0.14	10	0.65	490	4	0.09	1	590	15	0.03	2	4
K973102		8.21	10	1	0.23	10	1.10	614	49	0.33	309	680	8120	7.26	30	4
K973103		2.68	10	<1	0.14	10	0.73	473	3	0.10	2	610	22	0.04	<2	5
K973104		2.60	10	<1	0.13	10	0.66	461	2	0.09	1	580	9	0.04	2	6
K973105		2.42	<10	<1	0.19	20	0.46	705	1	0.03	1	620	185	0.17	3	7
K973106		2.88	10	<1	0.14	20	0.70	550	1	0.07	1	630	353	0.04	<2	7
K973107		2.63	10	<1	0.15	20	0.65	494	1	0.10	1	570	9	0.05	2	6
K973108		2.62	10	<1	0.16	20	0.61	513	1	0.10	1	570	10	0.05	2	6
K973109		2.66	10	<1	0.17	20	0.62	500	1	0.10	2	580	10	0.05	<2	6
K973110		2.67	<10	<1	0.27	20	0.76	1385	1	0.02	1	540	25	0.37	7	6
K973111		4.04	<10	4	0.28	10	0.52	1550	28	0.01	<1	420	>10000	3.18	273	4
K973112		2.44	<10	<1	0.25	20	0.67	1020	2	0.02	1	560	61	0.41	4	7
K973113		3.17	<10	<1	0.24	10	0.57	1600	4	0.01	<1	520	3450	1.35	26	6
K973114		0.49	<10	<1	0.06	<10	12.25	219	<1	0.02	1	190	10	0.03	2	<1
K973115		2.52	<10	<1	0.19	10	0.57	595	2	0.06	1	550	27	0.12	2	7
K973116		2.49	<10	<1	0.25	20	0.73	1220	1	0.01	1	560	21	0.76	3	6
K973117		2.59	<10	<1	0.17	20	0.51	482	1	0.08	1	580	10	0.06	2	7
K973118		2.28	<10	<1	0.17	20	0.48	624	1	0.02	1	600	13	0.04	2	8
K973119		2.77	<10	<1	0.26	20	0.73	1255	2	0.02	1	530	96	0.57	9	7

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 40

CERTIFICATE OF ANALYSIS WH11175447

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K973084		33	<20	0.01	<10	<10	28	<10	732	2		
K973085		84	20	<0.01	<10	<10	29	<10	429	<1		
K973086		66	20	0.01	<10	<10	40	<10	156	<1		
K973087		45	<20	0.08	<10	<10	53	<10	45	<1		
K973088		38	<20	0.12	<10	<10	53	<10	32	<1		
K973089		76	<20	0.05	<10	<10	305	<10	7480	31		
K973090		49	<20	0.11	<10	<10	50	<10	48	<1		
K973091		42	<20	0.12	<10	<10	52	<10	36	<1		
K973092		47	<20	0.12	<10	<10	52	<10	37	<1		
K973093		59	<20	0.11	<10	<10	54	<10	46	<1		
K973094		50	<20	<0.01	<10	<10	33	<10	274	<1		
K973095		48	<20	<0.01	<10	<10	2	<10	14	<1		
K973096		184	<20	0.05	<10	<10	48	<10	97	<1		
K973097		130	<20	0.04	<10	<10	48	<10	73	<1		
K973098		65	<20	<0.01	<10	<10	30	<10	58	<1		
K973099		111	<20	0.04	<10	<10	45	<10	52	<1		
K973100		95	<20	0.02	<10	<10	41	<10	37	<1		
K973101		45	<20	0.10	<10	<10	52	<10	43	<1		
K973102		77	<20	0.05	<10	10	304	<10	7430	31		
K973103		43	<20	0.10	<10	<10	56	<10	50	<1		
K973104		47	<20	0.05	<10	<10	51	<10	36	<1		
K973105		57	<20	<0.01	<10	<10	35	<10	274	<1		
K973106		56	<20	0.03	<10	<10	53	<10	76	<1		
K973107		53	<20	0.03	<10	<10	49	<10	38	<1		
K973108		62	<20	0.04	<10	<10	48	<10	36	<1		
K973109		67	<20	0.04	<10	<10	49	<10	36	2		
K973110		85	<20	<0.01	<10	<10	22	<10	57	<1		
K973111		43	<20	<0.01	<10	10	15	10	>10000	70	1.480	2.17
K973112		90	<20	<0.01	<10	<10	25	<10	109	<1		
K973113		58	<20	<0.01	<10	<10	19	<10	566	22		
K973114		47	<20	<0.01	<10	<10	2	<10	24	<1		
K973115		86	<20	0.02	<10	<10	38	<10	64	1		
K973116		98	<20	<0.01	<10	<10	21	<10	48	<1		
K973117		74	<20	0.02	<10	<10	42	<10	37	<1		
K973118		81	<20	0.01	<10	<10	38	<10	42	<1		
K973119		81	<20	<0.01	<10	<10	26	<10	206	<1		

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VANCOUVER BC V6B 1L8

Finalized Date: 20- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11175448

Project: Klaza DDH- 36

P.O. No.: Batch 5

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175448

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863184		12.13	<0.005	<0.2	1.10	6	<10	570	<0.5	<2	2.18	<0.5	4	10	3	2.77
K863185		11.28	<0.005	0.2	1.12	8	<10	490	<0.5	<2	1.80	<0.5	5	10	3	2.54
K863186		9.61	<0.005	<0.2	1.24	12	<10	200	<0.5	<2	1.46	<0.5	6	10	7	2.66
K863187		0.09	1.365	31.8	4.81	142	<10	60	<0.5	10	4.49	32.2	83	54	7010	8.23
K863188		8.59	<0.005	<0.2	1.24	6	<10	280	<0.5	<2	1.34	<0.5	4	12	25	2.58
K863189		8.25	0.005	0.2	1.23	6	<10	260	<0.5	<2	1.48	<0.5	5	11	31	2.64

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175448

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863184		<10	<1	0.25	20	0.69	668	1	0.07	3	560	6	0.05	<2	4	88
K863185		10	<1	0.25	20	0.59	620	1	0.09	1	440	19	0.06	2	4	77
K863186		10	<1	0.17	20	0.70	562	1	0.09	2	570	11	0.07	2	6	81
K863187		10	1	0.23	10	1.09	617	49	0.32	300	660	8280	7.13	29	4	77
K863188		10	<1	0.18	20	0.71	521	1	0.12	2	560	19	0.02	<2	6	83
K863189		10	<1	0.17	20	0.67	584	1	0.10	2	560	11	0.05	2	6	90

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Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175448

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863184		20	0.01	<10	<10	36	<10	50	<1
K863185		20	0.01	<10	<10	32	<10	61	<1
K863186		<20	0.04	<10	<10	49	<10	50	1
K863187		<20	0.05	<10	<10	304	30	7520	32
K863188		<20	0.06	<10	<10	52	<10	68	<1
K863189		<20	0.04	<10	<10	51	<10	46	<1

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Finalized Date: 17- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11175449

Project: Klaza DDH- 36

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175449

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269998		10.96	0.039	1.9	0.53	401	<10	460	0.7	<2	2.36	7.5	6	4	8	2.75
K269999		8.38	1.475	32.3	0.42	2020	<10	90	0.6	<2	2.72	13.0	5	3	46	2.50
K270000		12.77	<0.005	0.4	0.56	23	<10	560	0.5	<2	2.15	<0.5	4	4	4	2.27
K863151		0.14	3.36	>100	0.19	>10000	<10	10	<0.5	<2	0.41	327	1	9	1575	13.80
K863152		4.59	<0.005	0.8	0.54	287	<10	660	<0.5	<2	1.86	<0.5	2	5	9	2.48
K863153		10.03	0.007	0.4	0.52	15	<10	370	<0.5	<2	1.91	<0.5	2	5	3	2.40
K863154		4.73	0.017	0.9	0.76	40	<10	260	0.5	<2	1.92	0.9	7	6	5	3.05
K863155		11.14	<0.005	0.4	0.44	13	<10	190	<0.5	<2	2.26	<0.5	4	4	2	2.58
K863156		7.17	0.009	0.5	0.43	41	<10	440	0.5	<2	2.00	<0.5	6	4	2	2.69
K863157		6.88	0.086	8.9	0.37	329	<10	50	<0.5	<2	1.42	17.0	15	8	51	4.21
K863158		2.56	<0.005	0.3	0.04	3	<10	10	<0.5	<2	18.6	<0.5	2	<1	2	0.41
K863159		9.87	0.010	1.4	0.51	51	<10	240	0.5	<2	2.16	0.8	19	5	7	2.93
K863160		9.99	<0.005	0.3	1.01	9	<10	750	<0.5	<2	1.48	<0.5	8	8	4	2.98
K863161		8.92	0.012	1.5	0.53	108	<10	200	0.6	<2	2.06	1.6	4	5	95	3.08
K863162		5.50	0.508	24.9	0.41	286	<10	50	<0.5	14	2.02	5.3	3	4	267	2.77
K863163		2.32	<0.005	0.3	0.05	2	<10	30	<0.5	<2	17.9	<0.5	2	<1	4	0.41
K863164		11.22	<0.005	0.2	0.41	17	<10	550	<0.5	<2	2.43	<0.5	4	4	2	2.41
K863165		6.86	<0.005	0.3	1.03	5	<10	490	<0.5	<2	1.64	<0.5	5	8	3	2.60
K863166		8.77	<0.005	0.3	0.44	9	<10	1080	<0.5	<2	2.42	<0.5	7	5	1	2.09
K863167		9.24	<0.005	0.3	0.95	5	<10	450	<0.5	<2	1.69	<0.5	6	9	3	2.45
K863168		0.08	1.280	32.7	4.94	149	<10	50	<0.5	9	4.40	30.9	84	56	7230	8.14
K863169		12.23	<0.005	0.2	1.19	6	<10	540	<0.5	<2	1.64	<0.5	6	9	13	2.54
K863170		12.82	<0.005	0.2	1.19	7	<10	360	<0.5	<2	1.50	<0.5	4	10	3	2.48
K863171		8.29	<0.005	0.2	1.19	7	<10	230	<0.5	<2	1.51	<0.5	5	13	3	2.58
K863172		7.55	<0.005	0.3	1.00	7	<10	330	0.5	<2	1.90	<0.5	6	9	3	2.57
K863173		6.90	<0.005	0.3	1.08	5	<10	140	0.5	<2	1.30	<0.5	7	10	3	2.55
K863174		5.42	<0.005	0.2	0.49	6	<10	2240	0.5	<2	3.18	<0.5	8	6	2	2.56
K863175		11.13	<0.005	0.3	0.52	6	<10	1180	0.5	<2	2.32	<0.5	6	5	1	2.37
K863176		9.44	<0.005	0.3	1.13	5	<10	180	0.5	<2	1.56	<0.5	5	10	3	2.52
K863177		5.69	<0.005	0.3	0.93	4	<10	240	0.5	<2	1.90	<0.5	5	6	5	2.33
K863178		12.94	<0.005	0.3	0.78	5	<10	450	0.5	<2	2.84	<0.5	5	9	6	2.47
K863179		7.22	<0.005	0.2	1.07	4	<10	180	<0.5	<2	1.23	<0.5	5	10	4	2.38
K863180		6.53	<0.005	0.2	1.12	5	<10	160	<0.5	<2	1.33	<0.5	4	10	7	2.44
K863181		2.55	<0.005	0.3	1.09	5	<10	150	<0.5	<2	1.23	<0.5	4	9	9	2.40
K863182		10.50	0.006	2.6	0.68	21	<10	520	0.8	<2	2.36	0.7	5	4	12	2.55
K863183		13.19	<0.005	0.2	1.15	7	<10	260	<0.5	<2	1.30	<0.5	4	10	10	2.59

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Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175449

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269998		<10	<1	0.30	20	0.77	2040	1	0.01	1	550	235	0.58	5	4	131
K269999		<10	<1	0.29	10	0.70	3720	6	0.01	1	480	554	1.35	44	3	110
K270000		<10	<1	0.28	20	0.58	1275	1	0.04	1	550	10	0.28	<2	4	116
K863151		<10	1	0.07	<10	0.17	1470	<1	0.01	9	140	>10000	>10.0	564	1	21
K863152		<10	<1	0.23	20	0.58	914	13	0.04	1	530	31	0.18	<2	3	124
K863153		<10	<1	0.27	20	0.60	1095	1	0.04	<1	570	12	0.18	<2	3	109
K863154		<10	<1	0.27	20	0.68	1110	<1	0.04	<1	570	25	0.71	2	4	117
K863155		<10	<1	0.29	10	0.64	1375	1	0.03	1	530	10	0.48	<2	3	125
K863156		<10	<1	0.32	10	0.62	2370	1	0.02	<1	410	17	0.70	2	2	99
K863157		<10	<1	0.30	10	0.52	3440	3	0.01	1	790	1260	2.80	32	1	38
K863158		<10	<1	0.02	<10	11.70	199	<1	0.02	<1	280	6	0.04	<2	<1	53
K863159		<10	<1	0.36	10	0.69	2580	2	0.02	<1	530	43	0.83	6	3	92
K863160		10	<1	0.21	20	0.75	550	<1	0.06	<1	600	10	0.33	<2	5	90
K863161		<10	<1	0.30	10	0.73	1830	<1	0.02	1	570	91	1.24	29	3	112
K863162		<10	<1	0.31	10	0.47	2730	2	0.01	<1	390	1910	1.86	95	2	86
K863163		<10	<1	0.03	<10	11.40	191	<1	0.02	<1	230	7	0.04	<2	<1	56
K863164		<10	<1	0.29	10	0.60	1330	1	0.03	<1	500	11	0.40	<2	3	132
K863165		<10	<1	0.24	20	0.71	577	<1	0.07	1	610	7	0.05	<2	5	89
K863166		<10	<1	0.30	20	0.62	784	1	0.04	1	540	5	0.28	<2	3	178
K863167		<10	<1	0.21	20	0.67	481	1	0.06	1	570	8	0.07	<2	5	93
K863168		10	1	0.23	10	1.10	615	48	0.33	303	680	8230	7.37	26	4	79
K863169		10	<1	0.20	20	0.72	482	<1	0.07	1	620	17	0.06	<2	5	96
K863170		10	<1	0.19	20	0.68	468	<1	0.08	1	580	14	0.03	<2	5	90
K863171		10	<1	0.18	20	0.70	500	<1	0.08	1	580	12	0.04	<2	6	93
K863172		<10	<1	0.21	20	0.64	593	<1	0.07	<1	580	11	0.07	<2	5	108
K863173		10	<1	0.15	20	0.62	420	<1	0.07	1	590	14	0.04	<2	5	101
K863174		<10	<1	0.21	20	1.03	738	<1	0.05	<1	530	20	0.16	<2	6	252
K863175		<10	<1	0.28	20	0.76	712	<1	0.05	<1	570	12	0.13	2	5	171
K863176		10	<1	0.16	20	0.69	519	<1	0.07	1	580	16	0.03	2	6	122
K863177		<10	<1	0.16	20	0.57	541	<1	0.04	<1	550	14	0.04	3	7	133
K863178		<10	<1	0.20	20	0.62	624	<1	0.05	4	580	12	0.04	<2	6	168
K863179		<10	<1	0.17	20	0.61	381	<1	0.09	1	580	11	0.02	2	5	101
K863180		10	<1	0.16	20	0.65	461	<1	0.09	<1	570	12	0.03	<2	5	87
K863181		<10	<1	0.16	20	0.63	425	<1	0.09	1	580	11	0.02	<2	5	80
K863182		<10	<1	0.24	20	0.71	1790	<1	0.03	1	570	68	0.24	3	8	179
K863183		<10	<1	0.20	20	0.66	604	1	0.09	1	610	13	0.05	2	5	80

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Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11175449

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K269998		<20	<0.01	<10	<10	20	<10	522	1		
K269999		<20	<0.01	<10	<10	10	<10	1275	32		
K270000		20	<0.01	<10	<10	22	<10	52	1		
K863151		<20	<0.01	<10	<10	8	150	>10000	449	3.33	3.64
K863152		<20	<0.01	<10	<10	27	<10	185	<1		
K863153		<20	<0.01	<10	<10	24	<10	49	<1		
K863154		<20	0.01	<10	<10	32	<10	120	<1		
K863155		<20	<0.01	<10	<10	17	<10	44	<1		
K863156		<20	<0.01	<10	<10	10	<10	53	<1		
K863157		<20	<0.01	<10	<10	9	<10	2020	8		
K863158		<20	<0.01	<10	<10	1	<10	19	<1		
K863159		<20	<0.01	<10	<10	15	<10	104	1		
K863160		<20	0.01	<10	<10	41	<10	52	<1		
K863161		<20	<0.01	<10	<10	16	<10	180	1		
K863162		<20	<0.01	<10	<10	8	<10	551	25		
K863163		<20	<0.01	<10	<10	2	<10	16	<1		
K863164		<20	<0.01	<10	<10	18	<10	41	<1		
K863165		<20	0.03	<10	<10	44	<10	47	<1		
K863166		<20	<0.01	<10	<10	19	<10	37	<1		
K863167		<20	0.02	<10	<10	41	<10	44	<1		
K863168		<20	0.05	<10	10	313	<10	7340	36		
K863169		<20	0.04	<10	<10	46	<10	62	1		
K863170		<20	0.06	<10	<10	50	<10	54	<1		
K863171		<20	0.03	<10	<10	48	<10	53	<1		
K863172		<20	0.04	<10	<10	43	<10	47	1		
K863173		<20	0.05	<10	<10	49	<10	42	<1		
K863174		<20	<0.01	<10	<10	35	<10	70	<1		
K863175		<20	<0.01	<10	<10	29	<10	54	<1		
K863176		<20	0.01	<10	<10	46	<10	46	<1		
K863177		20	0.01	<10	<10	38	<10	40	<1		
K863178		<20	0.02	<10	<10	38	<10	49	<1		
K863179		<20	0.07	<10	<10	50	<10	32	<1		
K863180		<20	0.09	<10	<10	51	<10	41	1		
K863181		<20	0.10	<10	<10	51	<10	38	<1		
K863182		<20	<0.01	<10	<10	31	<10	92	2		
K863183		<20	0.08	<10	<10	52	<10	45	<1		

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VANCOUVER BC V6B 1L8

Finalized Date: 23- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11176277

Project: KLAZA- DDH- 52

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 52

CERTIFICATE OF ANALYSIS WH11176277

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K972212		3.78	0.063	2.2	0.79	184	<10	90	0.7	<2	1.81	17.2	13	4	44	2.82
K972213		6.47	0.005	0.4	1.49	9	<10	510	0.9	<2	2.26	<0.5	7	6	17	2.70
K972214		7.81	<0.005	0.5	1.44	8	<10	850	0.8	<2	2.46	<0.5	7	6	4	2.80
K972215		2.35	0.008	1.6	0.63	36	<10	400	0.5	<2	2.96	<0.5	4	3	152	1.92
K972216		2.90	<0.005	0.6	1.22	5	<10	820	0.7	<2	2.58	<0.5	3	5	4	2.49
K972217		4.87	0.020	1.6	0.68	91	<10	170	0.5	<2	2.93	4.2	6	4	46	2.48
K972218		5.07	0.792	29.7	0.54	2240	<10	20	<0.5	20	1.50	93.6	4	4	501	5.44
K972219		3.00	<0.005	0.4	0.06	13	<10	20	<0.5	<2	17.8	<0.5	1	1	4	0.45
K972220		3.34	0.043	2.6	0.53	101	<10	180	<0.5	2	2.06	20.2	2	3	24	2.34
K972221		3.90	0.006	0.7	0.64	35	<10	1860	0.5	<2	3.79	3.9	1	3	9	1.45
K972222		5.47	0.048	1.2	0.52	230	<10	230	<0.5	<2	2.71	5.1	6	3	13	1.52
K972223		10.13	0.007	0.8	0.98	13	<10	530	0.6	<2	2.09	2.0	7	6	15	2.43
K972224		5.53	0.141	6.4	0.70	251	<10	80	0.5	6	1.73	11.1	6	4	235	2.80
K972225		4.07	0.395	5.9	0.51	226	<10	50	0.5	5	1.43	17.4	8	3	116	3.32
K972226		5.15	1.785	2.4	0.57	3610	<10	50	0.6	<2	1.49	20.6	9	4	23	3.91
K972227		4.64	0.366	8.0	0.46	567	<10	50	0.6	<2	2.82	12.7	7	4	271	3.26
K972228		10.58	0.016	0.3	0.65	29	<10	1050	0.7	2	1.49	<0.5	5	4	7	2.05
K972229		5.96	0.005	0.5	0.60	10	<10	1140	0.7	<2	1.47	<0.5	5	3	7	2.05
K972230		10.99	<0.005	0.5	0.64	<2	<10	1720	0.8	<2	2.38	<0.5	4	3	10	1.88
K972231		0.13	1.340	33.8	4.85	145	<10	30	<0.5	13	4.70	32.5	89	58	7280	8.56
K972232		7.63	<0.005	0.6	0.68	3	<10	1150	0.8	<2	2.44	0.5	5	3	25	1.95
K972233		7.64	<0.005	<0.2	0.59	4	<10	1300	0.7	<2	1.76	<0.5	4	3	3	2.00
K972234		1.23	0.956	12.4	0.51	1230	<10	10	<0.5	5	3.62	48.8	5	2	55	4.12
K972235		2.02	0.081	5.5	0.52	275	<10	80	0.5	<2	2.06	17.1	5	3	195	3.59
K972236		2.57	0.007	0.4	0.05	7	<10	20	<0.5	<2	18.4	<0.5	1	1	3	0.46
K972237		4.00	0.141	1.9	0.49	951	<10	50	0.6	<2	2.43	8.9	6	3	37	3.85
K972238		10.22	0.017	0.9	0.83	93	<10	270	<0.5	2	3.01	2.9	6	6	20	2.79
K972239		4.07	0.191	3.2	0.72	296	<10	130	0.7	4	2.45	12.9	6	5	47	3.19
K972240		7.66	0.007	0.4	0.59	13	<10	1000	0.9	<2	3.56	<0.5	6	3	4	2.32
K972241		0.12	1.320	33.7	4.83	148	<10	30	<0.5	9	4.61	31.9	88	57	7210	8.39
K972242		12.25	0.005	0.2	0.63	15	<10	1150	0.9	<2	3.65	<0.5	6	3	22	2.26
K972243		3.20	2.000	27.4	0.50	1370	<10	10	0.6	7	0.59	81.4	9	3	233	6.02
K972244		2.95	0.230	6.9	0.47	859	<10	20	0.6	<2	1.01	15.7	10	5	201	4.86
K972245		8.66	0.019	0.6	0.99	33	<10	280	0.5	<2	2.08	1.0	9	7	12	2.85
K972246		3.07	0.020	1.0	0.57	38	<10	400	0.6	<2	2.44	1.0	9	4	27	2.55
K972247		5.85	0.008	0.8	0.70	18	<10	760	0.6	<2	1.49	3.4	8	4	16	2.71

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 52

CERTIFICATE OF ANALYSIS WH11176277

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972212		<10	<1	0.30	20	0.40	1095	1	0.01	1	590	174	1.41	6	6	55
K972213		<10	<1	0.20	20	0.61	419	1	0.02	1	640	18	0.22	3	8	89
K972214		<10	<1	0.27	20	0.69	517	<1	0.03	1	580	10	0.24	2	6	104
K972215		<10	<1	0.34	40	0.85	924	<1	0.02	1	560	43	0.58	40	5	74
K972216		<10	<1	0.26	20	0.65	511	<1	0.04	1	620	5	0.17	3	6	107
K972217		<10	<1	0.36	30	0.79	1620	<1	0.01	1	630	195	1.07	11	5	64
K972218		<10	1	0.37	10	0.16	1895	19	0.01	<1	420	1555	4.98	69	2	32
K972219		<10	<1	0.03	<10	11.25	212	<1	0.01	1	170	5	0.03	<2	<1	46
K972220		<10	<1	0.37	10	0.45	1780	1	0.01	3	520	878	1.10	3	3	35
K972221		<10	<1	0.29	40	0.96	651	<1	0.03	1	560	243	0.18	<2	5	151
K972222		<10	<1	0.30	20	0.81	952	1	0.01	1	510	258	0.45	2	4	55
K972223		<10	<1	0.24	20	0.54	540	1	0.04	2	560	189	0.25	3	6	96
K972224		<10	<1	0.29	20	0.52	772	2	0.02	1	530	501	1.25	25	6	75
K972225		<10	<1	0.34	10	0.45	1170	2	0.01	1	500	359	2.24	9	4	49
K972226		<10	<1	0.33	10	0.48	1135	2	0.01	1	530	451	2.32	11	5	72
K972227		<10	<1	0.33	10	0.79	3330	5	0.01	2	440	435	2.20	66	3	60
K972228		<10	<1	0.32	10	0.67	603	<1	0.01	3	850	20	0.07	3	4	154
K972229		<10	<1	0.30	10	0.67	616	1	0.01	3	840	20	0.07	3	4	150
K972230		<10	<1	0.32	20	0.70	518	<1	0.02	2	880	21	0.06	2	3	241
K972231		<10	1	0.24	<10	1.15	640	43	0.33	332	690	8550	7.33	27	4	77
K972232		<10	<1	0.34	20	0.76	524	1	0.01	2	910	31	0.06	2	3	245
K972233		<10	<1	0.29	20	0.68	590	1	0.01	3	840	18	0.06	<2	3	156
K972234		<10	1	0.29	<10	0.83	5250	3	0.01	1	410	775	3.65	20	2	102
K972235		<10	<1	0.35	10	0.57	2270	<1	0.01	2	540	320	2.15	18	4	80
K972236		<10	<1	0.03	<10	11.90	245	<1	0.01	2	170	6	0.03	<2	<1	52
K972237		<10	<1	0.34	10	0.80	1890	<1	0.01	1	530	372	1.41	6	4	103
K972238		<10	<1	0.29	20	1.20	1085	<1	0.05	1	540	138	0.44	<2	5	106
K972239		<10	<1	0.33	20	0.66	1315	1	0.04	2	560	303	1.23	4	5	185
K972240		<10	<1	0.32	10	0.99	586	<1	0.03	3	660	17	0.13	<2	5	398
K972241		<10	2	0.24	<10	1.13	630	43	0.32	325	680	8360	7.22	29	4	76
K972242		<10	<1	0.34	10	0.99	585	<1	0.02	3	640	25	0.08	<2	5	449
K972243		<10	<1	0.34	10	0.34	1120	6	0.01	2	520	2120	4.73	20	2	64
K972244		<10	<1	0.37	10	0.45	2530	1	0.01	1	560	831	2.87	32	3	40
K972245		<10	<1	0.27	20	0.60	960	<1	0.06	1	610	51	0.37	2	6	94
K972246		<10	<1	0.31	20	0.68	1605	<1	0.01	2	540	34	0.47	3	5	111
K972247		<10	<1	0.25	20	0.53	1270	<1	0.01	1	550	170	0.33	2	6	67

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 52

CERTIFICATE OF ANALYSIS WH11176277

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972212		<20	<0.01	<10	<10	27	<10	1180	1
K972213		<20	0.01	<10	<10	40	<10	50	<1
K972214		20	<0.01	<10	<10	30	<10	62	<1
K972215		<20	<0.01	<10	<10	12	<10	72	1
K972216		<20	<0.01	<10	<10	33	<10	46	<1
K972217		<20	<0.01	<10	<10	16	<10	397	1
K972218		<20	<0.01	<10	<10	8	<10	7110	27
K972219		<20	<0.01	<10	<10	2	<10	53	<1
K972220		<20	<0.01	<10	<10	10	<10	1495	2
K972221		<20	<0.01	<10	<10	14	<10	343	<1
K972222		<20	<0.01	<10	<10	8	<10	399	<1
K972223		<20	<0.01	<10	<10	32	<10	233	<1
K972224		<20	<0.01	<10	<10	22	<10	974	6
K972225		<20	<0.01	<10	<10	11	<10	1385	5
K972226		<20	<0.01	<10	<10	15	<10	1455	2
K972227		<20	<0.01	<10	<10	6	<10	1185	7
K972228		<20	<0.01	<10	<10	18	<10	143	<1
K972229		<20	<0.01	<10	<10	18	<10	141	<1
K972230		<20	<0.01	<10	<10	16	<10	134	<1
K972231		<20	0.05	<10	<10	322	<10	7510	28
K972232		<20	<0.01	<10	<10	17	<10	160	<1
K972233		<20	<0.01	<10	<10	16	<10	137	<1
K972234		<20	<0.01	<10	<10	7	<10	4450	12
K972235		<20	<0.01	<10	<10	12	<10	1370	5
K972236		<20	<0.01	<10	10	2	<10	47	<1
K972237		<20	<0.01	<10	<10	15	<10	763	1
K972238		<20	0.01	<10	<10	32	<10	341	<1
K972239		<20	<0.01	<10	<10	25	<10	997	2
K972240		<20	<0.01	<10	<10	32	<10	52	<1
K972241		<20	0.05	<10	<10	319	<10	7440	34
K972242		<20	<0.01	<10	<10	32	<10	71	<1
K972243		<20	<0.01	<10	<10	15	<10	5180	20
K972244		<20	<0.01	<10	<10	14	<10	1075	7
K972245		<20	0.01	<10	<10	39	<10	108	<1
K972246		<20	<0.01	<10	<10	22	<10	127	1
K972247		<20	<0.01	<10	<10	31	<10	374	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 2- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11176278

Project: KLAZA- DDH- 49

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 2- NOV- 2011
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Project: KLAZA- DDH- 49

CERTIFICATE OF ANALYSIS WH11176278

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972298		6.02	<0.005	<0.2	0.88	12	<10	680	0.6	<2	2.34	<0.5	8	7	10	2.81
K972299		5.83	<0.005	<0.2	0.86	5	<10	820	0.5	<2	2.39	<0.5	6	6	19	2.48
K972300		3.08	<0.005	<0.2	0.75	3	<10	1000	0.5	<2	2.89	<0.5	7	5	15	2.44
K972301		1.60	<0.005	0.2	0.78	14	<10	750	0.8	<2	2.48	<0.5	6	3	7	2.62
K972302		3.11	<0.005	0.3	0.69	21	<10	680	0.7	<2	2.67	<0.5	6	4	7	2.41
K972303		1.84	<0.005	0.2	0.62	14	<10	770	0.8	<2	2.91	<0.5	6	3	10	2.27
K972304		0.14	1.540	33.3	4.80	150	<10	30	<0.5	13	4.54	31.7	84	56	7100	8.23
K972305		1.62	0.010	0.6	0.61	38	<10	510	0.7	<2	3.48	0.9	9	3	36	2.52
K972306		5.23	<0.005	<0.2	0.88	40	<10	840	0.5	<2	1.63	<0.5	8	8	5	2.65
K972307		6.42	<0.005	0.3	1.17	4	<10	650	0.6	<2	2.71	<0.5	7	8	4	2.67
K972308		3.39	<0.005	<0.2	0.94	4	<10	730	0.9	<2	2.54	<0.5	10	16	15	2.90
K972309		3.25	<0.005	0.2	1.22	8	<10	790	0.9	<2	4.02	<0.5	15	13	50	4.43
K972310		1.43	<0.005	<0.2	1.20	9	<10	870	0.9	<2	4.58	<0.5	15	14	42	4.35
K972311		3.80	0.005	0.7	0.62	47	<10	350	0.8	<2	3.61	<0.5	10	5	21	2.45
K972312		3.43	<0.005	0.4	0.57	42	<10	1030	0.6	<2	2.86	<0.5	6	6	32	2.59
K972313		2.16	<0.005	13.4	0.59	40	<10	520	0.8	<2	3.25	<0.5	6	5	21	2.70
K972314		3.87	<0.005	0.3	0.74	49	<10	960	0.5	<2	2.10	<0.5	8	7	32	2.88
K972315		4.19	<0.005	0.3	0.97	2	<10	620	0.5	<2	1.69	<0.5	7	8	31	2.85
K972316		3.56	<0.005	0.3	1.02	13	<10	400	0.6	<2	2.44	<0.5	7	7	40	2.90
K972317		0.14	1.500	34.1	4.99	145	<10	40	<0.5	2	4.78	33.6	86	60	7350	8.56
K972318		1.53	<0.005	0.4	0.56	14	<10	730	0.7	<2	2.97	<0.5	6	4	17	2.60
K972319		1.25	<0.005	0.4	0.03	<2	<10	10	<0.5	<2	19.6	<0.5	<1	1	1	0.43
K972320		3.84	<0.005	0.3	0.78	6	<10	690	0.6	<2	2.75	<0.5	6	5	6	2.59
K972321		3.97	<0.005	0.2	0.80	6	<10	570	0.5	<2	2.10	<0.5	6	6	5	2.66
K972322		2.58	<0.005	0.5	0.89	24	10	1030	0.8	<2	2.60	0.7	6	3	27	2.66
K972323		1.59	0.008	0.7	0.44	28	10	450	0.5	<2	3.12	0.5	6	3	23	2.50
K972324		3.16	<0.005	0.4	0.03	2	<10	20	<0.5	<2	20.0	<0.5	<1	1	1	0.47
K972325		6.74	<0.005	0.3	0.70	14	10	960	0.7	<2	2.41	<0.5	6	6	6	2.74
K972326		5.05	<0.005	0.3	0.76	7	<10	780	0.6	<2	1.81	<0.5	6	9	8	2.73
K972327		5.29	<0.005	<0.2	0.40	20	<10	630	<0.5	<2	1.36	<0.5	3	6	8	1.34
K972328		3.36	<0.005	0.3	0.42	16	<10	380	<0.5	<2	1.23	<0.5	3	6	14	1.60
K972329		1.62	<0.005	0.3	0.55	17	10	560	0.6	<2	2.90	0.5	6	5	8	2.42
K972330		1.39	<0.005	0.2	0.87	20	<10	630	0.6	<2	1.79	<0.5	7	7	5	2.93
K972331		2.41	<0.005	0.4	0.49	6	10	2250	0.6	<2	3.99	<0.5	5	3	8	2.51
K972332		2.49	<0.005	0.2	0.55	10	10	970	0.6	<2	3.10	<0.5	5	5	13	2.66
K972333		4.90	<0.005	0.4	0.47	12	10	2330	0.7	<2	3.64	<0.5	6	4	25	2.58

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 49

CERTIFICATE OF ANALYSIS WH11176278

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972298		<10	<1	0.34	20	0.75	1795	1	0.04	1	600	12	0.12	2	8	182
K972299		<10	<1	0.30	20	0.68	705	1	0.05	<1	600	5	0.03	2	7	180
K972300		<10	<1	0.27	20	0.69	948	1	0.04	<1	580	6	0.04	<2	6	188
K972301		<10	<1	0.33	20	0.71	1570	1	0.02	<1	550	7	0.15	<2	6	171
K972302		<10	<1	0.35	20	0.65	1165	1	0.02	<1	570	5	0.14	2	6	175
K972303		<10	<1	0.32	20	0.78	1220	1	0.02	<1	530	12	0.17	2	6	180
K972304		10	1	0.24	10	1.13	606	41	0.33	295	670	7950	7.13	24	4	75
K972305		<10	<1	0.34	20	0.90	1760	2	0.01	1	600	44	0.40	4	5	189
K972306		<10	<1	0.31	20	0.71	716	1	0.07	<1	630	9	0.11	2	9	138
K972307		<10	<1	0.25	30	0.77	778	1	0.05	<1	590	6	0.02	<2	7	222
K972308		<10	<1	0.34	30	1.06	821	<1	0.05	4	880	5	0.02	<2	9	221
K972309		<10	<1	0.58	20	1.94	1000	<1	0.08	8	2090	6	0.01	4	12	321
K972310		<10	<1	0.59	20	1.93	1040	<1	0.08	8	2010	7	0.01	3	11	350
K972311		<10	<1	0.33	20	1.05	1890	2	0.02	3	600	27	0.38	4	6	224
K972312		<10	<1	0.25	20	0.84	956	1	0.04	6	560	31	0.15	7	8	190
K972313		<10	<1	0.29	20	0.88	1810	2	0.03	4	570	21	0.49	4	6	202
K972314		<10	<1	0.29	20	0.78	884	1	0.07	2	650	16	0.16	4	8	166
K972315		<10	<1	0.28	20	0.70	654	1	0.08	1	620	5	0.04	2	8	152
K972316		<10	<1	0.20	20	0.89	909	32	0.04	1	640	10	0.05	6	9	152
K972317		10	1	0.24	<10	1.19	659	42	0.34	314	690	8490	7.40	26	4	80
K972318		<10	<1	0.25	10	0.84	1185	<1	0.03	1	560	28	0.33	2	7	170
K972319		<10	<1	0.01	<10	12.35	220	<1	0.02	1	170	3	<0.01	<2	<1	50
K972320		<10	<1	0.26	20	0.75	781	2	0.05	1	600	11	0.03	2	8	215
K972321		<10	<1	0.28	20	0.71	760	1	0.06	1	600	7	0.03	2	7	156
K972322		<10	1	0.33	20	0.81	906	4	0.03	1	580	24	0.13	5	6	207
K972323		<10	<1	0.27	20	0.91	1985	2	0.02	1	560	31	0.47	4	5	159
K972324		<10	<1	0.02	<10	12.60	229	<1	0.02	1	170	2	<0.01	<2	<1	50
K972325		<10	<1	0.32	20	0.80	835	<1	0.04	1	610	12	0.07	2	8	182
K972326		<10	<1	0.34	20	0.64	692	1	0.08	2	580	9	0.02	<2	8	164
K972327		<10	<1	0.19	30	0.41	363	1	0.06	1	290	10	0.06	<2	2	115
K972328		<10	<1	0.18	30	0.43	417	1	0.06	1	380	8	0.06	2	3	110
K972329		<10	<1	0.28	20	0.80	1125	<1	0.04	1	560	21	0.25	3	7	198
K972330		<10	<1	0.31	20	0.65	676	<1	0.06	1	590	7	0.04	<2	9	165
K972331		<10	<1	0.32	20	1.03	1090	1	0.04	1	560	14	0.11	3	5	252
K972332		<10	<1	0.27	20	0.98	790	<1	0.04	1	620	10	0.07	<2	8	215
K972333		<10	<1	0.30	20	0.99	871	5	0.04	1	560	15	0.10	6	7	290

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 49

CERTIFICATE OF ANALYSIS WH11176278

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972298		<20	0.03	<10	<10	41	<10	54	<1
K972299		<20	0.02	<10	<10	37	<10	43	<1
K972300		<20	0.01	<10	<10	31	<10	43	<1
K972301		<20	<0.01	<10	<10	23	<10	57	<1
K972302		<20	0.01	<10	<10	26	<10	43	<1
K972303		<20	<0.01	<10	<10	19	<10	47	<1
K972304		<20	0.05	<10	<10	315	10	7220	30
K972305		<20	<0.01	<10	<10	18	<10	120	<1
K972306		20	0.05	<10	<10	51	<10	53	<1
K972307		20	0.02	<10	<10	44	<10	78	<1
K972308		<20	0.02	<10	<10	57	<10	84	<1
K972309		<20	0.12	<10	<10	132	<10	76	<1
K972310		<20	0.12	<10	<10	131	<10	72	<1
K972311		<20	<0.01	<10	<10	21	<10	48	<1
K972312		<20	0.01	<10	<10	33	<10	59	<1
K972313		<20	<0.01	<10	<10	23	10	52	2
K972314		<20	0.04	<10	<10	45	<10	52	<1
K972315		<20	0.05	<10	<10	50	<10	45	<1
K972316		<20	0.01	<10	<10	45	<10	76	<1
K972317		<20	0.06	<10	<10	332	<10	7610	31
K972318		<20	<0.01	<10	<10	28	<10	80	<1
K972319		<20	<0.01	<10	10	1	<10	18	<1
K972320		<20	0.01	<10	<10	35	<10	49	<1
K972321		<20	0.02	<10	<10	38	<10	48	<1
K972322		<20	<0.01	<10	<10	18	<10	101	<1
K972323		<20	<0.01	<10	10	12	<10	97	<1
K972324		<20	<0.01	<10	10	2	<10	15	<1
K972325		<20	0.01	<10	<10	32	<10	55	<1
K972326		20	0.03	<10	<10	42	<10	49	<1
K972327		20	<0.01	<10	<10	13	<10	30	<1
K972328		20	0.01	<10	<10	19	<10	35	<1
K972329		<20	0.01	<10	<10	28	<10	74	<1
K972330		<20	0.05	<10	<10	44	<10	55	<1
K972331		<20	<0.01	<10	<10	17	<10	57	<1
K972332		<20	<0.01	<10	<10	33	<10	53	<1
K972333		<20	<0.01	<10	<10	20	<10	45	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11176279

Project: KLAZA- DDH- 45

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11176279

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972378		5.27	<0.005	<0.2	1.33	<2	<10	1960	0.5	4	1.99	<0.5	9	9	5	3.06
K972379		6.30	<0.005	<0.2	1.04	21	<10	370	0.9	<2	3.58	<0.5	9	20	1	3.04
K972380		3.48	<0.005	<0.2	1.00	10	<10	720	0.9	<2	4.28	<0.5	9	20	1	3.10
K972381		5.62	<0.005	<0.2	0.73	4	<10	1170	0.6	<2	3.33	<0.5	8	5	3	3.01
K972382		2.98	<0.005	<0.2	0.04	<2	<10	20	<0.5	3	19.0	<0.5	1	1	2	0.43
K972383		5.20	<0.005	<0.2	1.24	3	<10	470	<0.5	<2	1.44	<0.5	7	8	6	2.99
K972384		3.66	<0.005	<0.2	1.17	4	<10	280	0.5	<2	1.65	<0.5	8	8	5	3.00
K972385		2.55	<0.005	0.2	0.51	7	<10	1350	0.5	<2	3.19	<0.5	7	3	3	2.50
K972386		4.62	<0.005	<0.2	1.04	2	<10	440	0.5	<2	1.93	<0.5	8	7	9	2.84
K972387		1.80	<0.005	0.2	0.52	6	<10	750	0.7	<2	2.95	<0.5	7	4	7	2.69
K972388		4.81	<0.005	0.2	1.03	4	<10	400	0.5	<2	2.28	<0.5	7	6	9	2.81
K972389		5.02	<0.005	<0.2	0.88	3	<10	380	0.5	<2	2.03	<0.5	7	7	9	2.67
K972390		0.10	1.515	33.4	4.70	144	<10	40	<0.5	16	4.63	31.6	84	57	6930	8.21
K972391		5.92	<0.005	<0.2	0.87	4	<10	450	0.5	<2	2.73	<0.5	7	6	23	2.76
K972392		6.32	<0.005	0.2	0.81	4	<10	250	0.5	<2	2.51	<0.5	8	5	17	2.65
K972393		4.01	<0.005	0.5	0.50	17	<10	460	0.6	<2	3.70	<0.5	6	3	34	2.29
K972394		1.41	<0.005	0.3	0.39	19	<10	100	<0.5	2	2.86	<0.5	5	3	4	2.21
K972395		2.43	<0.005	0.5	0.44	24	<10	110	0.5	<2	1.68	2.7	6	3	15	2.96
K972396		2.44	1.050	53.4	0.48	1190	<10	20	0.6	7	0.73	177.0	31	2	1020	6.92
K972397		1.54	<0.005	<0.2	0.03	3	<10	20	<0.5	<2	18.9	0.5	1	1	7	0.44
K972398		2.17	0.056	5.8	0.49	118	<10	100	0.6	<2	1.00	207	6	2	122	3.62
K972399		1.69	0.161	3.5	0.49	269	<10	70	0.7	2	0.69	15.2	14	2	47	4.85
K972400		1.78	0.218	10.3	0.40	476	<10	30	<0.5	4	0.85	32.8	20	2	107	5.81
K972401		3.26	0.082	0.9	0.47	387	<10	110	0.5	<2	0.78	7.0	10	2	44	3.38
K972402		2.00	0.259	5.4	0.48	1175	<10	40	0.6	<2	1.26	116.0	6	1	124	5.28
K972403		2.46	0.766	5.0	0.35	4940	<10	70	<0.5	5	1.00	128.0	4	1	129	3.90
K972404		2.87	2.94	98.0	0.41	4040	<10	30	0.5	38	0.85	575	11	2	2550	6.39
K972405		0.19	3.16	>100	0.17	>10000	<10	10	<0.5	<2	0.40	317	1	9	1570	13.35
K972406		3.67	0.116	2.3	0.46	318	<10	60	0.5	<2	0.90	39.0	9	2	72	5.77
K972407		2.32	0.011	1.4	0.63	61	<10	560	0.7	<2	2.37	6.5	6	3	70	3.41
K972408		1.72	0.020	0.8	0.59	120	<10	620	0.8	<2	2.62	4.1	8	2	43	3.28
K972409		1.69	<0.005	0.2	0.75	51	<10	750	0.9	<2	2.14	1.6	8	4	14	2.92
K972410		2.32	0.091	10.4	0.52	346	<10	100	0.7	3	1.26	21.9	8	2	101	3.44
K972411		2.41	0.043	1.7	0.59	978	<10	320	1.1	<2	1.75	22.3	7	3	44	2.94
K972412		1.48	0.007	0.3	0.60	65	<10	310	1.2	<2	1.64	0.6	7	4	14	2.22
K972413		0.78	0.009	<0.2	0.60	60	<10	380	1.2	<2	1.61	0.6	7	4	14	2.35

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CERTIFICATE OF ANALYSIS WH11176279

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972378		<10	<1	0.26	20	0.82	1115	<1	0.07	2	730	12	0.06	3	7	171
K972379		<10	<1	0.31	10	1.02	649	<1	0.02	9	1540	13	0.01	<2	6	474
K972380		<10	<1	0.33	10	1.11	634	<1	0.02	8	1540	16	0.02	3	6	566
K972381		<10	<1	0.28	20	1.01	1195	<1	0.04	2	640	12	0.04	<2	9	225
K972382		<10	<1	0.03	<10	11.75	197	<1	0.01	1	170	<2	0.02	<2	<1	49
K972383		<10	<1	0.28	20	0.82	571	<1	0.09	2	620	5	0.01	<2	7	133
K972384		<10	<1	0.23	20	0.77	572	<1	0.06	2	610	5	0.01	2	8	161
K972385		<10	<1	0.32	20	0.97	1080	<1	0.03	3	550	13	0.13	2	5	160
K972386		<10	<1	0.23	20	0.70	654	<1	0.08	1	620	5	0.02	2	9	140
K972387		<10	<1	0.32	20	0.66	956	<1	0.03	1	570	8	0.06	3	6	167
K972388		<10	<1	0.33	20	0.71	718	<1	0.06	3	580	6	0.04	3	7	162
K972389		<10	<1	0.29	20	0.74	663	<1	0.07	3	590	7	0.01	<2	7	142
K972390		10	1	0.23	10	1.15	606	44	0.34	312	660	8510	7.05	29	4	75
K972391		<10	<1	0.27	20	0.78	872	<1	0.05	3	620	15	0.02	<2	7	163
K972392		<10	<1	0.29	20	0.71	1120	<1	0.04	2	590	7	0.04	5	6	129
K972393		<10	1	0.38	10	0.52	2130	<1	0.02	3	590	15	0.17	12	4	144
K972394		<10	<1	0.32	10	0.67	3830	<1	0.01	1	470	28	0.29	3	4	75
K972395		<10	<1	0.40	10	0.52	4230	<1	0.01	<1	570	147	0.33	5	4	70
K972396		<10	2	0.32	<10	0.38	14600	<1	0.01	1	410	>10000	4.07	499	4	60
K972397		<10	<1	0.02	<10	11.75	214	<1	0.01	2	170	13	0.03	2	<1	46
K972398		<10	2	0.36	10	0.34	17400	<1	0.02	1	500	579	1.91	40	4	80
K972399		<10	<1	0.35	10	0.27	12450	1	0.01	1	460	1215	2.96	20	3	70
K972400		<10	1	0.31	<10	0.30	18500	2	0.01	1	390	4770	3.86	31	2	48
K972401		<10	<1	0.36	10	0.25	9000	<1	<0.01	1	510	389	1.38	22	3	56
K972402		<10	2	0.29	10	0.43	27200	<1	0.01	2	390	1180	2.44	59	3	74
K972403		10	2	0.29	10	0.33	34700	2	0.01	1	360	1435	2.40	126	2	43
K972404		<10	7	0.25	<10	0.33	16450	2	0.02	<1	290	>10000	7.02	632	2	56
K972405		<10	1	0.07	<10	0.17	1425	<1	0.01	7	130	>10000	>10.0	535	1	20
K972406		<10	<1	0.33	10	0.32	8120	<1	0.02	<1	480	500	3.25	27	3	65
K972407		<10	<1	0.37	10	0.63	4600	<1	0.01	3	550	865	0.38	24	6	159
K972408		<10	<1	0.38	20	0.68	4160	<1	0.01	3	550	355	0.54	18	6	156
K972409		<10	<1	0.30	10	0.66	2540	<1	0.01	2	510	108	0.15	4	8	189
K972410		<10	<1	0.36	10	0.34	4630	1	0.01	2	530	2160	2.15	53	4	95
K972411		<10	<1	0.37	20	0.47	4520	<1	0.01	3	550	309	1.04	29	6	149
K972412		<10	<1	0.35	10	0.35	1965	<1	0.01	3	540	59	0.49	3	6	186
K972413		<10	<1	0.32	10	0.37	2080	<1	0.01	2	550	39	0.46	3	6	192

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 45

CERTIFICATE OF ANALYSIS WH11176279

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K972378		<20	0.03	<10	<10	55	<10	101	1		
K972379		<20	<0.01	<10	<10	57	<10	81	<1		
K972380		<20	<0.01	<10	<10	64	<10	90	<1		
K972381		<20	<0.01	<10	<10	47	<10	112	<1		
K972382		<20	<0.01	<10	<10	2	<10	13	<1		
K972383		<20	0.06	<10	<10	58	<10	45	1		
K972384		<20	0.02	<10	<10	56	<10	49	2		
K972385		<20	<0.01	<10	<10	18	<10	58	<1		
K972386		<20	0.02	<10	<10	52	<10	45	<1		
K972387		<20	<0.01	<10	<10	22	<10	65	<1		
K972388		20	0.03	<10	<10	45	<10	51	1		
K972389		<20	0.03	<10	<10	47	<10	49	1		
K972390		<20	0.05	<10	<10	314	<10	7320	31		
K972391		20	0.01	<10	<10	37	<10	66	<1		
K972392		<20	<0.01	<10	<10	36	<10	57	<1		
K972393		<20	<0.01	<10	<10	12	<10	63	<1		
K972394		<20	<0.01	<10	<10	9	<10	59	<1		
K972395		<20	<0.01	<10	<10	9	<10	373	<1		
K972396		<20	<0.01	<10	<10	11	10	>10000	51	1.395	1.745
K972397		<20	<0.01	<10	<10	2	<10	38	<1		
K972398		<20	<0.01	<10	<10	8	<10	>10000	5		2.43
K972399		<20	<0.01	<10	<10	8	<10	1430	3		
K972400		<20	<0.01	<10	<10	6	<10	2640	9		
K972401		<20	<0.01	<10	<10	7	<10	656	1		
K972402		<20	<0.01	10	<10	9	20	>10000	6		1.125
K972403		<20	<0.01	10	<10	5	<10	>10000	6		1.475
K972404		<20	<0.01	<10	<10	7	10	>10000	94	2.78	8.47
K972405		<20	<0.01	<10	<10	7	140	>10000	439	3.20	3.63
K972406		<20	<0.01	<10	<10	8	<10	4220	2		
K972407		<20	<0.01	<10	<10	19	<10	803	1		
K972408		<20	<0.01	<10	<10	14	<10	490	1		
K972409		<20	<0.01	<10	<10	33	<10	184	1		
K972410		<20	<0.01	<10	<10	11	<10	2350	11		
K972411		<20	<0.01	<10	<10	16	10	2680	2		
K972412		<20	<0.01	<10	<10	20	<10	71	<1		
K972413		<20	<0.01	<10	<10	21	<10	79	1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
This copy reported on 26- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11176533

Project: Klaza DDH- 43

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 43

CERTIFICATE OF ANALYSIS WH11176533

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269002		11.45	0.005	<0.2	1.38	5	<10	610	0.6	<2	1.34	<0.5	5	7	14	2.89
K269003		13.07	0.018	<0.2	1.28	19	<10	630	0.6	2	2.00	<0.5	6	6	5	2.65
K269004		13.08	0.028	<0.2	0.96	30	<10	530	0.7	2	2.60	0.5	10	4	3	2.46
K269005		11.93	0.013	0.8	0.51	29	<10	210	<0.5	3	2.62	2.6	8	4	3	2.18
K269006		8.06	0.031	1.3	0.46	37	<10	250	<0.5	3	2.37	9.6	7	4	8	1.90
K269007		0.11	1.580	34.1	4.82	149	<10	50	<0.5	9	4.51	32.6	84	57	7640	8.12
K269008		6.03	1.950	89.6	0.39	649	<10	10	<0.5	111	1.77	175.0	140	4	1425	14.6
K269009		3.54	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	19.2	<0.5	1	1	3	0.40
K269010		11.33	0.008	0.4	0.61	17	<10	580	<0.5	2	1.80	2.3	3	5	8	1.46
K269011		10.66	<0.005	0.4	0.51	6	<10	710	<0.5	3	1.54	3.1	3	3	2	1.40
K269012		12.46	0.012	1.2	0.69	9	<10	260	0.5	2	2.77	5.6	9	4	4	2.48
K269013		13.58	0.007	0.4	1.05	5	<10	440	0.6	3	2.65	<0.5	7	4	2	2.48
K269014		13.75	0.009	0.2	0.96	28	<10	730	0.6	3	2.11	<0.5	5	7	4	2.25
K269015		12.69	<0.005	<0.2	1.36	5	<10	250	0.7	3	1.73	<0.5	6	6	19	2.72
K269016		10.99	0.005	<0.2	1.13	18	<10	260	0.8	3	2.46	<0.5	5	5	5	2.53
K269017		12.81	<0.005	<0.2	1.18	10	<10	160	0.8	3	2.48	<0.5	6	3	2	2.44
K269018		0.19	3.35	>100	0.17	>10000	<10	10	<0.5	4	0.40	327	2	9	1665	13.15
K269019		7.14	0.012	1.3	0.75	48	<10	250	0.6	3	2.86	0.5	24	3	5	2.84
K269020		5.01	<0.005	<0.2	1.15	12	<10	170	0.8	2	2.61	0.5	3	5	4	2.42
K269021		6.99	0.528	1.9	0.54	375	<10	330	0.6	2	2.20	13.1	3	4	39	2.27
K269022		3.07	4.35	57.0	0.39	3740	<10	30	<0.5	15	2.81	863	4	3	858	3.93
K269023		4.95	0.539	24.8	0.18	185	<10	250	1.0	27	14.7	131.0	1	1	514	3.50
K269024		5.31	4.00	17.4	0.44	6140	<10	60	0.5	16	2.93	101.5	6	3	271	3.24
K269025		1.40	0.006	0.2	0.05	64	<10	10	<0.5	<2	19.3	0.5	2	1	6	0.38
K269026		2.59	0.033	0.5	0.54	187	<10	300	0.9	<2	2.69	<0.5	8	4	12	2.35
K269027		10.80	0.076	0.9	0.49	304	<10	270	0.8	<2	4.16	1.3	8	3	29	2.62
K269028		3.80	1.665	10.3	0.50	6010	<10	40	0.8	11	2.55	92.3	7	4	134	3.85
K269029		6.74	0.044	0.6	0.59	266	<10	680	0.8	<2	2.06	2.8	8	4	21	3.04
K269030		3.12	0.030	0.7	0.57	203	<10	430	0.8	<2	1.82	5.7	8	4	26	3.27
K269031		9.45	0.085	0.8	0.63	289	<10	380	0.7	<2	3.27	0.6	9	5	68	2.61
K269032		3.77	0.117	1.4	0.36	226	<10	370	1.1	<2	10.2	3.5	4	2	17	3.17
K269033		3.70	0.631	7.0	0.50	3400	<10	30	0.5	3	0.81	93.6	7	3	282	6.77
K269034		3.92	3.24	>100	0.43	>10000	<10	20	0.5	162	1.09	735	5	4	2410	7.16
K269035		9.14	0.013	0.4	0.96	36	<10	410	0.6	<2	2.08	0.8	8	10	27	2.92
K269036		7.31	0.006	<0.2	1.00	11	<10	570	0.6	<2	2.26	<0.5	10	7	18	2.58
K269037		11.75	0.007	0.4	1.12	12	<10	520	0.8	<2	2.27	0.9	8	6	25	2.65

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 43

CERTIFICATE OF ANALYSIS WH11176533

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269002		10	1	0.22	20	0.62	423	1	0.06	1	610	14	0.04	2	6	65
K269003		10	<1	0.25	20	0.68	578	1	0.04	1	620	15	0.31	5	6	78
K269004		<10	<1	0.32	20	0.69	911	1	0.02	2	580	19	0.60	3	5	74
K269005		<10	1	0.34	20	0.74	1550	2	0.01	1	530	135	0.99	3	4	53
K269006		<10	<1	0.34	20	0.69	2030	1	0.01	1	590	455	1.21	3	4	41
K269007		10	2	0.24	10	1.13	617	51	0.33	321	700	8470	7.73	29	4	75
K269008		<10	2	0.29	<10	0.64	1240	4	0.02	1	260	6250	>10.0	177	1	27
K269009		<10	<1	0.03	<10	11.90	188	<1	0.02	1	240	7	0.09	<2	<1	51
K269010		<10	<1	0.38	30	0.56	915	1	0.01	1	510	104	0.57	<2	4	41
K269011		<10	<1	0.26	40	0.52	687	1	0.01	1	530	278	0.32	<2	3	39
K269012		<10	<1	0.28	30	0.78	1230	1	0.01	1	610	331	0.98	<2	5	58
K269013		<10	<1	0.20	30	0.67	721	1	0.03	1	600	26	0.72	<2	7	93
K269014		<10	<1	0.22	20	0.64	637	3	0.05	1	600	13	0.33	<2	8	90
K269015		10	<1	0.21	20	0.62	456	7	0.05	2	610	11	0.10	2	7	76
K269016		<10	1	0.18	20	0.69	480	2	0.02	1	620	26	0.11	2	9	107
K269017		<10	<1	0.21	20	0.50	531	1	0.02	2	610	10	0.32	<2	6	67
K269018		<10	1	0.07	<10	0.17	1475	<1	0.01	10	140	>10000	>10.0	592	1	18
K269019		<10	<1	0.26	20	0.80	995	2	0.02	2	550	41	1.25	3	5	65
K269020		<10	1	0.28	30	0.52	835	1	0.02	1	570	33	0.16	2	7	72
K269021		<10	<1	0.32	20	0.63	1340	1	0.01	3	530	541	0.98	9	4	51
K269022		<10	4	0.28	10	1.09	1635	4	0.01	1	330	>10000	6.52	53	1	43
K269023		<10	1	0.09	<10	6.86	3210	5	0.02	<1	50	2770	1.13	66	1	277
K269024		<10	2	0.24	10	1.01	2000	19	0.01	5	300	2280	1.95	69	4	58
K269025		<10	<1	0.03	<10	11.55	188	1	0.02	1	370	14	0.02	<2	<1	56
K269026		<10	<1	0.27	10	0.88	1375	2	0.01	1	560	27	0.60	9	8	85
K269027		<10	<1	0.28	10	1.55	1445	2	0.02	2	470	41	0.83	15	5	92
K269028		<10	<1	0.30	10	0.93	2250	1	0.01	<1	440	1210	2.21	40	5	64
K269029		<10	<1	0.28	10	0.67	1380	4	0.02	1	510	144	0.41	11	7	60
K269030		<10	<1	0.29	10	0.64	1525	4	0.01	2	500	255	0.40	10	7	51
K269031		<10	<1	0.32	10	1.05	1575	7	0.02	2	490	44	0.70	27	7	81
K269032		<10	<1	0.22	<10	4.88	2960	4	0.02	<1	200	266	0.84	10	3	182
K269033		<10	<1	0.37	10	0.50	4320	1	0.02	1	450	1150	2.57	40	4	22
K269034		<10	2	0.32	10	0.50	3400	<1	0.01	1	380	>10000	6.68	129	3	26
K269035		<10	<1	0.25	20	0.70	754	2	0.06	4	600	42	0.21	5	9	87
K269036		<10	<1	0.20	20	0.59	508	2	0.05	1	590	20	0.32	4	8	117
K269037		<10	1	0.20	20	0.68	488	2	0.04	1	590	86	0.23	4	7	125

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 43

CERTIFICATE OF ANALYSIS WH11176533

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K269002		<20	0.05	<10	<10	49	<10	49	<1		
K269003		<20	0.03	<10	<10	41	<10	42	1		
K269004		<20	<0.01	<10	<10	21	<10	102	<1		
K269005		<20	<0.01	<10	<10	11	<10	261	1		
K269006		<20	<0.01	<10	<10	9	<10	829	1		
K269007		<20	0.06	<10	<10	321	10	7480	32		
K269008		<20	<0.01	<10	<10	6	10	>10000	84		1.580
K269009		<20	<0.01	<10	<10	2	<10	30	<1		
K269010		<20	<0.01	<10	<10	12	<10	220	<1		
K269011		<20	<0.01	<10	<10	14	<10	275	1		
K269012		<20	<0.01	<10	<10	19	<10	492	1		
K269013		<20	<0.01	<10	<10	28	<10	63	1		
K269014		<20	0.01	<10	<10	39	<10	51	<1		
K269015		<20	0.03	<10	<10	48	<10	37	<1		
K269016		<20	<0.01	<10	<10	40	<10	61	<1		
K269017		<20	<0.01	<10	<10	25	<10	43	1		
K269018		<20	<0.01	<10	<10	8	150	>10000	437	3.17	3.63
K269019		<20	<0.01	<10	<10	18	<10	78	2		
K269020		<20	<0.01	<10	<10	32	<10	67	<1		
K269021		<20	<0.01	<10	<10	13	<10	978	2		
K269022		<20	<0.01	<10	<10	9	10	>10000	50	1.985	5.96
K269023		<20	<0.01	<10	<10	8	10	8230	22		
K269024		<20	<0.01	<10	<10	9	20	6710	16		
K269025		<20	<0.01	<10	<10	2	<10	105	<1		
K269026		<20	<0.01	<10	<10	21	<10	78	<1		
K269027		<20	<0.01	<10	<10	15	<10	113	1		
K269028		<20	<0.01	<10	<10	17	20	6260	10		
K269029		<20	<0.01	<10	<10	22	<10	272	2		
K269030		<20	<0.01	<10	<10	21	<10	449	1		
K269031		<20	<0.01	<10	<10	22	<10	83	2		
K269032		<20	<0.01	<10	<10	8	<10	302	2		
K269033		<20	<0.01	<10	<10	12	10	6040	8		
K269034		<20	<0.01	<10	<10	10	<10	>10000	143	1.530	5.11
K269035		<20	0.01	<10	<10	51	<10	83	1		
K269036		<20	0.01	<10	<10	41	<10	59	1		
K269037		<20	0.01	<10	<10	40	<10	101	1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11176534

Project: Klaza DDH- 40

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 40

CERTIFICATE OF ANALYSIS WH11176534

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973156		1.88	2.06	35.4	0.46	3240	<10	20	0.6	9	1.06	101.5	8	6	211	4.71
K973157		7.95	0.015	0.6	0.56	34	<10	310	0.8	2	1.50	0.8	8	4	26	2.38
K973158		2.19	0.007	0.4	0.70	18	<10	480	1.2	<2	2.23	0.6	5	6	11	2.19
K973159		4.87	1.070	49.0	0.42	2350	<10	10	<0.5	10	0.43	218	12	3	156	6.09
K973160		4.26	0.049	2.1	0.45	74	<10	70	<0.5	<2	1.55	6.9	8	3	5	3.64
K973161		3.78	2.11	12.7	0.47	1020	<10	10	<0.5	2	0.77	42.4	13	2	45	6.83
K973162		7.94	0.024	0.5	0.66	10	<10	30	0.6	2	2.38	0.7	7	4	7	3.18
K973163		0.08	1.510	36.5	5.24	178	<10	30	<0.5	<2	4.91	36.5	91	61	8310	8.74
K973164		10.20	0.036	0.6	0.92	18	<10	70	0.8	3	2.07	2.8	9	3	16	3.24
K973165		1.86	0.303	7.9	0.44	396	<10	20	0.5	6	1.47	24.3	8	2	67	6.47
K973166		8.12	0.029	1.2	0.70	33	<10	40	0.7	2	2.71	2.0	10	3	24	3.69
K973167		9.84	0.017	0.5	0.62	11	<10	40	0.6	2	2.61	0.9	9	3	8	3.12
K973168		3.30	0.029	0.8	0.43	27	<10	20	<0.5	2	1.53	<0.5	18	3	3	4.73
K973169		7.73	1.240	23.5	0.45	442	<10	20	0.6	19	1.58	26.6	21	2	666	7.22
K973170		3.27	<0.005	<0.2	0.04	3	<10	30	<0.5	<2	20.9	<0.5	<1	1	4	0.44
K973171		10.20	0.181	2.4	0.35	369	<10	70	<0.5	4	2.20	2.7	6	3	30	2.77
K973172		1.67	0.203	3.5	0.43	179	<10	30	0.5	3	1.99	18.6	6	3	43	3.36
K973173		4.09	0.098	2.3	0.49	98	<10	50	0.5	3	2.39	4.9	6	3	28	2.94
K973174		5.33	0.096	4.2	0.46	116	<10	60	0.5	2	1.89	6.8	5	3	45	2.76
K973175		2.92	3.62	14.2	0.41	297	<10	30	0.5	14	1.45	17.3	7	3	584	3.80
K973176		7.41	1.865	18.9	0.49	430	<10	60	0.5	25	1.64	29.3	6	4	252	4.03
K973177		2.24	0.012	<0.2	0.04	6	<10	20	<0.5	3	21.4	<0.5	<1	1	3	0.43
K973178		12.01	0.007	0.2	1.19	9	<10	220	0.6	2	2.02	0.8	6	6	12	2.83
K973179		12.39	0.009	0.2	1.37	10	<10	90	0.6	<2	2.45	0.6	5	5	20	2.96
K973180		9.10	0.011	0.2	1.08	11	<10	230	0.6	<2	2.11	<0.5	6	7	10	2.59
K973181		10.26	0.017	0.4	1.18	8	<10	250	0.6	3	1.89	0.6	6	6	16	2.92
K973182		8.43	0.025	0.2	0.81	12	<10	70	0.6	3	1.98	<0.5	5	3	16	2.57
K973183		9.14	0.226	1.3	0.63	20	<10	50	0.6	4	2.70	3.0	7	4	19	2.82
K973184		0.10	1.530	37.5	5.19	171	<10	40	<0.5	<2	4.84	35.7	90	61	8270	8.60
K973185		6.97	2.04	11.4	0.42	8300	<10	20	<0.5	6	3.60	39.0	4	4	85	4.66
K973186		8.09	0.430	8.5	0.39	211	<10	10	<0.5	7	1.14	19.7	23	4	91	9.38
K973187		13.38	0.018	0.8	0.58	15	<10	20	<0.5	<2	2.40	1.0	6	3	11	3.24
K973188		6.81	0.011	0.6	0.59	15	<10	30	<0.5	<2	2.34	1.1	6	2	8	3.31
K973189		6.01	0.009	0.5	0.61	15	<10	20	<0.5	<2	2.76	<0.5	5	2	2	3.46
K973190		5.83	0.105	5.5	0.58	176	<10	10	0.5	7	1.83	6.2	12	1	6	9.45
K973191		12.21	0.021	1.1	0.50	34	<10	20	0.5	<2	2.43	0.7	8	3	8	3.53

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 40

CERTIFICATE OF ANALYSIS WH11176534

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973156		<10	1	0.27	10	0.36	1865	12	0.01	4	370	2100	5.00	55	2	66
K973157		<10	<1	0.20	20	0.52	1025	15	0.01	1	520	53	0.54	3	8	78
K973158		<10	<1	0.28	10	0.77	846	1	0.02	3	530	29	0.11	3	5	268
K973159		<10	2	0.30	10	0.13	544	16	<0.01	1	390	>10000	8.59	46	1	23
K973160		<10	<1	0.35	10	0.45	1625	1	0.02	1	550	418	3.30	2	3	34
K973161		<10	<1	0.35	<10	0.22	666	9	<0.01	1	570	3830	8.92	17	2	25
K973162		<10	<1	0.29	10	0.72	856	<1	<0.01	1	630	40	2.08	<2	5	78
K973163		10	1	0.24	<10	1.21	666	49	0.36	342	730	9590	8.54	24	4	87
K973164		<10	<1	0.18	20	0.58	694	1	0.01	1	660	109	1.90	2	7	85
K973165		<10	<1	0.33	10	0.38	1205	16	0.01	<1	610	1760	8.12	12	3	49
K973166		<10	<1	0.26	20	0.61	1020	<1	0.01	1	590	222	2.69	5	6	111
K973167		<10	1	0.22	20	0.60	776	<1	0.01	1	590	70	2.55	3	6	102
K973168		<10	<1	0.32	10	0.46	993	<1	0.01	<1	610	36	4.98	2	3	39
K973169		<10	1	0.28	10	0.41	1160	10	0.01	1	460	1130	8.99	126	3	53
K973170		<10	<1	0.02	<10	12.70	205	<1	0.02	1	240	2	0.07	<2	<1	57
K973171		<10	<1	0.27	20	0.80	989	3	0.01	1	410	361	2.39	8	3	45
K973172		<10	<1	0.32	10	0.56	2080	4	0.01	1	520	1035	3.04	9	4	53
K973173		<10	<1	0.30	10	0.70	1225	1	0.02	2	530	382	2.23	6	5	74
K973174		<10	<1	0.32	10	0.54	1435	1	0.02	1	500	522	2.08	12	5	62
K973175		<10	<1	0.30	10	0.36	1075	1	0.02	1	490	359	3.78	43	4	55
K973176		<10	<1	0.34	10	0.48	1435	<1	0.02	1	520	1065	3.64	20	4	56
K973177		<10	<1	0.03	<10	13.10	211	<1	0.02	<1	300	3	0.05	<2	<1	61
K973178		<10	<1	0.17	20	0.76	573	<1	0.04	<1	630	22	0.94	2	8	98
K973179		<10	<1	0.19	20	0.69	562	<1	0.03	1	620	51	0.71	2	8	122
K973180		<10	<1	0.18	20	0.76	704	<1	0.05	1	570	15	0.48	<2	6	118
K973181		<10	<1	0.19	20	0.72	579	<1	0.04	1	640	25	0.76	2	7	103
K973182		<10	<1	0.22	10	0.55	549	<1	0.01	1	610	22	1.67	3	7	81
K973183		<10	<1	0.32	10	0.83	759	1	0.01	1	580	160	2.18	3	5	95
K973184		10	1	0.25	<10	1.19	658	50	0.36	339	730	9440	8.48	26	4	87
K973185		<10	<1	0.33	10	1.21	2930	20	0.02	1	420	1890	3.20	31	4	85
K973186		<10	<1	0.33	<10	0.33	909	9	0.01	<1	420	1230	>10.0	17	2	25
K973187		<10	<1	0.31	10	0.79	927	2	0.02	4	620	130	2.89	<2	4	82
K973188		<10	<1	0.31	10	0.76	845	1	0.02	1	600	86	3.02	2	4	82
K973189		<10	<1	0.31	10	0.84	1075	2	0.02	<1	680	18	3.11	<2	5	102
K973190		<10	<1	0.35	10	0.57	1445	34	0.03	<1	550	505	>10.0	13	3	64
K973191		<10	<1	0.30	20	0.73	1280	12	0.02	1	620	70	3.23	6	6	95

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 40

CERTIFICATE OF ANALYSIS WH11176534

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K973156		<20	<0.01	<10	<10	9	<10	7390	31		
K973157		<20	<0.01	<10	<10	29	<10	115	<1		
K973158		<20	<0.01	<10	<10	20	<10	91	<1		
K973159		<20	<0.01	<10	<10	5	10	>10000	44	1.060	1.370
K973160		<20	<0.01	<10	<10	6	<10	570	2		
K973161		<20	<0.01	<10	<10	8	<10	2980	12		
K973162		<20	<0.01	<10	<10	20	<10	104	1		
K973163		<20	0.05	<10	<10	338	<10	8930	31		
K973164		20	<0.01	<10	<10	23	<10	329	<1		
K973165		<20	<0.01	<10	<10	9	<10	2470	8		
K973166		<20	<0.01	<10	<10	17	<10	237	1		
K973167		<20	<0.01	<10	<10	19	<10	137	<1		
K973168		<20	<0.01	<10	<10	18	<10	42	2		
K973169		<20	<0.01	<10	10	14	<10	2610	22		
K973170		<20	<0.01	<10	10	2	<10	26	<1		
K973171		<20	<0.01	<10	<10	7	<10	216	2		
K973172		<20	<0.01	<10	<10	7	<10	1395	4		
K973173		<20	<0.01	<10	<10	12	<10	413	2		
K973174		<20	<0.01	<10	<10	13	<10	572	3		
K973175		<20	<0.01	<10	<10	11	<10	1750	13		
K973176		<20	<0.01	<10	<10	16	<10	2850	18		
K973177		<20	<0.01	<10	10	2	<10	33	1		
K973178		<20	<0.01	<10	<10	39	<10	107	1		
K973179		<20	<0.01	<10	<10	39	<10	101	1		
K973180		<20	0.01	<10	<10	38	<10	53	1		
K973181		<20	0.01	<10	<10	42	<10	80	<1		
K973182		<20	<0.01	<10	<10	23	<10	60	1		
K973183		<20	<0.01	<10	<10	16	<10	246	1		
K973184		<20	0.06	<10	<10	341	<10	8900	30		
K973185		<20	<0.01	<10	<10	12	<10	2830	11		
K973186		<20	<0.01	<10	<10	9	<10	1895	8		
K973187		<20	<0.01	<10	<10	9	<10	121	2		
K973188		<20	<0.01	<10	<10	9	<10	122	1		
K973189		<20	<0.01	<10	<10	9	<10	74	1		
K973190		<20	<0.01	<10	<10	16	<10	488	6		
K973191		<20	<0.01	<10	<10	13	<10	81	3		

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VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

CERTIFICATE WH11177041

Project: Klaza DDH- 16

P.O. No.: Batch4

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 22Y	Split Sample - Boyd Rotary Splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2011
Account: ROCKHA

Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11177041

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269118		1.97	4.88	39.1	0.60	>10000	<10	<10	0.8	4	4.36	27.0	4	8	204	5.74
K269119		2.82	0.007	<0.2	0.04	34	<10	<10	<0.5	<2	19.7	<0.5	1	1	3	0.46
K269120		3.10	0.017	0.4	1.12	77	<10	290	0.7	<2	2.08	<0.5	4	7	5	2.79
K269121		0.19	3.80	>100	0.18	>10000	<10	<10	<0.5	2	0.42	339	2	9	1605	14.10

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CERTIFICATE OF ANALYSIS WH11177041

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269118		<10	<1	0.29	10	1.80	1360	3	<0.01	10	400	3620	4.28	86	4	117
K269119		<10	1	0.02	<10	12.50	215	<1	0.01	2	200	6	0.06	<2	<1	55
K269120		<10	<1	0.22	20	0.64	548	<1	0.03	2	600	21	0.10	2	7	76
K269121		<10	<1	0.08	<10	0.18	1515	<1	<0.01	7	140	>10000	>10.0	582	1	20

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Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11177041

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K269118		<20	<0.01	<10	<10	17	<10	1980	41		
K269119		<20	<0.01	<10	<10	1	<10	17	<1		
K269120		<20	<0.01	<10	<10	35	<10	44	<1		
K269121		<20	<0.01	<10	<10	8	160	>10000	434	3.06	3.53

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Finalized Date: 18- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177049

Project: Klaza DDH- 52

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

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Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11177049

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972100		2.57	0.019	0.6	0.49	45	<10	220	<0.5	<2	2.59	1.7	1	3	4	2.49
K972101		3.07	0.102	1.5	0.50	81	<10	170	0.5	<2	3.20	11.1	6	3	11	3.68
K972102		6.78	0.221	1.3	0.64	39	<10	460	0.6	<2	1.89	12.7	4	4	9	3.00
K972103		6.36	0.025	0.4	0.59	33	<10	250	0.5	<2	2.12	2.9	3	4	3	2.22
K972104		4.43	0.517	85.2	0.57	109	<10	110	0.5	3	3.80	180.5	3	3	56	3.42
K972105		2.09	<0.005	0.3	0.05	<2	<10	20	<0.5	<2	18.2	0.6	1	1	9	0.40
K972106		11.65	<0.005	0.2	0.84	11	<10	630	0.5	<2	2.29	1.0	4	8	2	2.87
K972107		6.87	<0.005	<0.2	0.82	6	<10	560	<0.5	<2	2.86	<0.5	3	6	1	2.46
K972108		3.97	0.073	1.6	0.58	32	<10	420	0.5	<2	3.86	19.0	2	4	24	2.97
K972109		5.95	0.006	0.2	0.88	13	<10	370	0.5	<2	2.32	0.7	3	6	2	2.62
K972110		6.90	0.027	0.5	0.69	16	<10	1020	0.5	<2	1.72	6.5	3	4	6	3.04
K972111		4.29	<0.005	<0.2	0.64	3	<10	960	0.5	<2	2.34	<0.5	4	3	1	2.70
K972112		3.70	<0.005	<0.2	0.65	<2	<10	150	0.5	<2	2.84	<0.5	2	3	1	2.48
K972113		3.50	<0.005	<0.2	0.64	3	<10	270	0.5	<2	2.06	<0.5	3	4	2	2.66
K972114		5.77	<0.005	0.2	0.78	9	<10	730	0.5	<2	1.16	5.6	4	4	7	2.69
K972115		8.81	<0.005	<0.2	0.93	11	<10	270	0.6	<2	2.11	<0.5	4	6	3	2.42
K972116		0.13	1.300	32.2	4.80	148	<10	50	<0.5	12	4.46	31.4	85	55	7250	8.30
K972117		6.64	0.014	0.4	0.61	75	<10	320	0.6	<2	2.04	1.7	3	3	18	2.90
K972118		11.73	0.074	0.8	0.53	83	<10	190	0.6	<2	3.61	3.7	3	3	4	2.68
K972119		11.78	<0.005	<0.2	0.74	15	<10	620	0.6	<2	2.90	<0.5	5	4	1	2.70
K972120		12.28	<0.005	0.2	0.94	9	<10	750	0.6	<2	2.60	0.9	4	4	3	2.63
K972121		7.22	0.036	1.2	0.86	45	<10	540	0.5	<2	2.98	6.5	5	4	23	2.84
K972122		3.73	0.025	0.5	0.93	34	<10	510	0.5	<2	3.35	2.3	6	3	7	2.69
K972123		3.61	0.009	0.9	0.78	7	<10	350	0.5	<2	3.13	2.5	5	5	4	2.90
K972124		10.35	<0.005	0.2	1.21	4	<10	190	0.5	<2	3.04	<0.5	10	6	2	2.78
K972125		3.66	0.886	0.5	1.15	14	<10	230	<0.5	<2	3.05	0.7	24	6	3	3.04
K972126		0.14	1.420	32.4	4.84	146	<10	40	<0.5	15	4.47	31.7	85	56	7290	8.31
K972127		11.67	0.018	0.3	0.97	5	<10	300	0.5	<2	3.06	2.2	6	6	28	2.25
K972128		11.36	<0.005	<0.2	0.94	10	<10	490	<0.5	<2	2.60	<0.5	5	7	2	2.31
K972129		10.32	0.031	1.0	0.62	26	<10	180	0.5	<2	3.29	6.3	7	4	10	2.61
K972130		12.19	<0.005	<0.2	1.12	7	<10	270	<0.5	<2	2.44	<0.5	7	7	2	2.62
K972131		5.68	0.005	0.3	0.96	6	<10	260	<0.5	<2	2.77	<0.5	14	6	1	2.76
K972132		2.00	0.741	15.5	0.52	1180	<10	90	0.5	5	1.76	76.2	3	3	254	4.61
K972133		2.56	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	18.4	<0.5	1	1	4	0.40
K972134		4.34	0.017	0.8	0.61	105	<10	200	0.6	<2	3.17	1.6	9	3	4	2.74
K972135		11.82	0.249	5.2	0.49	1050	<10	30	<0.5	4	0.78	51.6	31	2	90	5.32

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VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11177049

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972100		<10	<1	0.33	30	0.64	2860	<1	0.02	<1	570	91	0.65	2	3	41
K972101		<10	1	0.23	20	0.89	3760	2	0.02	<1	430	538	0.97	3	4	60
K972102		<10	1	0.27	20	0.55	1595	2	0.01	1	480	609	0.48	5	6	49
K972103		<10	<1	0.22	20	0.62	1265	3	0.02	1	490	147	0.35	5	6	49
K972104		<10	1	0.28	10	1.40	2720	1	0.01	2	380	>10000	1.50	84	4	73
K972105		<10	<1	0.03	<10	11.60	205	<1	0.01	<1	210	30	<0.01	<2	<1	52
K972106		<10	<1	0.25	20	0.81	786	<1	0.05	1	560	88	0.10	<2	7	106
K972107		<10	<1	0.23	30	0.75	861	<1	0.04	1	550	28	0.26	<2	6	78
K972108		<10	<1	0.30	20	1.14	2710	<1	0.02	<1	480	775	0.63	2	4	101
K972109		<10	<1	0.22	20	0.61	694	<1	0.05	1	560	195	0.12	<2	6	81
K972110		<10	<1	0.23	30	0.64	1285	<1	0.01	<1	580	297	0.21	3	6	59
K972111		<10	<1	0.22	60	0.74	1160	<1	0.01	1	560	6	0.23	<2	5	75
K972112		<10	<1	0.25	40	0.95	1265	<1	0.02	<1	550	9	0.28	<2	5	72
K972113		<10	<1	0.21	30	0.67	1070	<1	0.01	2	580	8	0.15	<2	5	51
K972114		<10	<1	0.20	20	0.47	827	<1	0.01	1	620	21	0.15	<2	6	40
K972115		<10	<1	0.20	20	0.49	529	<1	0.05	2	570	10	0.08	<2	8	92
K972116		10	1	0.24	<10	1.13	618	48	0.34	314	670	8150	7.27	27	4	75
K972117		<10	<1	0.34	20	0.62	1705	1	0.01	1	540	134	0.62	<2	6	72
K972118		<10	<1	0.29	20	1.12	2610	1	0.01	<1	420	212	0.99	3	5	86
K972119		<10	<1	0.23	30	0.74	757	1	0.03	<1	600	9	0.23	<2	6	99
K972120		<10	<1	0.24	20	0.64	1275	<1	0.02	1	570	122	0.20	<2	6	79
K972121		<10	<1	0.29	20	0.69	1260	<1	0.03	1	530	332	0.59	<2	4	76
K972122		<10	<1	0.26	20	0.79	1130	<1	0.02	1	550	172	0.50	<2	5	81
K972123		<10	<1	0.28	20	0.94	1050	<1	0.04	<1	540	122	0.36	<2	5	93
K972124		<10	<1	0.18	30	0.75	593	<1	0.05	1	590	8	0.72	<2	6	88
K972125		<10	<1	0.26	20	0.77	757	<1	0.06	1	530	55	1.40	<2	6	67
K972126		10	1	0.24	<10	1.15	621	48	0.34	321	690	8180	7.31	25	4	75
K972127		<10	<1	0.21	20	0.70	759	<1	0.04	2	560	145	0.31	<2	6	81
K972128		<10	<1	0.22	30	0.69	603	<1	0.06	<1	560	9	0.35	<2	6	88
K972129		<10	<1	0.30	30	0.65	1320	<1	0.03	1	550	266	0.75	<2	5	88
K972130		<10	<1	0.20	20	0.72	629	<1	0.06	1	570	13	0.40	<2	6	87
K972131		<10	<1	0.23	30	0.69	740	<1	0.05	1	580	12	0.96	<2	6	85
K972132		<10	<1	0.39	10	0.47	1795	<1	0.01	<1	510	4050	3.54	17	3	33
K972133		<10	<1	0.03	<10	11.80	187	<1	0.01	<1	270	6	0.02	<2	<1	53
K972134		<10	<1	0.40	20	0.76	2130	<1	0.01	<1	560	127	0.85	<2	5	66
K972135		<10	<1	0.38	20	0.23	979	<1	0.01	<1	540	1240	5.13	8	2	15

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Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11177049

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K972100		<20	<0.01	<10	<10	10	<10	153	<1	
K972101		<20	<0.01	<10	<10	13	<10	849	1	
K972102		<20	<0.01	<10	<10	20	<10	905	1	
K972103		<20	<0.01	<10	<10	22	<10	230	<1	
K972104		<20	<0.01	<10	10	14	30	7530	81	1.555
K972105		<20	<0.01	<10	<10	<1	<10	71	<1	
K972106		<20	0.01	<10	<10	39	<10	107	<1	
K972107		<20	<0.01	<10	10	35	<10	49	<1	
K972108		<20	<0.01	<10	10	15	<10	1435	2	
K972109		<20	0.01	<10	<10	34	<10	81	<1	
K972110		<20	<0.01	<10	<10	32	<10	523	1	
K972111		<20	<0.01	<10	<10	27	<10	68	<1	
K972112		<20	<0.01	<10	<10	19	<10	67	<1	
K972113		<20	<0.01	<10	<10	27	<10	61	<1	
K972114		<20	<0.01	<10	<10	32	<10	413	1	
K972115		<20	0.01	<10	<10	39	<10	33	<1	
K972116		<20	0.05	<10	10	312	30	7330	30	
K972117		<20	<0.01	<10	10	24	<10	183	1	
K972118		<20	<0.01	<10	10	13	<10	315	1	
K972119		<20	<0.01	<10	<10	28	<10	53	<1	
K972120		<20	<0.01	<10	<10	28	<10	107	<1	
K972121		<20	<0.01	<10	10	21	<10	546	1	
K972122		<20	<0.01	<10	<10	23	<10	243	1	
K972123		<20	<0.01	<10	10	28	<10	256	1	
K972124		<20	<0.01	<10	<10	36	<10	43	<1	
K972125		<20	<0.01	<10	10	26	<10	92	1	
K972126		<20	0.06	<10	10	317	30	7500	30	
K972127		<20	<0.01	<10	10	32	<10	237	1	
K972128		<20	<0.01	<10	<10	35	<10	39	<1	
K972129		<20	<0.01	<10	10	23	<10	622	1	
K972130		<20	<0.01	<10	10	40	<10	46	<1	
K972131		<20	0.01	<10	10	38	<10	40	<1	
K972132		<20	<0.01	<10	10	12	20	7620	15	
K972133		<20	<0.01	<10	<10	<1	<10	36	<1	
K972134		<20	<0.01	<10	10	15	<10	169	1	
K972135		<20	<0.01	<10	10	7	10	4380	5	

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VANCOUVER BC V6B 1L8

Finalized Date: 20- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177059

Project: Klaza

P.O. No.:

This report is for 9 Soil samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177059

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28691		0.30	0.001	<0.2	1.95	11	<10	450	0.7	<2	0.34	<0.5	8	27	25	2.77
ZZ28657		0.22	0.009	0.9	2.29	10	<10	770	1.3	<2	0.43	0.6	12	30	40	2.83
ZZ28658		0.16	<0.001	<0.2	1.61	11	<10	660	0.5	<2	0.44	<0.5	7	22	20	2.56
ZZ28659		0.30	<0.001	<0.2	1.39	10	<10	420	<0.5	<2	0.34	<0.5	6	23	12	2.61
ZZ28660		0.14	0.009	0.6	2.06	8	<10	770	0.9	<2	0.72	<0.5	8	23	33	2.97
ZZ28681		0.28	<0.001	<0.2	1.63	8	<10	250	<0.5	<2	0.22	<0.5	7	26	15	2.96
ZZ28682		0.22	0.001	<0.2	1.21	8	<10	570	<0.5	<2	0.31	<0.5	6	19	23	2.20
ZZ28683		0.26	0.002	0.2	2.34	9	<10	160	<0.5	<2	0.21	<0.5	8	35	17	3.53
ZZ28684		0.20	0.001	<0.2	0.95	7	<10	140	<0.5	<2	0.16	<0.5	4	15	25	1.80

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Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177059

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28691		10	1	0.10	20	0.53	320	<1	0.01	13	340	83	<0.01	2	6	23
ZZ28657		10	1	0.11	60	0.50	472	1	0.01	15	870	76	0.01	2	11	28
ZZ28658		10	1	0.09	20	0.40	471	<1	0.01	10	710	13	0.01	<2	5	31
ZZ28659		10	1	0.08	10	0.39	326	1	0.01	10	260	13	<0.01	<2	4	25
ZZ28660		<10	1	0.12	70	0.37	284	<1	0.01	13	970	15	0.06	<2	12	42
ZZ28681		10	<1	0.08	10	0.37	303	1	0.01	11	390	10	<0.01	<2	3	23
ZZ28682		10	1	0.07	10	0.25	399	1	0.01	9	540	14	<0.01	2	2	31
ZZ28683		10	1	0.09	10	0.46	251	1	0.01	15	510	8	<0.01	2	4	22
ZZ28684		10	<1	0.04	10	0.15	105	1	<0.01	5	290	7	<0.01	<2	2	19

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Finalized Date: 20- OCT- 2011
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CERTIFICATE OF ANALYSIS WH11177059

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28691		<20	0.07	<10	<10	60	<10	63
ZZ28657		<20	0.04	<10	<10	64	<10	107
ZZ28658		<20	0.04	<10	<10	56	<10	59
ZZ28659		<20	0.07	<10	<10	63	<10	63
ZZ28660		<20	0.03	<10	<10	54	<10	71
ZZ28681		<20	0.09	<10	<10	75	<10	50
ZZ28682		<20	0.06	<10	<10	54	<10	46
ZZ28683		<20	0.10	<10	<10	70	<10	54
ZZ28684		<20	0.07	<10	<10	58	<10	28

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Finalized Date: 8- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177069

Project: Klaza

P.O. No.:

This report is for 128 Soil samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 8- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012101		0.24	0.004	<0.2	0.50	<2	<10	130	<0.5	<2	0.22	<0.5	3	6	9	1.21
DD012102		0.38	0.005	<0.2	1.62	11	<10	260	<0.5	<2	0.30	<0.5	7	28	13	3.08
DD012103		0.24	0.002	<0.2	1.03	7	<10	160	<0.5	<2	0.16	<0.5	6	16	13	2.41
DD012104		0.40	0.003	<0.2	1.34	11	<10	400	0.5	<2	0.38	<0.5	8	18	25	3.28
DD012105		0.34	0.017	<0.2	1.41	9	<10	340	<0.5	<2	0.21	<0.5	8	25	11	2.77
DD012106		0.20	0.006	0.3	1.07	6	<10	380	<0.5	<2	0.27	<0.5	5	16	31	1.69
DD012107		0.40	0.003	0.2	1.77	10	<10	180	<0.5	<2	0.20	<0.5	7	29	13	3.15
DD012108		0.28	0.002	<0.2	1.52	10	<10	530	0.6	<2	0.40	<0.5	9	18	11	3.36
DD012109		0.26	0.002	<0.2	1.05	7	<10	250	<0.5	<2	0.28	<0.5	5	17	7	3.18
DD012110		0.20	0.004	<0.2	1.00	34	<10	630	0.6	<2	0.46	<0.5	9	15	16	7.99
ZZ28981		0.34	0.007	0.3	1.34	15	<10	270	<0.5	<2	0.45	<0.5	7	17	16	1.89
ZZ28982		0.36	0.004	0.4	1.59	22	<10	320	0.6	<2	0.51	<0.5	9	22	20	2.55
ZZ28983		0.32	0.004	0.4	1.68	18	<10	400	0.5	<2	0.55	<0.5	9	21	15	2.58
ZZ28984		0.24	0.004	0.4	2.04	13	<10	970	0.6	<2	0.82	<0.5	10	17	29	2.80
ZZ28985		0.30	0.003	0.2	1.55	10	<10	370	0.5	<2	0.51	<0.5	8	19	16	2.68
ZZ28986		0.28	0.007	0.3	1.65	11	<10	350	0.5	<2	0.49	0.8	7	20	32	1.91
ZZ28987		0.30	0.002	0.3	0.98	8	<10	180	<0.5	<2	0.36	<0.5	5	13	15	1.60
ZZ28601		0.10	0.003	0.4	1.35	25	<10	230	0.5	<2	0.43	<0.5	6	16	24	2.79
ZZ28602		0.14	0.007	0.3	1.19	19	<10	230	<0.5	<2	0.53	<0.5	6	16	18	2.20
ZZ28603		0.14	0.006	0.5	1.21	23	<10	270	0.5	<2	0.49	0.7	7	15	21	2.56
ZZ28604		0.16	0.003	<0.2	1.01	7	<10	240	<0.5	<2	0.27	<0.5	7	12	10	2.71
DD012161		0.32	0.004	<0.2	1.24	5	<10	330	<0.5	<2	0.42	<0.5	7	19	12	2.52
DD012162		0.22	0.003	1.0	1.21	4	<10	410	0.5	<2	0.45	<0.5	6	10	14	2.33
DD012163		0.30	0.003	0.2	1.25	9	<10	460	0.5	<2	0.42	<0.5	9	15	18	3.65
DD012164		0.26	0.001	0.2	0.93	4	<10	230	<0.5	2	0.33	<0.5	5	12	16	1.86
DD012165		0.36	0.002	0.2	0.88	12	<10	500	0.6	<2	0.38	<0.5	9	9	13	3.21
DD012166		0.36	0.006	0.3	1.82	5	<10	400	0.5	2	0.64	<0.5	6	19	36	1.82
DD012167		0.32	0.011	0.3	1.87	8	<10	470	0.5	2	0.46	<0.5	8	20	31	2.40
DD012168		0.30	0.006	0.2	1.38	5	<10	350	<0.5	2	0.38	<0.5	7	18	26	1.81
DD012169		0.18	0.003	0.3	1.36	9	<10	480	<0.5	2	0.40	1.1	14	18	21	2.64
DD012170		0.22	0.004	0.7	1.59	87	<10	580	0.8	4	0.49	3.1	17	22	53	3.31
DD012181		0.26	0.010	0.2	1.13	11	<10	200	<0.5	<2	0.45	<0.5	6	21	13	2.02
DD012182		0.24	0.003	<0.2	1.57	9	<10	260	<0.5	3	0.46	<0.5	7	26	12	2.33
DD012183		0.28	0.003	<0.2	1.51	12	<10	230	<0.5	<2	0.43	<0.5	8	29	12	2.94
DD012184		0.30	0.003	0.3	1.30	11	<10	220	<0.5	<2	0.46	<0.5	7	19	23	2.67
DD012185		0.30	0.005	<0.2	1.43	11	<10	300	<0.5	<2	0.48	<0.5	6	19	20	2.36
DD012186		0.34	0.003	<0.2	2.25	9	<10	860	0.9	3	0.70	<0.5	17	20	29	4.03
DD012187		0.26	0.002	<0.2	1.28	11	<10	200	<0.5	<2	0.32	<0.5	7	27	11	2.42
DD012188		0.36	0.005	<0.2	1.11	10	<10	380	<0.5	<2	0.39	<0.5	6	16	11	2.50
DD012189		0.30	0.018	<0.2	1.75	10	<10	210	<0.5	2	0.24	<0.5	9	31	13	3.25

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Finalized Date: 8- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012101		<10	<1	0.04	10	0.10	100	<1	0.04	4	560	8	0.01	<2	2	17
DD012102		10	<1	0.10	10	0.54	299	1	0.02	14	380	13	0.01	<2	4	26
DD012103		10	<1	0.07	10	0.27	244	1	0.02	6	180	12	<0.01	<2	3	17
DD012104		10	<1	0.11	20	0.48	396	1	0.03	8	520	13	0.01	<2	7	27
DD012105		10	<1	0.07	10	0.42	506	1	0.02	9	250	13	0.01	<2	3	20
DD012106		<10	1	0.06	20	0.27	330	1	0.03	8	400	12	0.01	2	4	24
DD012107		10	<1	0.08	10	0.46	245	1	0.02	11	280	15	0.01	<2	3	22
DD012108		<10	<1	0.10	20	0.40	374	1	0.03	8	640	15	0.02	2	8	26
DD012109		<10	<1	0.04	10	0.23	149	<1	0.03	5	550	11	0.03	<2	4	21
DD012110		<10	<1	0.04	30	0.22	856	5	0.03	7	970	11	0.04	2	4	40
ZZ28981		<10	<1	0.06	20	0.39	300	1	0.02	8	690	35	0.02	2	4	34
ZZ28982		10	<1	0.07	20	0.50	752	2	0.03	10	800	41	0.02	2	5	44
ZZ28983		<10	<1	0.07	20	0.50	1550	2	0.03	10	640	38	0.03	2	5	46
ZZ28984		10	1	0.11	30	0.33	6100	6	0.05	11	600	20	0.06	<2	6	66
ZZ28985		10	<1	0.08	20	0.53	412	1	0.03	10	740	20	0.03	<2	6	32
ZZ28986		<10	<1	0.08	20	0.45	606	1	0.03	9	660	38	0.06	<2	4	40
ZZ28987		<10	<1	0.07	10	0.33	378	1	0.02	6	610	32	0.02	2	3	27
ZZ28601		<10	<1	0.08	20	0.40	299	2	0.03	8	760	47	0.05	4	3	37
ZZ28602		<10	<1	0.06	20	0.39	473	1	0.03	7	760	32	0.03	2	3	41
ZZ28603		<10	<1	0.07	20	0.34	710	1	0.03	9	750	35	0.04	2	3	39
ZZ28604		10	<1	0.08	10	0.26	407	1	0.02	4	360	11	0.01	<2	3	20
DD012161		<10	<1	0.10	10	0.45	368	1	0.03	10	400	19	0.02	<2	5	32
DD012162		<10	<1	0.11	20	0.30	352	1	0.04	6	560	12	0.03	<2	6	34
DD012163		<10	<1	0.14	20	0.37	561	1	0.03	7	540	16	0.02	<2	9	31
DD012164		<10	<1	0.06	10	0.22	207	3	0.03	8	490	7	0.03	<2	3	26
DD012165		<10	1	0.12	20	0.18	557	12	0.02	5	660	19	0.02	<2	6	22
DD012166		10	<1	0.11	50	0.62	234	<1	0.02	8	640	12	0.04	<2	9	30
DD012167		10	<1	0.09	30	0.71	328	<1	0.03	9	650	24	0.03	<2	8	29
DD012168		10	<1	0.05	30	0.44	303	1	0.02	7	690	11	0.02	<2	5	22
DD012169		<10	<1	0.06	20	0.35	2630	2	0.02	9	650	23	0.06	<2	4	33
DD012170		<10	1	0.07	30	0.35	1910	8	0.03	18	890	27	0.11	2	4	44
DD012181		<10	1	0.05	10	0.40	310	<1	0.02	9	790	13	0.02	<2	4	36
DD012182		10	<1	0.05	10	0.48	331	1	0.02	12	940	9	0.04	<2	3	38
DD012183		<10	<1	0.08	10	0.51	376	1	0.02	14	590	8	0.03	<2	3	31
DD012184		10	<1	0.05	10	0.35	279	1	0.02	8	810	8	0.04	<2	3	33
DD012185		<10	<1	0.08	10	0.45	315	1	0.02	10	500	8	0.02	<2	4	36
DD012186		10	1	0.16	50	0.75	1220	1	0.03	10	1090	13	0.04	<2	14	47
DD012187		10	<1	0.10	10	0.51	254	<1	0.02	10	300	8	0.01	<2	3	25
DD012188		<10	<1	0.11	10	0.41	304	1	0.02	7	500	8	0.02	<2	4	28
DD012189		10	1	0.11	10	0.59	383	1	0.02	13	260	8	0.01	<2	4	23

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012101		<20	0.04	<10	<10	33	<10	20
DD012102		<20	0.09	<10	<10	67	<10	54
DD012103		<20	0.08	<10	<10	65	<10	36
DD012104		<20	0.08	<10	<10	63	<10	57
DD012105		<20	0.09	<10	<10	68	<10	57
DD012106		<20	0.05	<10	<10	40	<10	32
DD012107		<20	0.11	<10	<10	76	<10	44
DD012108		<20	0.04	<10	<10	57	<10	66
DD012109		<20	0.03	<10	<10	38	<10	40
DD012110		<20	0.03	<10	<10	36	<10	69
ZZ28981		<20	0.05	<10	<10	40	<10	76
ZZ28982		<20	0.06	<10	10	51	<10	101
ZZ28983		<20	0.06	<10	<10	50	<10	90
ZZ28984		<20	0.03	<10	<10	45	<10	82
ZZ28985		<20	0.07	<10	<10	55	<10	70
ZZ28986		<20	0.05	<10	<10	46	<10	107
ZZ28987		<20	0.04	<10	<10	34	<10	75
ZZ28601		<20	0.04	<10	<10	43	<10	102
ZZ28602		<20	0.05	<10	<10	43	<10	75
ZZ28603		<20	0.04	<10	<10	41	<10	105
ZZ28604		<20	0.05	<10	<10	56	<10	43
DD012161		<20	0.09	<10	<10	55	<10	68
DD012162		<20	0.05	<10	<10	44	<10	58
DD012163		<20	0.06	<10	<10	70	<10	75
DD012164		<20	0.05	<10	<10	45	<10	35
DD012165		<20	0.01	<10	<10	40	<10	65
DD012166		<20	0.08	<10	<10	58	<10	57
DD012167		<20	0.07	<10	<10	66	<10	99
DD012168		<20	0.07	<10	<10	57	<10	65
DD012169		<20	0.04	<10	<10	36	<10	107
DD012170		<20	0.04	<10	<10	77	<10	124
DD012181		<20	0.05	<10	<10	49	<10	61
DD012182		<20	0.05	<10	<10	56	<10	60
DD012183		<20	0.08	<10	<10	65	<10	47
DD012184		<20	0.05	<10	<10	56	<10	33
DD012185		<20	0.07	<10	<10	54	<10	47
DD012186		<20	0.09	<10	<10	89	<10	66
DD012187		<20	0.11	<10	<10	62	<10	50
DD012188		<20	0.06	<10	<10	52	<10	59
DD012189		<20	0.11	<10	<10	74	<10	61

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012190		0.28	0.001	0.2	2.20	10	<10	220	0.5	3	0.18	<0.5	10	20	15	3.57
DD012191		0.28	0.002	<0.2	1.71	11	<10	220	0.5	2	0.22	<0.5	7	25	14	2.68
DD012192		0.24	0.003	0.2	1.81	11	<10	260	0.5	2	0.18	<0.5	7	23	15	2.71
DD012193		0.26	0.001	<0.2	0.80	7	<10	190	<0.5	2	0.21	<0.5	5	13	16	2.22
DD012194		0.26	0.003	<0.2	0.64	7	<10	130	<0.5	<2	0.19	<0.5	5	10	8	1.70
DD012195		0.18	0.001	<0.2	0.72	10	<10	250	<0.5	<2	0.35	<0.5	7	12	25	2.23
DD012196		0.20	0.001	<0.2	1.10	3	<10	340	<0.5	<2	0.42	<0.5	4	14	14	1.32
DD012197		0.26	0.001	<0.2	0.84	4	<10	210	<0.5	<2	0.36	<0.5	3	13	14	0.93
DD012198		0.28	0.008	<0.2	2.00	9	<10	740	1.2	<2	0.75	<0.5	11	24	34	2.97
DD012199		0.32	0.003	0.4	2.01	7	<10	700	1.2	3	0.74	<0.5	7	16	21	2.90
DD012200		0.28	0.002	<0.2	1.45	9	<10	500	0.6	<2	0.52	<0.5	8	21	18	2.55
DD012201		0.34	0.001	<0.2	1.40	9	<10	230	<0.5	<2	0.40	<0.5	7	19	15	2.38
DD012202		0.36	0.010	<0.2	1.33	7	<10	240	<0.5	2	0.37	<0.5	9	19	13	2.81
DD012203		0.30	0.002	0.2	1.27	11	<10	360	0.5	2	0.54	<0.5	7	15	14	2.98
DD012204		0.26	0.002	0.3	1.54	2	<10	330	<0.5	2	0.38	<0.5	5	16	16	1.57
DD012205		0.18	0.005	0.4	1.31	7	<10	520	0.7	2	0.75	0.8	6	18	37	2.44
DD012206		0.26	0.002	0.3	1.11	8	<10	230	<0.5	2	0.39	0.7	5	13	17	1.44
DD012207		0.28	0.003	0.4	1.49	13	<10	280	0.5	3	0.45	0.8	7	18	23	1.81
DD012208		0.28	0.003	0.3	1.10	11	<10	200	<0.5	2	0.32	0.5	6	16	20	1.67
DD012209		0.22	0.003	0.4	1.43	17	<10	280	0.6	3	0.48	0.6	6	18	23	1.62
DD012210		0.20	0.003	0.4	1.48	11	<10	360	<0.5	<2	0.45	0.9	9	19	29	1.97
DD012211		0.30	0.002	0.3	1.19	10	<10	260	<0.5	2	0.40	0.5	7	15	22	1.85
DD012212		0.24	0.002	0.3	1.02	<2	<10	260	<0.5	<2	0.36	<0.5	6	13	22	1.67
DD012213		0.24	0.001	0.6	1.85	13	<10	500	0.6	2	0.50	1.5	9	24	31	1.79
DD012214		0.24	0.001	0.3	1.06	7	<10	240	<0.5	<2	0.38	0.5	8	13	16	1.61
DD012215		0.26	0.007	0.3	1.02	3	<10	220	<0.5	<2	0.37	<0.5	6	14	12	1.07
DD012216		0.24	0.002	0.4	1.50	5	<10	330	<0.5	<2	0.48	0.8	7	18	22	1.20
DD012217		0.22	0.002	0.3	0.92	3	<10	200	<0.5	<2	0.37	<0.5	6	12	12	1.03
DD012218		0.34	0.003	0.2	1.00	3	<10	190	<0.5	<2	0.42	<0.5	6	13	13	1.03
DD012219		0.28	0.001	0.5	1.73	33	<10	330	0.5	<2	0.61	<0.5	10	23	28	3.17
DD012220		0.22	0.003	0.2	1.30	8	<10	230	<0.5	<2	0.44	0.6	8	18	21	1.72
DD012221		0.24	0.003	0.2	0.83	9	<10	140	<0.5	<2	0.37	<0.5	7	15	10	1.99
DD012222		0.24	0.006	0.3	1.06	14	<10	160	<0.5	<2	0.37	<0.5	7	17	13	1.81
DD012223		0.20	0.020	<0.2	0.89	2	<10	400	<0.5	<2	0.78	0.6	5	12	31	0.85
DD012224		0.22	0.001	<0.2	0.57	<2	<10	110	<0.5	<2	0.34	<0.5	5	8	7	0.97
DD012225		0.26	0.002	<0.2	1.40	3	<10	290	<0.5	<2	0.50	<0.5	8	22	9	1.98
DD012226		0.24	0.006	<0.2	1.43	8	<10	500	0.5	<2	0.68	<0.5	11	24	34	2.66
DD012227		0.30	0.003	0.2	1.89	12	<10	450	0.6	2	0.65	<0.5	12	24	28	4.17
DD012228		0.22	0.001	0.2	0.88	5	<10	200	<0.5	<2	0.87	<0.5	8	14	20	1.64
DD012229		0.20	<0.001	<0.2	0.55	3	<10	180	<0.5	<2	0.52	<0.5	6	7	15	1.25

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CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012190		10	1	0.08	10	0.39	370	1	0.02	9	310	10	0.01	<2	5	23
DD012191		10	<1	0.07	10	0.47	298	<1	0.02	12	320	8	0.01	<2	4	19
DD012192		10	1	0.09	10	0.38	268	1	0.02	11	350	11	0.01	<2	4	19
DD012193		<10	1	0.06	10	0.19	316	1	0.02	5	210	6	0.02	<2	2	22
DD012194		<10	<1	0.06	10	0.19	231	<1	0.03	4	270	9	0.02	<2	2	16
DD012195		<10	1	0.03	10	0.12	268	<1	0.04	6	790	3	0.06	<2	2	30
DD012196		<10	1	0.05	20	0.26	177	<1	0.02	6	610	6	0.05	<2	4	30
DD012197		<10	1	0.07	20	0.22	129	<1	0.02	4	560	5	0.04	<2	4	22
DD012198		10	1	0.16	50	0.46	1390	1	0.02	14	530	13	0.02	<2	8	51
DD012199		10	1	0.15	60	0.35	460	1	0.02	8	640	19	0.04	<2	14	49
DD012200		10	1	0.11	30	0.41	574	<1	0.02	10	370	10	0.02	<2	6	35
DD012201		<10	<1	0.11	10	0.46	285	<1	0.02	11	390	7	0.02	<2	4	26
DD012202		10	<1	0.13	10	0.56	472	<1	0.02	9	430	8	0.01	<2	5	25
DD012203		<10	1	0.11	30	0.36	411	1	0.02	7	690	16	0.04	<2	5	34
DD012204		<10	1	0.11	20	0.34	167	<1	0.03	7	500	10	0.04	<2	8	25
DD012205		<10	1	0.06	50	0.23	362	1	0.03	9	870	8	0.21	<2	5	51
DD012206		<10	1	0.06	20	0.33	257	1	0.02	7	680	26	0.05	<2	3	30
DD012207		<10	1	0.07	20	0.42	516	1	0.03	10	750	37	0.05	2	4	38
DD012208		<10	1	0.07	10	0.36	204	1	0.02	8	690	31	0.04	2	3	26
DD012209		<10	1	0.08	20	0.44	254	1	0.03	9	720	37	0.07	4	4	40
DD012210		<10	1	0.06	20	0.40	603	1	0.03	14	660	35	0.06	2	4	38
DD012211		<10	1	0.06	10	0.32	657	1	0.03	10	670	24	0.02	<2	3	35
DD012212		<10	<1	0.04	10	0.26	349	1	0.02	8	770	19	0.03	<2	3	27
DD012213		<10	1	0.08	20	0.48	342	3	0.03	14	710	41	0.13	4	5	42
DD012214		<10	<1	0.05	10	0.30	306	1	0.02	8	660	24	0.03	<2	3	28
DD012215		<10	1	0.04	10	0.29	133	1	0.02	8	630	23	0.03	2	3	27
DD012216		<10	1	0.06	20	0.40	171	1	0.03	11	580	32	0.07	2	4	38
DD012217		<10	<1	0.04	10	0.28	157	<1	0.02	8	600	19	0.02	<2	3	24
DD012218		<10	<1	0.05	10	0.25	156	1	0.03	9	620	21	0.04	<2	2	32
DD012219		10	1	0.06	10	0.38	674	4	0.03	11	1010	30	0.06	4	4	53
DD012220		<10	1	0.06	10	0.36	446	1	0.03	12	750	20	0.04	2	3	38
DD012221		<10	1	0.04	10	0.30	268	1	0.02	8	810	14	0.01	2	3	25
DD012222		<10	1	0.04	10	0.34	159	1	0.02	9	760	18	0.02	2	3	29
DD012223		<10	1	0.02	10	0.13	116	1	0.04	9	820	5	0.09	<2	1	75
DD012224		<10	1	0.03	<10	0.15	147	<1	0.03	7	540	3	0.02	<2	1	22
DD012225		<10	1	0.04	10	0.43	173	1	0.02	11	800	8	0.02	<2	3	30
DD012226		<10	1	0.07	20	0.49	224	1	0.03	15	670	13	0.05	<2	5	39
DD012227		10	1	0.11	40	0.70	467	2	0.03	13	790	15	0.02	2	8	34
DD012228		<10	1	0.05	10	0.24	500	1	0.02	9	440	7	0.03	<2	2	56
DD012229		<10	<1	0.03	10	0.11	225	2	0.04	6	760	4	0.04	<2	1	42

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012190		<20	0.04	<10	<10	70	<10	49
DD012191		<20	0.07	<10	<10	59	<10	45
DD012192		<20	0.06	<10	<10	61	<10	46
DD012193		<20	0.05	<10	<10	55	<10	46
DD012194		<20	0.05	<10	<10	41	<10	36
DD012195		<20	0.05	<10	<10	52	<10	22
DD012196		<20	0.04	<10	<10	41	<10	48
DD012197		<20	0.04	<10	<10	25	<10	38
DD012198		<20	0.03	<10	<10	59	<10	91
DD012199		<20	0.01	<10	<10	47	<10	78
DD012200		<20	0.04	<10	<10	49	<10	53
DD012201		<20	0.09	<10	<10	51	<10	46
DD012202		<20	0.12	<10	<10	63	<10	60
DD012203		<20	0.04	<10	<10	51	<10	62
DD012204		<20	0.06	<10	<10	44	<10	50
DD012205		<20	0.04	<10	<10	58	<10	69
DD012206		<20	0.04	<10	<10	37	<10	78
DD012207		<20	0.04	<10	<10	45	<10	104
DD012208		<20	0.04	<10	<10	40	<10	83
DD012209		<20	0.04	<10	<10	49	<10	100
DD012210		<20	0.04	<10	<10	41	<10	104
DD012211		<20	0.05	<10	<10	41	<10	75
DD012212		<20	0.07	<10	<10	48	<10	70
DD012213		<20	0.05	<10	10	56	<10	144
DD012214		<20	0.05	<10	<10	39	<10	75
DD012215		<20	0.06	<10	<10	40	<10	64
DD012216		<20	0.04	<10	<10	40	<10	97
DD012217		<20	0.04	<10	<10	28	<10	61
DD012218		<20	0.05	<10	<10	26	<10	52
DD012219		<20	0.05	<10	<10	64	<10	75
DD012220		<20	0.04	<10	<10	39	<10	85
DD012221		<20	0.04	<10	<10	47	<10	52
DD012222		<20	0.04	<10	<10	49	<10	56
DD012223		<20	0.03	<10	10	20	<10	17
DD012224		<20	0.04	<10	<10	26	<10	24
DD012225		<20	0.06	<10	<10	46	<10	56
DD012226		<20	0.09	<10	<10	67	<10	54
DD012227		<20	0.14	<10	<10	86	<10	66
DD012228		<20	0.05	<10	<10	40	<10	46
DD012229		<20	0.04	<10	<10	31	<10	19

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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012230		0.28	0.007	<0.2	1.37	12	<10	90	<0.5	<2	0.11	<0.5	7	18	12	2.65
DD012231		0.32	<0.001	<0.2	1.30	8	<10	200	<0.5	<2	0.26	<0.5	8	18	11	2.28
DD012232		0.24	0.002	0.4	1.39	10	<10	1090	1.0	<2	0.52	<0.5	10	15	22	2.86
DD012233		0.32	0.002	0.3	1.71	6	<10	140	<0.5	<2	0.19	<0.5	9	23	16	2.60
DD012234		0.24	0.001	0.2	1.70	10	<10	170	0.5	<2	0.21	<0.5	10	26	14	2.74
DD012235		0.32	0.002	<0.2	1.66	8	<10	1930	<0.5	<2	0.41	<0.5	10	17	15	3.03
DD012236		0.30	0.002	<0.2	2.25	9	<10	250	0.5	<2	0.23	<0.5	11	25	16	3.31
DD012237		0.32	0.003	0.2	1.25	13	<10	260	<0.5	<2	0.34	<0.5	7	18	12	2.46
DD012238		0.44	0.004	<0.2	1.34	5	<10	280	<0.5	<2	0.56	<0.5	9	28	18	2.51
DD012239		0.30	0.001	<0.2	0.88	2	<10	180	<0.5	<2	0.30	<0.5	5	15	14	1.04
DD012240		0.22	0.002	<0.2	1.11	4	<10	480	<0.5	<2	0.46	<0.5	6	12	12	1.93
DD012251		0.38	0.001	<0.2	1.73	12	<10	420	<0.5	<2	0.46	<0.5	11	14	28	3.37
DD012252		0.40	0.002	<0.2	1.92	12	<10	210	<0.5	<2	0.36	<0.5	14	33	25	3.20
DD012253		0.42	0.005	0.2	1.84	11	<10	150	<0.5	2	0.34	<0.5	10	33	20	2.56
DD012254		0.28	0.003	0.2	1.83	14	<10	140	<0.5	<2	0.41	<0.5	10	33	19	2.75
DD012255		0.36	0.004	0.3	1.69	14	<10	200	<0.5	4	0.33	<0.5	9	30	20	2.28
DD012256		0.34	0.024	0.3	2.03	18	<10	160	<0.5	4	0.38	<0.5	7	31	29	2.57
DD012257		0.42	0.005	<0.2	1.64	3	<10	140	<0.5	<2	0.32	<0.5	6	25	21	1.70
DD012258		0.32	0.002	<0.2	1.95	6	<10	170	<0.5	<2	0.31	<0.5	8	29	24	2.44
DD012259		0.34	0.003	<0.2	2.17	4	<10	210	0.5	<2	0.31	<0.5	9	32	25	2.44
DD012260		0.22	0.002	<0.2	1.58	2	<10	150	<0.5	2	0.37	<0.5	7	23	17	1.85
DD012261		0.36	0.009	<0.2	1.60	8	<10	140	<0.5	<2	0.36	<0.5	5	23	15	2.06
DD012262		0.34	0.003	0.2	1.35	10	<10	120	<0.5	2	0.30	<0.5	5	18	13	2.07
DD012263		0.36	0.005	<0.2	1.69	8	<10	170	<0.5	3	0.32	<0.5	6	21	21	2.08
DD012264		0.32	0.002	<0.2	1.43	<2	<10	150	<0.5	<2	0.30	<0.5	6	18	15	2.03
DD012265		0.18	0.001	<0.2	1.93	3	<10	170	<0.5	3	0.51	<0.5	8	14	27	2.51
DD012266		0.28	0.003	<0.2	1.83	13	<10	170	0.5	2	0.45	<0.5	8	21	18	2.58
DD012267		0.26	0.002	<0.2	2.02	8	<10	260	0.5	2	0.68	<0.5	10	23	22	2.98
DD012268		0.28	0.002	<0.2	2.26	4	<10	200	0.5	<2	0.46	<0.5	10	23	18	2.98
DD012269		0.24	0.003	<0.2	2.45	5	<10	220	0.5	2	0.50	<0.5	10	27	19	2.99
DD012270		0.34	0.002	<0.2	2.44	4	<10	250	0.6	<2	0.56	<0.5	10	29	24	3.11
DD012271		0.38	0.008	0.2	2.12	6	<10	160	<0.5	2	0.48	<0.5	10	23	20	2.80
DD012272		0.32	0.006	0.2	2.03	4	<10	140	<0.5	2	0.41	<0.5	7	19	24	2.79
DD012273		0.30	0.005	<0.2	1.45	<2	<10	150	<0.5	2	0.35	<0.5	6	19	19	2.38
DD012274		0.32	0.002	<0.2	1.65	6	<10	150	<0.5	2	0.36	<0.5	9	21	18	2.98
DD012275		0.26	0.001	<0.2	0.74	<2	<10	110	<0.5	<2	0.34	<0.5	6	9	13	1.43
DD012276		0.42	0.002	<0.2	1.68	6	<10	140	<0.5	<2	0.28	<0.5	7	25	16	2.02
DD012277		0.28	0.002	0.2	1.45	<2	<10	180	<0.5	<2	0.32	1.1	8	22	16	1.78
DD012278		0.34	0.008	0.9	1.87	6	<10	210	0.6	3	0.45	0.5	7	19	31	3.33
DD012279		0.28	0.002	0.2	1.46	6	<10	250	0.5	<2	0.52	<0.5	7	16	30	2.39

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VANCOUVER BC V6B 1L8

Finalized Date: 8- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012230		10	1	0.05	10	0.29	222	1	0.01	11	270	11	<0.01	<2	2	9
DD012231		<10	<1	0.06	20	0.34	306	1	0.02	11	520	9	<0.01	2	4	17
DD012232		<10	1	0.12	40	0.25	880	4	0.04	11	710	14	0.01	2	11	34
DD012233		10	1	0.08	10	0.37	220	1	0.02	13	300	10	<0.01	2	3	19
DD012234		10	1	0.06	10	0.45	360	1	0.02	15	320	10	<0.01	<2	4	16
DD012235		10	<1	0.09	20	0.55	504	1	0.06	10	700	14	0.01	2	6	59
DD012236		10	1	0.09	10	0.48	375	1	0.02	14	390	13	<0.01	2	5	19
DD012237		<10	1	0.04	10	0.33	210	1	0.02	9	790	9	0.02	<2	3	21
DD012238		<10	<1	0.08	10	0.49	428	1	0.02	15	1050	9	0.01	2	5	32
DD012239		<10	1	0.04	10	0.25	109	<1	0.02	9	550	7	<0.01	<2	2	16
DD012240		<10	1	0.06	20	0.22	254	1	0.03	8	700	7	0.05	<2	4	35
DD012251		10	<1	0.21	20	0.60	891	2	0.03	9	950	9	0.01	<2	6	23
DD012252		10	1	0.11	10	0.69	493	1	0.02	18	450	10	0.01	<2	5	25
DD012253		10	1	0.10	10	0.66	259	1	0.02	15	430	10	0.01	<2	5	22
DD012254		10	1	0.10	10	0.76	297	1	0.02	15	660	13	0.02	<2	5	24
DD012255		10	1	0.11	10	0.61	226	1	0.02	15	450	21	0.01	<2	5	21
DD012256		10	<1	0.14	10	0.65	282	1	0.01	18	510	16	0.03	<2	6	23
DD012257		10	<1	0.09	10	0.55	182	<1	0.02	14	440	12	0.02	<2	4	20
DD012258		10	<1	0.11	10	0.62	325	<1	0.02	16	630	8	0.03	<2	4	22
DD012259		10	<1	0.14	10	0.65	266	<1	0.02	15	570	12	0.03	<2	6	21
DD012260		<10	<1	0.09	10	0.53	351	<1	0.02	12	560	13	0.03	<2	4	23
DD012261		10	<1	0.09	10	0.51	255	<1	0.02	12	660	11	0.02	<2	3	22
DD012262		<10	<1	0.08	10	0.41	363	1	0.02	8	590	12	0.02	<2	3	16
DD012263		<10	<1	0.10	10	0.49	276	<1	0.02	10	620	16	0.02	<2	4	18
DD012264		<10	<1	0.08	10	0.47	223	<1	0.02	9	530	9	0.01	<2	3	17
DD012265		10	<1	0.17	10	0.69	456	<1	0.07	7	730	7	0.02	<2	5	38
DD012266		<10	<1	0.16	20	0.64	548	<1	0.04	11	630	10	0.03	<2	5	30
DD012267		10	1	0.18	10	0.73	898	<1	0.05	11	700	13	0.05	<2	6	38
DD012268		10	1	0.21	20	0.79	487	<1	0.04	13	550	8	0.02	<2	6	40
DD012269		10	<1	0.24	20	0.89	534	<1	0.06	12	480	8	0.03	<2	6	41
DD012270		10	<1	0.22	10	0.93	520	<1	0.06	15	520	9	0.03	<2	7	40
DD012271		10	<1	0.16	10	0.74	807	<1	0.04	10	610	11	0.03	<2	6	30
DD012272		10	1	0.15	10	0.65	329	<1	0.03	8	650	11	0.04	<2	5	26
DD012273		<10	<1	0.09	10	0.48	308	<1	0.02	9	470	10	0.02	<2	4	21
DD012274		10	<1	0.08	10	0.52	558	<1	0.02	9	580	11	0.03	<2	4	26
DD012275		<10	<1	0.05	10	0.20	511	<1	0.03	5	620	8	0.03	<2	1	24
DD012276		<10	<1	0.08	10	0.44	219	<1	0.02	11	740	14	0.02	<2	4	15
DD012277		<10	1	0.07	10	0.44	291	<1	0.02	11	720	13	0.04	<2	3	18
DD012278		10	<1	0.10	20	0.50	573	1	0.02	13	1020	33	0.08	2	4	28
DD012279		<10	<1	0.06	20	0.40	420	<1	0.03	9	920	17	0.09	2	3	40

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012230		<20	0.06	<10	<10	55	<10	36
DD012231		<20	0.06	<10	<10	50	<10	40
DD012232		<20	0.01	<10	<10	45	<10	55
DD012233		<20	0.08	<10	<10	58	<10	46
DD012234		<20	0.08	<10	<10	56	<10	49
DD012235		<20	0.09	<10	<10	63	<10	78
DD012236		<20	0.07	<10	<10	60	<10	51
DD012237		<20	0.04	<10	<10	61	<10	37
DD012238		<20	0.07	<10	<10	60	<10	56
DD012239		<20	0.05	<10	<10	30	<10	27
DD012240		<20	0.03	<10	<10	35	<10	54
DD012251		<20	0.14	<10	<10	80	<10	59
DD012252		<20	0.12	<10	<10	67	<10	62
DD012253		<20	0.14	<10	<10	67	<10	64
DD012254		<20	0.14	<10	<10	68	<10	68
DD012255		<20	0.11	<10	<10	61	<10	66
DD012256		<20	0.11	<10	<10	63	<10	64
DD012257		<20	0.09	<10	<10	40	<10	50
DD012258		<20	0.09	<10	<10	59	<10	63
DD012259		<20	0.08	<10	<10	61	<10	73
DD012260		<20	0.07	<10	<10	52	<10	64
DD012261		<20	0.07	<10	<10	51	<10	61
DD012262		<20	0.07	<10	<10	49	<10	52
DD012263		<20	0.06	<10	<10	45	<10	61
DD012264		<20	0.07	<10	<10	45	<10	44
DD012265		<20	0.12	<10	<10	64	<10	54
DD012266		<20	0.10	<10	<10	60	<10	58
DD012267		<20	0.10	<10	<10	67	<10	77
DD012268		<20	0.12	<10	<10	68	<10	61
DD012269		<20	0.12	<10	<10	70	<10	60
DD012270		<20	0.13	<10	<10	73	<10	69
DD012271		<20	0.11	<10	<10	60	<10	69
DD012272		<20	0.08	<10	<10	56	<10	68
DD012273		<20	0.07	<10	<10	45	<10	48
DD012274		<20	0.07	<10	<10	58	<10	54
DD012275		<20	0.04	<10	<10	37	<10	34
DD012276		<20	0.06	<10	<10	64	<10	66
DD012277		<20	0.06	<10	<10	40	<10	59
DD012278		<20	0.02	<10	<10	49	<10	177
DD012279		<20	0.04	<10	<10	48	<10	61

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Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012280		0.22	0.003	0.2	1.82	10	<10	180	0.6	<2	0.47	<0.5	8	22	32	2.83
DD012281		0.22	0.002	0.2	1.56	10	<10	100	<0.5	<2	0.37	0.6	10	24	47	3.09
DD012282		0.20	0.001	<0.2	1.67	19	<10	150	0.6	<2	0.47	0.5	7	15	18	2.75
DD012283		0.20	0.004	0.6	1.89	6	<10	150	0.8	3	0.47	1.2	9	14	38	2.53
DD012284		0.16	0.005	0.2	2.24	4	<10	170	0.8	<2	0.26	<0.5	8	23	19	2.51
DD012285		0.22	0.001	<0.2	1.26	3	<10	120	<0.5	<2	0.28	<0.5	7	20	11	2.37
DD012286		0.34	<0.001	<0.2	1.34	2	<10	100	0.5	<2	0.39	<0.5	7	21	14	2.44
DD012287		0.26	<0.001	<0.2	1.64	5	<10	140	0.6	<2	0.55	<0.5	8	24	20	2.59

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CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012280		10	1	0.12	20	0.59	666	<1	0.04	10	760	19	0.06	3	4	32
DD012281		10	<1	0.11	10	0.60	641	1	0.02	11	840	61	0.03	2	4	24
DD012282		10	1	0.18	10	0.55	558	<1	0.02	7	580	30	0.04	2	4	27
DD012283		10	<1	0.17	20	0.55	1305	1	0.02	8	690	28	0.04	3	3	30
DD012284		10	1	0.09	20	0.44	599	<1	0.02	11	540	33	0.03	<2	4	24
DD012285		<10	<1	0.12	10	0.47	496	<1	0.02	10	310	16	0.02	<2	3	22
DD012286		<10	<1	0.12	10	0.54	512	<1	0.02	11	440	14	0.02	2	4	21
DD012287		10	<1	0.13	20	0.60	594	<1	0.02	10	710	16	0.05	<2	4	28

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CERTIFICATE OF ANALYSIS WH11177069

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012280		<20	0.06	<10	<10	64	<10	80
DD012281		<20	0.07	<10	<10	68	<10	108
DD012282		<20	0.05	<10	<10	57	<10	96
DD012283		<20	0.05	<10	<10	48	<10	142
DD012284		<20	0.07	<10	<10	52	<10	59
DD012285		<20	0.08	<10	<10	53	<10	49
DD012286		<20	0.07	<10	<10	51	<10	60
DD012287		<20	0.05	<10	<10	54	<10	86

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Finalized Date: 16- OCT- 2011
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CERTIFICATE WH11177070

Project: Klaza

P.O. No.:

This report is for 156 Soil samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012301		0.40	0.004	0.3	1.66	15	<10	320	<0.5	<2	0.38	<0.5	9	28	55	2.90
DD012302		0.50	0.007	0.4	1.97	30	<10	400	0.5	<2	0.40	<0.5	11	30	38	3.08
DD012303		0.50	0.008	0.2	2.12	14	<10	340	0.5	<2	0.41	<0.5	9	32	30	3.03
DD012304		0.40	0.007	<0.2	2.10	16	<10	310	0.5	<2	0.36	<0.5	12	29	25	3.31
DD012305		0.38	0.008	<0.2	1.63	14	<10	200	<0.5	2	0.39	<0.5	6	26	14	2.15
DD012306		0.56	0.004	0.2	1.86	17	<10	300	0.5	2	0.39	<0.5	8	27	22	2.66
DD012307		0.48	0.004	0.2	1.93	32	<10	330	0.6	<2	0.38	<0.5	10	30	30	3.51
DD012308		0.48	0.003	0.2	1.69	27	<10	210	<0.5	<2	0.35	<0.5	10	24	22	2.85
DD012309		0.38	0.011	<0.2	1.40	4	<10	130	<0.5	3	0.35	<0.5	5	18	11	1.44
DD012310		0.34	0.002	0.2	1.63	8	<10	150	<0.5	2	0.33	<0.5	8	22	16	2.20
DD012311		0.22	0.003	0.2	1.86	17	<10	210	<0.5	2	0.35	<0.5	8	24	16	3.05
DD012312		0.46	0.005	0.5	2.01	5	<10	240	0.5	2	0.32	<0.5	8	26	25	2.20
DD012313		0.28	0.003	0.2	1.64	6	<10	190	<0.5	<2	0.32	<0.5	11	21	18	2.33
DD012314		0.62	0.003	0.3	2.07	16	<10	230	0.6	2	0.35	<0.5	11	24	23	3.51
DD012315		0.46	0.002	0.2	1.83	6	<10	150	<0.5	3	0.32	<0.5	7	22	17	2.29
DD012316		0.48	0.002	<0.2	1.89	8	<10	170	<0.5	2	0.34	<0.5	8	23	17	2.16
DD012317		0.30	0.003	0.2	1.93	3	<10	160	<0.5	2	0.39	<0.5	7	24	20	2.19
DD012318		0.32	0.007	<0.2	1.89	<2	<10	150	<0.5	3	0.50	<0.5	8	21	18	2.40
DD012319		0.22	0.007	0.2	2.10	5	<10	200	<0.5	2	0.52	<0.5	6	24	24	2.43
DD012320		0.40	0.002	0.2	1.90	6	<10	190	<0.5	2	0.46	<0.5	7	28	29	2.40
DD012321		0.54	0.001	<0.2	2.00	5	<10	240	<0.5	<2	0.39	<0.5	8	28	20	2.50
DD012322		0.30	0.002	0.2	1.81	6	<10	190	<0.5	3	0.39	<0.5	6	22	18	2.10
DD012323		0.38	0.004	0.4	1.90	8	<10	250	0.6	2	0.33	<0.5	5	21	27	1.89
DD012324		0.28	0.001	0.2	1.51	3	<10	190	<0.5	3	0.29	<0.5	4	22	15	1.63
DD012325		0.30	0.001	0.2	1.55	10	<10	200	<0.5	<2	0.31	<0.5	7	24	20	2.52
DD012326		0.52	0.002	<0.2	1.44	6	<10	130	<0.5	<2	0.31	<0.5	7	22	14	1.97
DD012327		0.34	0.004	0.2	1.80	8	<10	200	<0.5	3	0.30	<0.5	6	26	17	1.97
DD012328		0.30	0.004	0.2	1.69	11	<10	130	<0.5	2	0.31	<0.5	8	25	16	2.60
DD012329		0.38	0.002	0.4	1.54	8	<10	170	<0.5	<2	0.26	<0.5	11	23	16	2.76
DD012330		0.40	0.005	0.2	1.62	45	<10	140	<0.5	2	0.28	<0.5	7	24	16	2.62
DD012331		0.50	0.010	0.3	1.31	8	<10	110	<0.5	3	0.29	<0.5	6	21	15	1.77
DD012332		0.46	0.003	0.2	2.11	5	<10	110	0.5	2	0.33	<0.5	10	31	25	2.76
DD012333		0.32	0.005	0.8	1.90	6	<10	120	0.6	3	0.43	4.2	12	27	65	3.14
DD012334		0.22	0.001	0.3	1.86	4	<10	210	0.6	<2	0.81	<0.5	9	16	42	2.32
DD012335		0.12	0.006	0.2	1.08	4	<10	60	<0.5	2	0.18	0.5	5	16	16	2.36
DD012336		0.26	0.001	<0.2	2.06	4	<10	180	0.7	<2	0.66	<0.5	7	12	17	2.41
DD012337		0.28	0.005	0.2	1.46	6	<10	180	0.6	3	0.53	<0.5	7	18	16	2.66
DD012338		0.22	0.001	<0.2	1.66	8	<10	110	<0.5	3	0.37	<0.5	8	21	13	2.70
DD012339		0.26	0.003	0.3	1.65	6	<10	160	0.5	<2	0.47	0.6	6	25	19	2.22
DD012340		0.20	0.005	0.2	1.66	7	<10	190	0.5	<2	0.80	<0.5	8	25	20	2.54

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VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012301		10	<1	0.13	20	0.63	450	2	0.02	13	520	17	0.02	<2	6	26
DD012302		10	<1	0.12	20	0.61	495	2	0.03	14	570	22	0.03	4	8	26
DD012303		10	<1	0.12	20	0.66	349	1	0.02	14	580	10	0.02	<2	8	26
DD012304		10	<1	0.10	20	0.57	693	1	0.02	11	540	10	0.02	<2	7	24
DD012305		10	<1	0.11	10	0.58	220	<1	0.02	10	610	10	0.03	<2	4	24
DD012306		10	<1	0.12	30	0.62	401	<1	0.02	12	530	11	0.03	2	6	26
DD012307		10	<1	0.11	20	0.61	351	<1	0.03	14	690	11	0.03	<2	8	26
DD012308		10	<1	0.10	10	0.60	259	<1	0.02	11	480	12	0.01	<2	6	23
DD012309		<10	<1	0.07	10	0.51	188	<1	0.02	8	510	9	0.01	<2	3	23
DD012310		10	<1	0.08	10	0.55	231	1	0.01	11	490	10	0.01	<2	4	23
DD012311		10	<1	0.09	10	0.59	375	1	0.02	10	760	10	0.03	<2	4	26
DD012312		10	1	0.12	20	0.50	260	<1	0.01	12	690	13	0.02	<2	5	24
DD012313		<10	<1	0.10	10	0.50	924	1	0.02	9	710	11	0.02	<2	4	23
DD012314		10	<1	0.13	20	0.63	482	1	0.03	11	750	10	0.02	2	5	27
DD012315		10	<1	0.10	10	0.58	284	<1	0.02	12	740	7	0.02	2	4	22
DD012316		10	<1	0.12	10	0.62	415	<1	0.03	11	550	10	0.02	<2	5	27
DD012317		10	<1	0.06	10	0.56	383	<1	0.02	11	920	8	0.04	<2	4	27
DD012318		10	<1	0.07	10	0.70	460	<1	0.05	10	650	7	0.03	<2	4	38
DD012319		10	<1	0.08	10	0.69	290	1	0.04	10	970	10	0.06	<2	5	42
DD012320		10	<1	0.20	10	0.71	298	1	0.04	23	570	12	0.01	<2	5	34
DD012321		10	<1	0.16	10	0.70	315	<1	0.03	16	500	7	0.02	<2	5	30
DD012322		<10	<1	0.13	10	0.55	325	<1	0.02	12	640	9	0.03	<2	4	29
DD012323		10	1	0.06	20	0.44	174	1	0.02	11	850	16	0.05	<2	3	26
DD012324		10	<1	0.06	10	0.35	249	<1	0.01	8	810	12	0.04	<2	3	23
DD012325		10	<1	0.07	10	0.42	415	<1	0.01	10	920	12	0.04	<2	3	25
DD012326		<10	<1	0.09	10	0.51	258	<1	0.01	11	600	10	0.01	<2	3	20
DD012327		10	<1	0.08	10	0.47	251	<1	0.01	10	670	14	0.03	2	4	24
DD012328		10	<1	0.10	10	0.58	254	<1	0.01	11	690	12	0.02	<2	4	18
DD012329		10	<1	0.06	10	0.38	993	<1	0.01	9	610	15	0.03	<2	5	21
DD012330		10	<1	0.08	10	0.47	288	<1	0.01	11	620	16	0.01	2	4	19
DD012331		<10	<1	0.08	10	0.45	262	1	0.01	8	720	15	0.01	<2	3	19
DD012332		10	<1	0.11	10	0.89	358	1	0.01	13	730	25	0.02	<2	5	20
DD012333		10	<1	0.15	10	0.86	1055	1	0.02	10	700	312	0.03	3	5	30
DD012334		10	<1	0.13	30	0.52	661	1	0.04	8	710	16	0.07	<2	4	48
DD012335		10	<1	0.07	10	0.28	221	1	0.02	8	450	11	0.03	<2	2	21
DD012336		10	<1	0.25	20	0.73	539	1	0.02	6	600	17	0.04	<2	4	40
DD012337		<10	<1	0.15	20	0.45	646	1	0.02	9	860	12	0.05	<2	4	34
DD012338		10	<1	0.17	10	0.60	520	1	0.01	12	540	13	0.03	2	3	25
DD012339		<10	<1	0.10	20	0.49	326	<1	0.02	12	850	19	0.07	<2	3	32
DD012340		<10	<1	0.13	20	0.62	598	1	0.02	11	740	17	0.06	<2	4	40

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Finalized Date: 16- OCT- 2011
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CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012301		<20	0.12	<10	<10	67	<10	66
DD012302		<20	0.11	<10	<10	75	<10	65
DD012303		<20	0.11	<10	<10	71	<10	58
DD012304		<20	0.09	<10	<10	63	<10	50
DD012305		<20	0.10	<10	<10	55	<10	57
DD012306		<20	0.10	<10	<10	66	<10	58
DD012307		<20	0.09	<10	<10	72	<10	61
DD012308		<20	0.11	<10	<10	69	<10	65
DD012309		<20	0.08	<10	<10	38	<10	58
DD012310		<20	0.08	<10	<10	56	<10	50
DD012311		<20	0.08	<10	<10	76	<10	68
DD012312		<20	0.07	<10	<10	57	<10	61
DD012313		<20	0.07	<10	<10	50	<10	53
DD012314		<20	0.09	<10	<10	66	<10	61
DD012315		<20	0.10	<10	<10	54	<10	56
DD012316		<20	0.10	<10	<10	57	<10	56
DD012317		<20	0.07	<10	<10	50	<10	50
DD012318		<20	0.11	<10	<10	60	<10	58
DD012319		<20	0.09	<10	<10	61	<10	58
DD012320		<20	0.13	<10	<10	60	<10	71
DD012321		<20	0.11	<10	<10	57	<10	60
DD012322		<20	0.08	<10	<10	48	<10	61
DD012323		<20	0.04	<10	<10	46	<10	76
DD012324		<20	0.05	<10	<10	35	<10	52
DD012325		<20	0.05	<10	<10	48	<10	60
DD012326		<20	0.09	<10	<10	41	<10	56
DD012327		<20	0.06	<10	<10	46	<10	69
DD012328		<20	0.08	<10	<10	61	<10	87
DD012329		<20	0.04	<10	<10	45	<10	79
DD012330		<20	0.06	<10	<10	66	<10	68
DD012331		<20	0.06	<10	<10	41	<10	99
DD012332		<20	0.10	<10	<10	67	<10	119
DD012333		<20	0.07	<10	<10	70	<10	622
DD012334		<20	0.06	<10	<10	53	<10	94
DD012335		<20	0.10	<10	<10	67	<10	49
DD012336		<20	0.04	<10	<10	55	<10	81
DD012337		<20	0.06	<10	<10	54	<10	62
DD012338		<20	0.08	<10	<10	60	<10	87
DD012339		<20	0.07	<10	<10	53	<10	87
DD012340		<20	0.06	<10	<10	59	<10	84

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CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg .02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012341		0.22	0.002	0.2	2.24	11	<10	190	0.6	<2	0.20	<0.5	10	34	22	2.84
DD012342		0.28	0.002	<0.2	1.45	10	<10	290	<0.5	<2	0.43	<0.5	13	17	10	3.23
DD012343		0.34	0.001	<0.2	1.75	8	<10	320	0.5	<2	0.46	<0.5	8	28	19	2.63
DD012344		0.26	0.001	<0.2	1.59	7	<10	230	<0.5	<2	0.56	<0.5	9	22	16	2.50
DD012345		0.28	0.003	<0.2	1.70	9	<10	370	0.6	3	0.42	<0.5	9	28	28	2.63
DD012346		0.26	<0.001	0.4	0.85	25	<10	250	0.5	3	0.34	<0.5	8	13	48	3.28
DD012347		0.28	0.002	<0.2	1.92	12	<10	580	0.7	3	0.52	<0.5	10	23	19	3.67
DD012348		0.30	0.005	<0.2	1.47	8	<10	160	<0.5	2	0.29	<0.5	8	26	21	2.10
DD012349		0.28	0.001	0.2	1.43	6	<10	270	<0.5	2	0.29	<0.5	8	22	29	1.84
DD012350		0.28	0.011	1.1	2.76	26	<10	440	0.6	3	0.52	<0.5	12	32	100	4.02
DD012351		0.20	0.002	<0.2	1.44	8	<10	140	<0.5	3	0.30	<0.5	6	23	16	2.02
DD012352		0.28	0.002	0.2	1.87	5	<10	460	<0.5	3	0.38	<0.5	10	21	18	2.60
DD012353		0.34	0.002	<0.2	1.71	10	<10	300	<0.5	<2	0.37	<0.5	9	27	21	2.46
DD012354		0.26	<0.001	<0.2	1.76	14	<10	260	<0.5	2	0.36	<0.5	10	25	15	2.87
DD012355		0.22	0.003	<0.2	3.02	11	<10	70	<0.5	3	0.21	<0.5	17	16	8	3.90
DD012356		0.28	0.001	<0.2	1.04	13	<10	120	<0.5	2	0.19	<0.5	5	18	14	2.85
DD012357		0.38	0.002	<0.2	1.28	10	<10	340	<0.5	2	0.35	<0.5	7	22	15	2.49
DD012358		0.44	0.003	<0.2	1.30	5	<10	370	<0.5	<2	0.40	<0.5	7	23	18	2.18
DD012359		0.24	0.001	<0.2	1.82	7	<10	200	<0.5	<2	0.24	<0.5	8	25	16	2.56
DD012360		0.32	<0.001	<0.2	1.55	8	<10	290	<0.5	<2	0.38	<0.5	8	23	11	2.56
DD012361		0.30	0.001	<0.2	1.36	8	<10	350	<0.5	<2	0.43	<0.5	11	19	11	3.02
DD012362		0.34	0.001	<0.2	1.54	8	<10	390	0.5	<2	0.40	<0.5	10	23	14	2.68
DD012363		0.34	0.001	<0.2	1.27	7	<10	340	<0.5	2	0.48	<0.5	7	15	11	3.06
DD012364		0.26	<0.001	0.2	2.12	9	<10	490	0.7	<2	0.68	<0.5	10	26	21	2.93
DD012365		0.34	0.001	<0.2	1.28	6	<10	260	<0.5	3	0.46	<0.5	6	15	15	1.96
DD012366		0.38	<0.001	<0.2	1.38	6	<10	240	<0.5	<2	0.41	<0.5	7	18	12	2.10
DD012367		0.32	0.003	0.2	1.62	8	<10	630	0.7	2	0.75	<0.5	8	23	26	2.29
DD012368		0.44	<0.001	<0.2	1.53	7	<10	330	<0.5	3	0.51	<0.5	10	20	13	2.74
DD012369		0.44	0.001	<0.2	1.32	6	<10	270	<0.5	2	0.46	<0.5	9	21	16	2.19
DD012370		0.34	0.014	0.2	1.18	6	<10	300	<0.5	2	0.44	<0.5	7	19	15	1.68
DD012371		0.32	0.001	<0.2	1.23	10	<10	210	<0.5	2	0.41	<0.5	8	20	9	2.34
DD012372		0.34	0.004	0.3	1.13	15	<10	220	<0.5	2	0.44	<0.5	8	18	15	2.15
DD012373		0.26	0.007	0.3	1.52	18	<10	290	0.5	2	0.48	<0.5	9	23	22	2.39
DD012374		0.38	0.003	0.3	1.67	9	<10	410	0.6	2	0.63	0.7	9	27	20	2.13
DD012375		0.26	0.002	<0.2	1.06	3	<10	260	<0.5	<2	0.47	<0.5	5	16	15	1.12
DD012376		0.34	0.001	<0.2	0.97	6	<10	220	<0.5	<2	0.35	<0.5	6	15	8	1.69
DD012377		0.34	0.002	<0.2	0.89	4	<10	190	<0.5	3	0.30	<0.5	5	14	7	1.04
DD012378		0.30	0.014	<0.2	0.76	5	<10	160	<0.5	2	0.26	<0.5	4	11	6	1.04
DD012379		0.36	<0.001	<0.2	0.59	6	<10	120	<0.5	2	0.31	<0.5	5	15	5	2.07
DD012380		Not Recvd														

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012341		10	<1	0.07	10	0.56	346	<1	0.02	19	290	25	0.02	2	5	19
DD012342		<10	<1	0.09	10	0.62	2220	<1	0.02	8	630	26	0.03	10	4	27
DD012343		<10	<1	0.07	20	0.62	345	<1	0.02	14	480	8	0.02	<2	6	29
DD012344		<10	<1	0.06	10	0.64	599	<1	0.02	12	580	10	0.03	<2	4	31
DD012345		10	<1	0.09	30	0.61	391	<1	0.04	16	540	14	0.02	<2	6	31
DD012346		<10	<1	0.09	10	0.23	350	1	0.03	3	530	26	0.03	16	4	29
DD012347		10	<1	0.10	30	0.77	360	<1	0.04	10	570	11	0.05	2	7	36
DD012348		<10	<1	0.07	10	0.45	265	<1	0.03	9	530	9	0.02	<2	4	21
DD012349		<10	<1	0.06	20	0.42	185	1	0.03	7	640	7	0.03	2	4	19
DD012350		10	<1	0.20	20	0.74	756	5	0.04	15	840	15	0.04	3	10	38
DD012351		<10	<1	0.06	10	0.42	209	<1	0.03	8	510	8	0.02	<2	3	23
DD012352		10	<1	0.09	20	0.91	430	<1	0.03	9	460	13	0.03	<2	6	28
DD012353		10	<1	0.08	10	0.57	253	<1	0.03	14	510	7	0.02	<2	5	29
DD012354		10	<1	0.11	10	0.58	446	<1	0.03	15	450	8	0.02	<2	5	26
DD012355		10	<1	0.06	10	1.59	756	<1	0.02	6	370	12	0.01	4	5	23
DD012356		10	<1	0.06	10	0.25	384	1	0.02	5	280	8	0.01	<2	3	22
DD012357		<10	1	0.07	10	0.57	414	<1	0.03	10	370	9	0.02	6	5	26
DD012358		<10	<1	0.08	10	0.50	271	<1	0.04	11	490	7	0.02	<2	4	28
DD012359		10	<1	0.07	10	0.48	304	<1	0.03	13	380	8	0.02	<2	3	23
DD012360		10	<1	0.08	10	0.60	252	<1	0.03	10	460	7	0.03	2	4	25
DD012361		<10	<1	0.07	10	0.59	557	<1	0.03	7	620	9	0.03	2	4	23
DD012362		<10	<1	0.07	20	0.51	653	<1	0.03	9	560	11	0.03	2	6	24
DD012363		<10	<1	0.06	10	0.46	296	<1	0.03	5	730	8	0.03	<2	4	25
DD012364		10	<1	0.09	40	0.65	618	<1	0.03	13	700	11	0.05	2	8	36
DD012365		<10	<1	0.07	10	0.42	258	<1	0.04	6	500	8	0.03	<2	3	29
DD012366		<10	<1	0.06	10	0.45	289	<1	0.04	9	440	5	0.03	<2	3	27
DD012367		<10	<1	0.09	30	0.47	384	<1	0.04	14	640	9	0.06	<2	7	35
DD012368		10	<1	0.07	10	0.73	774	<1	0.04	7	820	7	0.03	<2	4	26
DD012369		<10	<1	0.06	10	0.50	401	<1	0.03	10	700	7	0.02	2	4	26
DD012370		<10	<1	0.04	10	0.36	339	<1	0.03	10	760	6	0.03	<2	3	24
DD012371		<10	1	0.04	10	0.46	226	<1	0.03	9	660	7	0.02	<2	3	24
DD012372		<10	<1	0.05	10	0.36	474	1	0.03	8	860	18	0.03	<2	4	39
DD012373		<10	1	0.06	20	0.48	448	1	0.04	11	890	25	0.04	3	5	47
DD012374		<10	<1	0.06	20	0.52	305	<1	0.04	12	830	22	0.05	<2	6	70
DD012375		<10	<1	0.04	10	0.27	99	<1	0.04	6	670	6	0.06	2	3	53
DD012376		<10	<1	0.04	10	0.28	291	<1	0.03	7	660	8	0.03	<2	3	31
DD012377		<10	<1	0.04	10	0.26	110	<1	0.03	5	640	5	0.03	<2	3	24
DD012378		<10	<1	0.04	10	0.23	116	<1	0.03	6	610	5	0.02	<2	2	21
DD012379		<10	<1	0.03	20	0.20	173	<1	0.03	4	710	5	0.02	2	2	20
DD012380																

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Finalized Date: 16- OCT- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012341		<20	0.09	<10	<10	61	<10	55
DD012342		<20	0.04	<10	<10	65	<10	88
DD012343		<20	0.09	<10	<10	62	<10	54
DD012344		<20	0.06	<10	<10	57	<10	50
DD012345		<20	0.08	<10	<10	60	<10	65
DD012346		<20	0.02	<10	<10	73	<10	155
DD012347		<20	0.03	<10	<10	71	<10	68
DD012348		<20	0.10	<10	<10	56	<10	51
DD012349		<20	0.09	<10	<10	64	<10	51
DD012350		<20	0.10	<10	<10	88	<10	97
DD012351		<20	0.08	<10	<10	48	<10	49
DD012352		<20	0.04	<10	<10	61	<10	75
DD012353		<20	0.07	<10	<10	54	<10	47
DD012354		<20	0.07	<10	<10	58	<10	69
DD012355		<20	0.01	<10	<10	71	<10	104
DD012356		<20	0.11	<10	<10	100	<10	48
DD012357		<20	0.07	<10	<10	55	<10	52
DD012358		<20	0.07	<10	<10	49	<10	47
DD012359		<20	0.06	<10	<10	55	<10	51
DD012360		<20	0.06	<10	<10	56	<10	63
DD012361		<20	0.04	<10	<10	54	<10	54
DD012362		<20	0.05	<10	<10	58	<10	55
DD012363		<20	0.03	<10	<10	53	<10	53
DD012364		<20	0.05	<10	<10	64	<10	63
DD012365		<20	0.04	<10	<10	44	<10	45
DD012366		<20	0.06	<10	<10	49	<10	44
DD012367		<20	0.05	<10	<10	52	<10	52
DD012368		<20	0.08	<10	<10	66	<10	60
DD012369		<20	0.07	<10	<10	49	<10	49
DD012370		<20	0.06	<10	<10	41	<10	41
DD012371		<20	0.07	<10	<10	52	<10	44
DD012372		<20	0.04	<10	<10	47	<10	61
DD012373		<20	0.05	<10	<10	53	<10	85
DD012374		<20	0.06	<10	10	57	<10	104
DD012375		<20	0.04	<10	10	31	<10	52
DD012376		<20	0.04	<10	<10	30	<10	46
DD012377		<20	0.04	<10	<10	26	<10	40
DD012378		<20	0.03	<10	<10	22	<10	37
DD012379		<20	0.05	<10	<10	56	<10	36
DD012380								

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CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012381		0.34	0.002	0.9	1.34	12	<10	260	<0.5	<2	0.41	<0.5	8	17	9	2.47
DD012382		0.28	0.003	1.2	1.82	10	<10	450	0.8	<2	0.60	<0.5	8	22	27	3.03
DD012383		0.30	0.001	<0.2	1.24	6	<10	170	<0.5	<2	0.36	<0.5	6	20	11	2.12
DD012384		0.36	0.003	0.2	1.43	6	<10	330	0.5	<2	0.44	<0.5	7	20	15	2.49
DD012385		0.44	<0.001	<0.2	1.18	5	<10	230	<0.5	<2	0.38	<0.5	6	17	8	2.27
DD012386		0.32	<0.001	<0.2	1.44	6	<10	200	<0.5	<2	0.31	<0.5	8	17	11	2.71
DD012387		0.32	<0.001	<0.2	1.26	5	<10	190	<0.5	<2	0.34	<0.5	6	19	11	2.22
DD012388		0.36	0.001	<0.2	1.20	7	<10	250	<0.5	<2	0.43	<0.5	6	18	36	2.31
DD012389		0.42	0.002	<0.2	1.44	7	<10	370	<0.5	<2	0.43	<0.5	7	18	14	2.47
DD012390		0.18	<0.001	0.2	1.16	2	<10	250	<0.5	<2	0.49	<0.5	4	16	20	0.98
DD012395		0.40	0.002	<0.2	1.14	8	<10	280	0.5	<2	0.52	<0.5	5	28	16	2.20
DD012396		0.38	<0.001	<0.2	1.21	7	<10	240	<0.5	<2	0.54	<0.5	6	25	14	2.23
DD012397		0.28	<0.001	0.2	1.30	3	<10	400	<0.5	<2	0.51	<0.5	7	24	18	2.06
DD012398		0.24	0.001	<0.2	1.05	2	<10	250	<0.5	<2	0.43	<0.5	6	19	11	1.74
DD012399		0.22	0.002	<0.2	1.14	4	<10	290	<0.5	<2	0.67	<0.5	6	20	17	1.61
DD012400		0.16	0.002	<0.2	1.38	9	<10	330	0.5	<2	0.45	<0.5	7	21	15	2.16
DD012401		0.20	<0.001	<0.2	1.42	5	<10	330	0.5	<2	0.35	<0.5	7	24	16	2.39
DD012402		0.26	<0.001	<0.2	0.83	5	<10	160	<0.5	<2	0.33	<0.5	5	12	7	1.64
DD012403		0.26	0.002	<0.2	0.88	9	<10	180	<0.5	<2	0.42	<0.5	4	14	10	1.66
DD012404		0.26	0.002	<0.2	1.00	11	<10	160	<0.5	<2	0.44	<0.5	6	16	12	2.05
DD012405		0.30	0.002	<0.2	0.99	11	<10	120	<0.5	<2	0.32	<0.5	5	14	11	1.72
DD012406		0.24	0.005	0.3	1.39	12	<10	220	<0.5	<2	0.47	<0.5	5	21	13	2.03
DD012407		0.28	0.007	<0.2	1.18	6	<10	260	<0.5	<2	0.48	<0.5	7	20	6	1.90
DD012408		0.30	0.004	<0.2	1.17	6	<10	200	<0.5	<2	0.44	<0.5	7	20	11	1.85
DD012409		0.30	0.003	<0.2	1.66	15	<10	510	0.6	<2	0.55	<0.5	9	26	23	4.31
DD012410		0.30	0.002	<0.2	1.61	4	<10	530	0.5	<2	0.81	<0.5	8	24	25	2.21
DD012411		0.26	0.002	<0.2	1.26	6	<10	390	0.5	<2	0.63	<0.5	7	16	16	2.33
DD012412		0.30	<0.001	<0.2	0.97	8	<10	270	<0.5	<2	0.49	<0.5	6	16	9	2.22
DD012413		0.26	<0.001	<0.2	1.49	6	<10	300	<0.5	<2	0.52	<0.5	7	20	13	2.23
DD012414		0.34	0.001	<0.2	1.67	9	<10	290	0.5	<2	0.55	<0.5	7	19	13	2.60
DD012415		0.30	0.001	<0.2	1.52	6	<10	320	0.5	<2	0.44	<0.5	8	17	12	2.69
DD012416		0.24	0.002	<0.2	2.26	11	<10	530	0.7	<2	0.54	<0.5	11	22	23	3.36
DD012417		0.28	0.002	<0.2	1.62	8	<10	210	<0.5	<2	0.33	<0.5	7	22	19	2.42
DD012418		0.32	0.002	<0.2	1.73	7	<10	240	<0.5	<2	0.35	<0.5	7	21	14	2.56
DD012419		0.34	0.005	<0.2	1.84	6	<10	300	0.5	<2	0.41	<0.5	8	25	23	2.63
DD012420		0.20	0.002	<0.2	2.45	7	<10	140	<0.5	<2	0.22	<0.5	9	27	11	2.99
DD012461		0.34	0.003	0.3	2.11	13	<10	340	<0.5	<2	0.41	<0.5	7	26	53	3.69
DD012462		0.32	0.002	<0.2	1.42	14	<10	220	<0.5	<2	0.40	<0.5	8	24	43	2.49
DD012463		0.34	0.005	0.3	1.90	9	<10	220	<0.5	<2	0.39	<0.5	8	27	22	2.38
DD012464		0.28	0.006	0.2	1.94	15	<10	200	<0.5	<2	0.38	<0.5	9	28	19	2.57

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012381		<10	<1	0.11	10	0.52	478	<1	0.03	6	430	68	0.02	3	4	30
DD012382		<10	1	0.18	20	0.46	478	1	0.02	14	760	22	0.02	2	9	46
DD012383		<10	<1	0.10	10	0.54	269	<1	0.02	9	250	10	<0.01	<2	4	24
DD012384		<10	<1	0.11	30	0.49	335	<1	0.01	10	550	8	<0.01	<2	8	27
DD012385		<10	1	0.08	10	0.47	340	<1	0.01	9	430	7	<0.01	<2	4	21
DD012386		10	<1	0.09	10	0.57	425	<1	0.01	8	260	8	<0.01	<2	4	18
DD012387		<10	<1	0.07	10	0.46	271	<1	0.02	9	310	7	<0.01	<2	3	21
DD012388		<10	<1	0.08	20	0.44	343	<1	0.01	9	500	7	<0.01	<2	4	22
DD012389		<10	<1	0.10	10	0.46	370	<1	0.01	10	480	7	<0.01	<2	5	22
DD012390		<10	<1	0.05	10	0.35	129	<1	0.01	7	650	18	0.03	<2	3	28
DD012395		<10	<1	0.05	10	0.37	219	<1	0.01	14	740	7	<0.01	<2	4	30
DD012396		<10	<1	0.06	10	0.37	221	<1	0.01	12	790	8	<0.01	<2	3	31
DD012397		<10	<1	0.05	20	0.34	193	<1	0.02	13	830	9	0.04	<2	5	38
DD012398		<10	<1	0.05	20	0.32	194	1	0.01	8	720	8	<0.01	<2	4	29
DD012399		<10	<1	0.06	10	0.35	215	<1	0.02	10	850	8	0.04	<2	4	56
DD012400		<10	<1	0.06	20	0.37	254	1	0.02	10	900	9	0.03	<2	4	36
DD012401		<10	<1	0.06	20	0.40	282	<1	0.02	11	840	9	0.02	2	5	29
DD012402		<10	<1	0.04	10	0.25	196	<1	0.01	6	710	6	<0.01	<2	2	22
DD012403		<10	<1	0.04	10	0.29	206	<1	0.01	7	780	11	0.02	<2	3	35
DD012404		<10	<1	0.04	10	0.34	318	<1	0.01	7	940	14	<0.01	<2	3	32
DD012405		<10	<1	0.04	10	0.31	269	<1	0.01	6	790	18	<0.01	2	3	21
DD012406		<10	<1	0.06	10	0.44	167	<1	0.02	10	860	19	0.01	<2	3	30
DD012407		<10	<1	0.05	10	0.39	400	<1	0.02	10	990	6	<0.01	<2	3	23
DD012408		<10	1	0.05	10	0.38	270	<1	0.02	11	820	6	<0.01	<2	3	22
DD012409		<10	<1	0.05	20	0.50	506	<1	0.02	13	820	8	0.01	<2	6	30
DD012410		10	<1	0.08	20	0.63	295	<1	0.02	12	820	9	0.05	<2	6	36
DD012411		<10	<1	0.07	20	0.44	362	<1	0.02	8	630	8	0.01	<2	4	29
DD012412		<10	<1	0.06	10	0.41	366	<1	0.01	7	380	11	<0.01	<2	3	24
DD012413		<10	<1	0.07	10	0.51	289	<1	0.02	9	530	11	<0.01	<2	4	27
DD012414		<10	<1	0.08	20	0.66	321	<1	0.01	8	490	13	<0.01	2	7	25
DD012415		<10	<1	0.08	20	0.62	452	<1	0.01	8	530	8	<0.01	<2	5	23
DD012416		10	<1	0.12	30	0.69	568	<1	0.02	10	700	10	0.01	<2	9	29
DD012417		10	1	0.07	10	0.50	367	<1	0.01	9	630	9	0.01	<2	3	23
DD012418		<10	<1	0.08	10	0.49	350	<1	0.02	12	490	10	<0.01	2	4	22
DD012419		10	1	0.08	30	0.59	347	<1	0.02	13	560	14	<0.01	2	6	27
DD012420		10	<1	0.06	10	0.62	297	<1	0.01	16	320	11	<0.01	3	4	19
DD012461		10	<1	0.19	10	0.78	314	1	0.02	10	960	8	0.03	<2	6	24
DD012462		<10	<1	0.14	10	0.56	318	1	0.03	15	640	10	0.04	2	5	29
DD012463		<10	<1	0.10	10	0.56	224	<1	0.02	14	610	13	0.08	<2	5	28
DD012464		10	<1	0.11	10	0.56	362	<1	0.02	13	650	11	0.08	<2	4	31

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Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012381		<20	0.11	<10	<10	63	<10	96
DD012382		<20	0.05	<10	<10	61	<10	114
DD012383		<20	0.11	<10	<10	52	<10	52
DD012384		<20	0.07	<10	<10	51	<10	56
DD012385		<20	0.07	<10	<10	48	<10	52
DD012386		<20	0.11	<10	<10	66	<10	57
DD012387		<20	0.09	<10	<10	52	<10	45
DD012388		<20	0.07	<10	<10	48	<10	52
DD012389		<20	0.07	<10	<10	53	<10	49
DD012390		<20	0.05	<10	<10	24	<10	74
DD012395		<20	0.05	<10	<10	49	<10	37
DD012396		<20	0.05	<10	<10	49	<10	38
DD012397		<20	0.04	<10	10	37	<10	54
DD012398		<20	0.05	<10	<10	52	<10	44
DD012399		<20	0.05	<10	10	37	<10	65
DD012400		<20	0.05	<10	10	43	<10	69
DD012401		<20	0.05	<10	10	45	<10	69
DD012402		<20	0.04	<10	<10	27	<10	45
DD012403		<20	0.04	<10	<10	36	<10	56
DD012404		<20	0.05	<10	<10	48	<10	54
DD012405		<20	0.04	<10	<10	36	<10	54
DD012406		<20	0.05	<10	<10	43	<10	74
DD012407		<20	0.07	<10	<10	36	<10	55
DD012408		<20	0.07	<10	<10	40	<10	41
DD012409		<20	0.06	<10	<10	70	<10	47
DD012410		<20	0.07	<10	10	65	<10	59
DD012411		<20	0.04	<10	<10	50	<10	49
DD012412		<20	0.06	<10	<10	47	<10	61
DD012413		<20	0.06	<10	<10	50	<10	47
DD012414		<20	0.05	<10	<10	59	<10	57
DD012415		<20	0.08	<10	<10	58	<10	56
DD012416		<20	0.05	<10	<10	69	<10	58
DD012417		<20	0.05	<10	<10	55	<10	55
DD012418		<20	0.07	<10	<10	56	<10	54
DD012419		<20	0.08	<10	<10	61	<10	57
DD012420		<20	0.07	<10	<10	61	<10	55
DD012461		<20	0.15	<10	<10	93	<10	57
DD012462		<20	0.13	<10	<10	58	<10	54
DD012463		<20	0.11	<10	<10	57	<10	56
DD012464		<20	0.09	<10	<10	58	<10	69

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VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012465		0.26	0.004	0.2	1.79	16	<10	200	<0.5	<2	0.32	<0.5	9	26	21	2.49
DD012466		0.34	0.003	<0.2	2.03	17	<10	180	<0.5	<2	0.39	<0.5	10	27	18	2.78
DD012467		0.36	0.008	0.2	1.80	11	<10	160	<0.5	<2	0.31	<0.5	9	23	15	2.39
DD012468		0.30	0.005	0.2	1.82	6	<10	130	<0.5	<2	0.31	<0.5	8	21	19	1.96
DD012469		0.30	<0.001	<0.2	1.37	9	<10	100	<0.5	2	0.30	<0.5	8	18	16	2.08
DD012470		0.40	0.007	<0.2	1.48	4	<10	110	<0.5	<2	0.33	<0.5	7	18	12	1.89
DD012471		0.44	0.002	0.2	1.57	12	<10	140	<0.5	5	0.30	<0.5	8	18	18	1.96
DD012472		0.36	0.002	0.2	2.18	14	<10	200	0.6	<2	0.27	<0.5	11	21	26	2.57
DD012473		0.32	0.003	0.2	1.69	11	<10	140	0.5	2	0.31	<0.5	7	16	14	1.94
DD012474		0.32	0.002	0.2	1.82	6	<10	160	<0.5	2	0.30	<0.5	7	17	17	1.75
DD012475		0.42	0.006	0.2	2.12	3	<10	120	<0.5	2	0.34	<0.5	9	22	27	2.05
DD012476		0.34	0.001	0.2	1.92	7	<10	160	<0.5	<2	0.39	<0.5	10	19	20	2.50
DD012477		0.22	0.001	<0.2	1.35	3	<10	110	<0.5	<2	0.55	<0.5	7	11	25	1.58
DD012478		0.30	0.001	0.2	1.89	5	<10	170	<0.5	<2	0.43	<0.5	9	20	18	2.38
DD012479		0.30	0.006	0.3	2.32	9	<10	190	<0.5	2	0.50	<0.5	15	25	23	3.40
DD012480		0.30	0.003	<0.2	2.40	7	<10	220	<0.5	<2	0.39	<0.5	10	27	22	2.93
DD012491		0.26	0.006	0.2	1.86	4	<10	150	<0.5	<2	0.29	<0.5	11	24	20	2.19
DD012492		0.18	0.002	0.3	2.15	9	<10	220	0.6	<2	0.64	<0.5	14	20	46	2.94
DD012493		0.20	0.002	0.3	1.82	7	<10	140	0.5	<2	0.47	<0.5	9	17	47	2.48
DD012494		0.24	0.001	0.2	1.71	39	<10	120	0.5	<2	0.22	<0.5	8	14	16	2.45
DD012495		0.24	<0.001	0.3	2.93	3	<10	400	1.0	2	0.73	<0.5	11	5	24	2.38
DD012496		0.26	0.003	0.3	1.96	5	<10	190	0.7	<2	0.39	<0.5	10	17	14	2.51
DD012497		0.26	<0.001	<0.2	1.57	7	<10	320	0.6	<2	0.32	<0.5	8	14	9	2.22
DD012498		0.28	0.004	0.3	1.67	8	<10	140	<0.5	<2	0.78	<0.5	9	20	20	2.44
DD012499		0.30	0.001	0.3	1.38	4	<10	100	<0.5	<2	0.44	<0.5	9	21	16	2.33
DD012500		0.30	0.002	<0.2	1.67	5	<10	140	0.5	<2	0.44	<0.5	9	23	17	2.34
ZZ28661		0.26	0.012	0.8	1.27	24	<10	260	<0.5	<2	0.42	1.2	8	16	27	1.44
ZZ28662		0.22	0.011	0.6	1.81	30	<10	360	0.6	<2	0.50	0.8	9	23	31	2.57
ZZ28663		0.22	0.011	0.6	1.57	22	<10	330	<0.5	2	0.40	1.2	7	17	25	1.73
ZZ28664		0.28	0.005	0.4	1.11	10	<10	240	<0.5	<2	0.35	0.5	6	13	12	1.54
ZZ28665		0.18	0.013	0.8	1.86	28	<10	560	0.5	<2	0.51	1.8	11	23	31	1.68
ZZ28666		0.22	0.017	0.7	1.74	20	<10	430	<0.5	<2	0.47	1.3	10	22	27	1.95
ZZ28667		0.20	0.002	0.4	1.65	28	<10	140	0.5	<2	0.30	0.5	9	18	20	2.44
ZZ28668		0.20	0.006	0.4	1.23	14	<10	270	<0.5	<2	0.47	0.8	8	20	19	2.00
ZZ28669		0.22	0.003	0.2	1.40	8	<10	210	<0.5	<2	0.39	<0.5	6	20	18	1.92
ZZ28670		0.32	0.006	0.2	1.91	14	<10	260	0.6	<2	0.47	<0.5	9	29	17	2.78

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VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012465		<10	<1	0.09	20	0.55	247	<1	0.02	12	360	13	0.05	<2	5	25
DD012466		10	<1	0.11	10	0.58	362	<1	0.03	12	580	12	0.05	<2	5	29
DD012467		<10	1	0.08	10	0.57	238	<1	0.03	11	490	11	0.04	<2	4	23
DD012468		<10	<1	0.09	10	0.56	215	<1	0.03	11	450	10	0.03	<2	4	24
DD012469		<10	<1	0.09	10	0.43	214	<1	0.02	9	540	11	0.03	<2	4	20
DD012470		<10	<1	0.09	10	0.45	235	<1	0.03	9	520	10	0.02	<2	3	23
DD012471		<10	<1	0.11	10	0.44	216	<1	0.03	10	550	12	0.03	<2	4	21
DD012472		<10	1	0.11	10	0.52	303	1	0.03	12	710	18	0.04	2	5	21
DD012473		<10	<1	0.09	10	0.44	202	<1	0.03	7	610	13	0.05	<2	3	22
DD012474		<10	1	0.07	10	0.48	199	<1	0.03	9	620	9	0.21	<2	4	22
DD012475		<10	<1	0.10	10	0.60	232	<1	0.04	12	700	10	0.34	<2	5	28
DD012476		<10	1	0.09	10	0.55	425	<1	0.04	9	600	9	0.23	<2	5	30
DD012477		<10	<1	0.07	10	0.30	265	<1	0.05	6	630	8	0.13	<2	2	33
DD012478		<10	<1	0.12	10	0.57	379	<1	0.05	11	560	9	0.05	<2	4	35
DD012479		10	<1	0.16	10	0.76	778	<1	0.06	12	690	12	0.05	<2	6	40
DD012480		10	1	0.16	20	0.75	343	<1	0.06	13	410	10	0.03	2	6	38
DD012491		<10	<1	0.07	10	0.50	447	<1	0.03	12	610	13	0.04	3	4	22
DD012492		10	<1	0.10	20	0.65	990	1	0.05	10	970	20	0.08	4	5	49
DD012493		10	<1	0.08	10	0.52	606	1	0.04	10	730	29	0.06	<2	3	33
DD012494		<10	<1	0.14	10	0.42	581	<1	0.03	8	510	21	0.04	5	3	19
DD012495		10	<1	0.47	20	1.06	1675	<1	0.03	3	330	44	0.03	2	5	46
DD012496		<10	1	0.11	10	0.51	682	<1	0.03	9	580	24	0.04	2	3	28
DD012497		<10	<1	0.17	10	0.48	721	<1	0.03	7	310	18	0.03	<2	3	26
DD012498		<10	1	0.11	10	0.49	605	<1	0.03	11	810	14	0.08	<2	3	40
DD012499		<10	1	0.11	10	0.48	491	<1	0.03	10	590	17	0.06	<2	3	26
DD012500		<10	1	0.11	20	0.51	491	<1	0.03	12	620	16	0.06	<2	3	32
ZZ28661		<10	<1	0.08	20	0.35	193	1	0.03	9	730	45	0.04	2	5	40
ZZ28662		<10	<1	0.08	20	0.47	319	2	0.03	12	790	43	0.04	3	6	55
ZZ28663		<10	1	0.06	20	0.37	243	<1	0.03	9	630	49	0.06	2	5	37
ZZ28664		<10	<1	0.05	10	0.28	227	<1	0.03	6	620	36	0.03	<2	3	30
ZZ28665		<10	1	0.08	20	0.43	335	1	0.03	14	680	52	0.11	<2	6	55
ZZ28666		<10	<1	0.07	20	0.42	683	1	0.04	10	730	46	0.06	<2	6	50
ZZ28667		<10	1	0.07	10	0.39	721	1	0.02	9	800	55	0.03	5	3	25
ZZ28668		<10	<1	0.05	20	0.39	337	1	0.02	12	850	25	0.03	<2	4	38
ZZ28669		<10	<1	0.05	10	0.39	151	<1	0.02	10	710	19	0.03	2	4	36
ZZ28670		<10	1	0.05	20	0.55	605	1	0.02	13	1000	17	0.03	<2	5	42

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Finalized Date: 16- OCT- 2011
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CERTIFICATE OF ANALYSIS WH11177070

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012465		<20	0.11	<10	<10	58	<10	50
DD012466		<20	0.11	<10	<10	62	<10	61
DD012467		<20	0.10	<10	<10	53	<10	57
DD012468		<20	0.10	<10	<10	57	<10	52
DD012469		<20	0.08	<10	<10	53	<10	49
DD012470		<20	0.08	<10	<10	42	<10	52
DD012471		<20	0.08	<10	<10	43	<10	51
DD012472		<20	0.07	<10	<10	55	<10	69
DD012473		<20	0.06	<10	<10	44	<10	50
DD012474		<20	0.06	<10	<10	41	<10	46
DD012475		<20	0.11	<10	<10	51	<10	51
DD012476		<20	0.09	<10	<10	56	<10	61
DD012477		<20	0.06	<10	<10	37	<10	35
DD012478		<20	0.10	<10	<10	55	<10	50
DD012479		<20	0.12	<10	<10	73	<10	64
DD012480		<20	0.13	<10	<10	65	<10	56
DD012491		<20	0.07	<10	<10	45	<10	53
DD012492		<20	0.07	<10	<10	62	<10	83
DD012493		<20	0.04	<10	<10	53	<10	71
DD012494		<20	0.05	<10	<10	47	<10	70
DD012495		<20	0.02	<10	<10	51	<10	102
DD012496		<20	0.06	<10	<10	54	<10	65
DD012497		<20	0.05	<10	<10	42	<10	51
DD012498		<20	0.05	<10	<10	51	<10	73
DD012499		<20	0.05	<10	<10	50	<10	80
DD012500		<20	0.07	<10	<10	47	<10	70
ZZ28661		<20	0.06	<10	<10	41	<10	133
ZZ28662		<20	0.07	<10	<10	50	<10	147
ZZ28663		<20	0.05	<10	<10	38	<10	155
ZZ28664		<20	0.05	<10	<10	30	<10	100
ZZ28665		<20	0.05	<10	<10	47	<10	196
ZZ28666		<20	0.06	<10	<10	46	<10	162
ZZ28667		<20	0.03	<10	<10	47	<10	100
ZZ28668		<20	0.05	<10	<10	45	<10	103
ZZ28669		<20	0.05	<10	<10	49	<10	79
ZZ28670		<20	0.05	<10	<10	60	<10	90

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CERTIFICATE WH11177071

Project: Klaza

P.O. No.:

This report is for 62 Soil samples submitted to our lab in Whitehorse, YT, Canada on 28- AUG- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11177071

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28971		0.30	0.003	<0.2	1.25	3	<10	640	<0.5	<2	1.00	<0.5	6	23	20	1.80
ZZ28972		0.30	0.011	<0.2	1.96	7	<10	260	0.5	<2	0.55	<0.5	10	29	18	2.98
ZZ28973		0.42	0.003	<0.2	1.84	3	<10	220	<0.5	<2	0.47	<0.5	6	26	14	1.95
ZZ28974		0.18	0.002	<0.2	1.65	4	<10	330	0.5	<2	0.62	0.6	6	21	23	1.77
ZZ28975		0.30	0.004	0.2	1.33	7	<10	230	<0.5	<2	0.53	<0.5	6	19	21	1.69
ZZ28976		0.36	0.006	0.3	0.97	12	<10	200	<0.5	<2	0.39	<0.5	4	13	15	1.43
ZZ28977		0.28	0.014	0.8	1.63	53	<10	590	0.6	<2	0.57	1.8	10	22	37	3.92
ZZ28978		0.26	0.008	0.6	1.24	22	<10	360	<0.5	<2	0.43	1.0	6	17	23	1.90
ZZ28979		0.26	0.002	0.3	1.57	13	<10	340	0.5	<2	0.45	0.6	7	18	26	1.96
ZZ28980		0.34	0.003	0.4	1.48	14	<10	270	<0.5	<2	0.49	<0.5	7	20	14	2.03
ZZ28721		0.24	0.003	0.5	1.26	12	<10	220	0.5	<2	0.41	<0.5	6	15	21	1.89
ZZ28722		0.18	0.005	0.3	1.09	17	<10	170	<0.5	<2	0.36	<0.5	3	13	14	1.41
ZZ28723		0.32	0.005	0.5	1.40	20	<10	280	<0.5	<2	0.53	<0.5	8	20	25	2.27
ZZ28724		0.26	0.020	1.1	1.80	62	<10	290	0.6	<2	0.76	<0.5	8	26	30	3.15
ZZ28725		0.28	0.029	0.6	1.69	40	<10	300	0.5	<2	0.54	<0.5	8	26	27	2.92
ZZ28726		0.44	0.012	1.0	1.54	37	<10	230	0.5	<2	0.43	<0.5	8	24	23	2.43
ZZ28727		0.30	0.009	0.3	1.71	14	<10	220	<0.5	<2	0.45	<0.5	7	25	19	2.23
ZZ28728		0.32	0.002	0.2	1.39	8	<10	260	<0.5	<2	0.43	<0.5	8	19	19	2.57
ZZ28729		0.26	0.003	0.8	1.39	4	<10	370	<0.5	<2	0.63	<0.5	3	12	27	1.49
ZZ28730		0.36	0.002	<0.2	1.75	11	<10	300	<0.5	<2	0.43	<0.5	8	25	19	2.89
ZZ28991		0.26	0.009	0.3	1.46	13	<10	280	<0.5	<2	0.55	<0.5	7	22	18	2.25
ZZ28992		0.18	0.005	0.4	2.01	16	<10	480	0.8	<2	0.65	0.9	11	30	29	2.86
ZZ28993		0.30	0.012	0.2	1.13	11	<10	210	<0.5	<2	0.40	<0.5	6	17	14	2.04
ZZ28994		0.32	0.004	0.2	1.45	13	<10	420	<0.5	<2	0.38	<0.5	6	22	27	2.20
ZZ28995		0.28	0.003	<0.2	1.40	10	<10	380	0.5	<2	0.45	<0.5	10	22	18	2.90
ZZ28996		0.42	0.001	<0.2	1.45	9	<10	340	0.5	<2	0.48	<0.5	8	19	14	2.98
ZZ28997		0.44	0.001	<0.2	1.33	15	<10	480	0.6	<2	0.41	<0.5	9	19	16	3.31
ZZ28998		0.28	0.003	<0.2	1.62	8	<10	530	0.6	<2	0.72	<0.5	8	21	19	2.61
ZZ28999		0.36	0.001	<0.2	1.48	6	<10	350	<0.5	<2	0.62	<0.5	7	22	17	2.26
ZZ29000		0.32	<0.001	<0.2	1.51	9	<10	320	<0.5	<2	0.50	<0.5	7	21	13	2.64
ZZ28963		0.42	0.002	<0.2	2.33	12	<10	440	0.7	<2	0.31	<0.5	10	31	26	3.04
ZZ28964		0.28	0.002	<0.2	1.15	10	<10	210	<0.5	<2	0.16	<0.5	5	17	15	2.49
ZZ28965		0.30	0.001	<0.2	2.20	13	<10	280	0.5	<2	0.21	<0.5	11	26	18	3.33
ZZ28966		0.48	0.003	0.3	2.33	11	<10	920	1.1	<2	0.72	<0.5	9	18	25	3.69
ZZ28967		0.40	0.002	0.2	1.57	8	<10	570	0.7	<2	0.71	<0.5	9	22	25	2.93
ZZ28968		0.44	0.002	<0.2	1.57	12	<10	510	0.6	<2	0.48	<0.5	9	24	22	3.07
ZZ28969		0.18	0.005	0.2	1.45	8	<10	910	0.8	<2	1.34	<0.5	9	23	29	2.57
ZZ28970		0.46	0.003	<0.2	1.68	10	<10	530	0.8	<2	0.71	<0.5	10	18	21	3.73
ZZ28701		0.24	0.036	0.6	0.94	213	<10	180	0.8	3	0.36	<0.5	9	13	28	3.03
ZZ28702		0.26	0.002	<0.2	2.02	74	<10	100	<0.5	<2	0.22	<0.5	14	31	18	3.57

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177071

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28971		<10	<1	0.06	20	0.37	235	<1	0.02	11	590	9	0.12	<2	5	55
ZZ28972		10	<1	0.05	10	0.51	453	1	0.01	13	980	12	0.03	<2	3	37
ZZ28973		10	<1	0.04	10	0.50	176	1	0.02	11	960	12	0.03	<2	3	35
ZZ28974		<10	<1	0.05	20	0.37	277	<1	0.03	11	840	10	0.12	<2	3	65
ZZ28975		<10	<1	0.06	10	0.39	268	<1	0.03	16	890	22	0.05	<2	3	49
ZZ28976		<10	<1	0.05	10	0.28	171	1	0.02	6	670	25	0.03	<2	3	36
ZZ28977		<10	1	0.09	20	0.45	969	3	0.03	11	890	47	0.03	<2	6	66
ZZ28978		<10	<1	0.06	20	0.35	421	1	0.03	8	640	36	0.03	2	5	37
ZZ28979		<10	<1	0.07	20	0.43	261	1	0.03	8	680	33	0.06	2	4	43
ZZ28980		<10	<1	0.07	10	0.47	485	1	0.02	8	670	36	0.02	<2	4	41
ZZ28721		<10	<1	0.05	20	0.28	411	1	0.03	8	680	14	0.04	<2	3	32
ZZ28722		<10	<1	0.04	10	0.27	170	1	0.03	6	640	10	0.04	<2	2	28
ZZ28723		<10	<1	0.07	10	0.36	411	1	0.03	10	780	17	0.05	<2	4	36
ZZ28724		10	1	0.11	10	0.48	422	8	0.03	10	750	26	0.05	2	6	40
ZZ28725		<10	<1	0.10	10	0.46	675	9	0.03	12	730	25	0.04	3	5	34
ZZ28726		<10	<1	0.09	10	0.51	527	3	0.03	12	560	37	0.02	3	5	31
ZZ28727		10	1	0.08	10	0.50	222	1	0.03	10	620	17	0.03	3	5	40
ZZ28728		<10	<1	0.08	10	0.59	398	1	0.03	9	380	13	0.02	<2	5	37
ZZ28729		<10	<1	0.08	10	0.21	161	<1	0.04	8	710	15	0.06	<2	4	55
ZZ28730		10	<1	0.10	10	0.55	411	1	0.03	12	470	17	0.02	<2	5	39
ZZ28991		<10	<1	0.05	10	0.44	498	1	0.03	10	820	22	0.04	<2	4	53
ZZ28992		10	<1	0.06	30	0.54	925	1	0.03	15	970	33	0.06	<2	6	71
ZZ28993		<10	<1	0.05	10	0.37	291	<1	0.02	8	830	21	0.02	<2	3	29
ZZ28994		10	<1	0.05	20	0.37	183	<1	0.03	8	640	14	0.07	<2	5	25
ZZ28995		<10	<1	0.08	20	0.56	268	<1	0.03	11	670	13	0.02	2	6	26
ZZ28996		10	<1	0.08	20	0.55	248	<1	0.03	7	630	14	0.02	2	7	24
ZZ28997		<10	<1	0.09	20	0.47	238	<1	0.03	9	650	16	0.01	2	6	21
ZZ28998		10	<1	0.09	30	0.48	347	<1	0.03	11	520	13	0.03	<2	8	34
ZZ28999		10	<1	0.07	10	0.47	306	<1	0.03	11	580	10	0.03	<2	4	34
ZZ29000		<10	<1	0.08	10	0.58	419	<1	0.03	10	570	13	0.01	3	5	28
ZZ28963		10	<1	0.10	30	0.55	319	<1	0.03	17	350	14	0.01	<2	7	24
ZZ28964		10	<1	0.06	10	0.22	465	1	0.02	5	370	18	0.01	<2	3	19
ZZ28965		10	<1	0.11	10	0.47	501	1	0.03	13	490	16	0.01	2	5	22
ZZ28966		10	1	0.20	90	0.44	687	1	0.04	8	630	22	0.03	<2	21	54
ZZ28967		10	<1	0.12	30	0.42	527	1	0.03	11	560	15	0.02	2	7	49
ZZ28968		10	<1	0.12	10	0.49	681	1	0.03	12	430	80	0.01	5	6	34
ZZ28969		<10	<1	0.11	20	0.42	351	1	0.04	15	740	18	0.10	<2	7	80
ZZ28970		10	<1	0.20	20	0.62	707	1	0.03	7	780	21	0.02	2	9	38
ZZ28701		<10	<1	0.12	20	0.34	645	1	0.02	7	430	42	0.02	9	7	19
ZZ28702		10	<1	0.12	10	0.60	980	1	0.02	13	350	26	0.02	2	5	17

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11177071

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28971		<20	0.05	<10	<10	48	<10	54
ZZ28972		<20	0.05	<10	<10	64	<10	72
ZZ28973		<20	0.05	<10	<10	64	<10	59
ZZ28974		<20	0.03	<10	<10	46	<10	94
ZZ28975		<20	0.04	<10	<10	37	<10	93
ZZ28976		<20	0.04	<10	<10	33	<10	77
ZZ28977		<20	0.05	<10	10	53	<10	149
ZZ28978		<20	0.05	<10	<10	42	<10	116
ZZ28979		<20	0.05	<10	10	41	<10	96
ZZ28980		<20	0.06	<10	<10	46	<10	93
ZZ28721		<20	0.04	<10	<10	40	<10	53
ZZ28722		<20	0.04	<10	<10	30	<10	42
ZZ28723		<20	0.05	<10	<10	46	<10	55
ZZ28724		<20	0.04	<10	10	58	<10	78
ZZ28725		<20	0.06	<10	10	51	<10	90
ZZ28726		<20	0.06	<10	<10	52	<10	85
ZZ28727		<20	0.06	<10	<10	52	<10	59
ZZ28728		<20	0.08	<10	<10	56	<10	63
ZZ28729		<20	0.03	<10	<10	30	<10	53
ZZ28730		<20	0.07	<10	<10	57	<10	68
ZZ28991		<20	0.05	<10	10	51	<10	77
ZZ28992		<20	0.05	<10	10	62	<10	95
ZZ28993		<20	0.04	<10	<10	43	<10	58
ZZ28994		<20	0.05	<10	<10	57	<10	80
ZZ28995		<20	0.07	<10	<10	57	<10	67
ZZ28996		<20	0.05	<10	<10	60	<10	68
ZZ28997		<20	0.05	<10	<10	58	<10	64
ZZ28998		<20	0.05	<10	<10	53	<10	66
ZZ28999		<20	0.06	<10	<10	52	<10	58
ZZ29000		<20	0.06	<10	<10	55	<10	60
ZZ28963		<20	0.07	<10	<10	64	<10	50
ZZ28964		<20	0.07	<10	<10	62	<10	44
ZZ28965		<20	0.07	<10	<10	69	<10	60
ZZ28966		20	0.01	<10	<10	59	<10	77
ZZ28967		<20	0.05	<10	<10	58	<10	60
ZZ28968		<20	0.07	<10	<10	61	<10	114
ZZ28969		<20	0.05	<10	10	55	<10	68
ZZ28970		<20	0.09	<10	<10	70	<10	88
ZZ28701		<20	0.04	<10	<10	42	<10	69
ZZ28702		<20	0.06	<10	<10	80	<10	77

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CERTIFICATE OF ANALYSIS WH11177071

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ28703		0.32	0.001	<0.2	1.96	8	<10	220	0.5	<2	0.39	<0.5	10	23	27	3.24
ZZ28704		0.24	0.002	0.2	0.95	<2	<10	50	<0.5	<2	0.17	<0.5	3	13	11	1.50
ZZ28705		0.26	0.003	0.4	1.73	10	<10	90	<0.5	<2	0.22	<0.5	7	21	20	2.74
ZZ28706		0.30	0.002	0.5	1.88	13	<10	290	0.7	2	0.66	<0.5	8	22	41	2.82
ZZ28731		0.28	0.002	<0.2	1.29	6	<10	240	<0.5	<2	0.40	<0.5	7	16	11	2.48
ZZ28732		0.38	0.003	<0.2	2.13	6	<10	320	0.5	<2	0.46	<0.5	6	25	21	2.62
ZZ28733		0.28	0.001	<0.2	1.43	2	<10	280	<0.5	<2	0.40	<0.5	6	16	18	2.37
ZZ28734		0.30	0.004	0.2	1.29	2	<10	410	<0.5	<2	0.80	<0.5	7	17	20	2.11
ZZ28989		0.30	0.003	<0.2	1.03	<2	<10	210	<0.5	<2	0.37	<0.5	4	15	10	1.46
ZZ28990		0.22	0.001	<0.2	1.54	2	<10	350	0.5	<2	0.53	<0.5	7	20	20	1.91
ZZ28708		0.24	0.002	<0.2	1.35	8	<10	130	<0.5	<2	0.44	<0.5	6	16	20	2.19
ZZ28709		0.28	0.001	<0.2	1.80	5	<10	80	<0.5	<2	0.21	<0.5	8	20	15	2.66
ZZ28710		0.22	<0.001	<0.2	1.55	5	<10	180	0.5	<2	0.75	<0.5	8	18	17	2.54
ZZ28675		0.26	0.008	<0.2	1.86	2	<10	470	0.5	<2	0.83	<0.5	9	29	13	2.14
ZZ28676		0.20	0.004	<0.2	1.21	2	<10	690	0.5	<2	0.79	<0.5	6	23	18	1.99
ZZ28677		0.26	0.003	0.2	1.75	4	<10	660	0.9	<2	0.66	<0.5	7	22	27	2.13
ZZ28678		0.22	0.006	0.2	2.06	4	<10	800	1.2	<2	1.31	<0.5	6	17	36	2.31
ZZ28679		0.32	0.001	<0.2	1.62	7	<10	240	<0.5	2	0.38	<0.5	6	26	24	2.72
ZZ28680		0.26	0.002	<0.2	2.02	9	<10	190	0.5	<2	0.30	<0.5	8	28	15	2.98
ZZ28671		0.44	0.003	<0.2	1.30	<2	<10	230	<0.5	<2	0.54	<0.5	6	19	10	1.54
ZZ28672		0.32	0.003	<0.2	1.26	10	<10	200	<0.5	<2	0.46	<0.5	7	19	8	2.14
ZZ28673		0.28	0.005	<0.2	1.73	2	<10	420	0.6	<2	0.66	<0.5	8	27	15	2.08

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28703		10	<1	0.15	10	0.64	639	1	0.03	18	340	18	0.02	2	6	25
ZZ28704		10	<1	0.05	10	0.19	125	<1	0.01	6	290	11	0.02	<2	2	14
ZZ28705		10	<1	0.06	10	0.36	308	1	0.02	11	350	29	0.03	2	3	19
ZZ28706		10	<1	0.07	30	0.43	722	1	0.03	11	1150	13	0.07	<2	4	35
ZZ28731		<10	<1	0.09	10	0.50	584	1	0.02	7	610	10	0.02	<2	4	28
ZZ28732		10	<1	0.12	20	0.54	213	1	0.02	12	560	13	0.03	<2	8	31
ZZ28733		<10	<1	0.10	10	0.53	315	<1	0.02	8	500	6	0.02	<2	6	26
ZZ28734		<10	<1	0.08	10	0.41	448	<1	0.03	9	630	8	0.05	<2	3	61
ZZ28989		<10	<1	0.04	10	0.28	224	<1	0.02	7	720	6	0.02	<2	3	32
ZZ28990		<10	<1	0.07	20	0.33	899	1	0.02	10	920	8	0.05	<2	3	59
ZZ28708		<10	<1	0.09	10	0.48	365	<1	0.04	16	380	9	0.02	<2	3	29
ZZ28709		10	<1	0.08	10	0.41	425	<1	0.02	11	360	10	0.02	<2	3	17
ZZ28710		<10	<1	0.10	20	0.50	606	<1	0.03	10	610	8	0.06	2	4	38
ZZ28675		10	1	0.06	10	0.56	265	<1	0.02	14	1120	15	0.05	<2	5	50
ZZ28676		<10	1	0.07	20	0.35	157	<1	0.02	10	660	8	0.11	<2	5	45
ZZ28677		<10	1	0.14	50	0.45	377	<1	0.02	10	550	14	0.09	<2	12	36
ZZ28678		<10	1	0.13	60	0.32	270	<1	0.03	11	950	9	0.08	<2	11	71
ZZ28679		10	1	0.09	20	0.44	324	<1	0.02	12	400	9	0.01	<2	4	26
ZZ28680		10	<1	0.10	10	0.47	375	<1	0.02	16	450	11	0.01	<2	4	25
ZZ28671		<10	<1	0.04	10	0.38	147	<1	0.02	9	940	10	0.03	<2	3	37
ZZ28672		<10	<1	0.05	10	0.40	249	<1	0.02	10	1020	11	0.02	<2	3	29
ZZ28673		10	<1	0.05	20	0.53	233	<1	0.02	11	940	14	0.05	<2	6	42

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Finalized Date: 10- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11177071

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28703		<20	0.08	<10	<10	64	<10	84
ZZ28704		<20	0.07	<10	<10	43	<10	25
ZZ28705		<20	0.07	<10	<10	64	<10	57
ZZ28706		<20	0.05	<10	<10	60	<10	62
ZZ28731		<20	0.08	<10	<10	63	<10	61
ZZ28732		<20	0.07	<10	<10	67	<10	57
ZZ28733		<20	0.06	<10	<10	52	<10	49
ZZ28734		<20	0.07	<10	<10	49	<10	67
ZZ28989		<20	0.04	<10	<10	31	<10	48
ZZ28990		<20	0.03	<10	10	38	<10	72
ZZ28708		<20	0.08	<10	<10	50	<10	49
ZZ28709		<20	0.08	<10	<10	60	<10	47
ZZ28710		<20	0.07	<10	<10	55	<10	61
ZZ28675		<20	0.05	<10	<10	60	<10	101
ZZ28676		<20	0.06	<10	10	50	<10	52
ZZ28677		<20	0.05	<10	<10	70	<10	56
ZZ28678		<20	0.02	<10	<10	46	<10	47
ZZ28679		<20	0.09	<10	<10	62	<10	45
ZZ28680		<20	0.08	<10	<10	62	<10	51
ZZ28671		<20	0.04	<10	<10	41	<10	54
ZZ28672		<20	0.05	<10	<10	46	<10	64
ZZ28673		<20	0.06	<10	<10	62	<10	92

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11177095

Project: Klaza DDH- 43

P.O. No.: Batch 5

This report is for 8 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 43

CERTIFICATE OF ANALYSIS WH11177095

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269110		5.75	0.450	4.4	0.42	999	<10	30	0.5	<2	1.66	12.3	7	3	12	2.98
K269111		7.10	0.016	0.5	0.62	29	<10	290	0.5	<2	2.11	1.2	7	5	25	2.51
K269112		4.73	0.051	17.9	0.41	87	<10	20	<0.5	4	2.41	3.7	6	3	30	3.99
K269113		7.83	0.011	0.6	0.46	19	<10	50	0.6	2	2.22	0.8	7	4	8	2.86
K269114		3.40	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.1	<0.5	2	1	2	0.47
K269115		12.92	<0.005	<0.2	1.04	3	<10	280	<0.5	2	1.41	<0.5	8	11	12	2.76
K269116		9.80	<0.005	<0.2	1.12	5	<10	220	<0.5	2	1.10	<0.5	8	10	11	2.61
K269117		6.31	<0.005	<0.2	1.21	9	<10	250	<0.5	<2	1.09	<0.5	9	11	22	2.73

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 43

CERTIFICATE OF ANALYSIS WH11177095

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269110		<10	<1	0.30	10	0.50	2230	3	0.01	1	520	1690	2.30	17	3	80
K269111		<10	<1	0.26	20	0.56	924	1	0.03	1	520	74	0.77	3	5	142
K269112		<10	<1	0.28	10	0.69	1280	1	0.01	<1	480	5790	4.08	21	2	108
K269113		<10	<1	0.26	20	0.62	796	1	0.02	1	540	63	2.35	3	3	104
K269114		<10	1	0.02	<10	12.45	217	<1	0.03	2	190	2	0.07	2	<1	51
K269115		10	<1	0.15	20	0.71	468	1	0.09	1	580	14	0.55	<2	5	70
K269116		10	1	0.14	10	0.67	428	1	0.09	2	590	13	0.34	<2	4	61
K269117		10	<1	0.16	10	0.71	482	1	0.09	3	640	11	0.31	<2	4	63

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 43

CERTIFICATE OF ANALYSIS WH11177095

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269110		<20	<0.01	<10	<10	6	<10	915	3
K269111		<20	0.01	<10	<10	24	<10	116	<1
K269112		<20	<0.01	<10	<10	5	<10	261	17
K269113		<20	<0.01	<10	<10	11	<10	83	<1
K269114		<20	<0.01	<10	<10	2	<10	15	<1
K269115		20	0.09	<10	<10	49	<10	41	<1
K269116		20	0.12	<10	<10	51	<10	40	<1
K269117		<20	0.13	<10	<10	55	<10	43	<1

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Finalized Date: 28- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177096

Project: Klaza DDH- 49

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11177096

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863526		6.95	<0.005	<0.2	1.29	5	<10	360	<0.5	<2	1.42	<0.5	6	9	7	2.68
K863527		5.63	<0.005	<0.2	1.11	7	<10	470	<0.5	<2	1.41	<0.5	6	8	6	2.56
K863528		4.13	<0.005	<0.2	1.08	4	<10	450	<0.5	<2	1.54	<0.5	7	9	8	2.65
K863529		0.09	1.130	30.8	4.80	154	<10	40	<0.5	9	4.51	32.7	86	56	7040	8.33
K863530		3.68	<0.005	<0.2	0.87	5	<10	2090	0.6	<2	3.31	<0.5	7	5	19	2.97
K863531		5.24	<0.005	<0.2	1.56	4	<10	490	0.7	<2	2.12	<0.5	8	8	7	3.16
K863532		6.77	<0.005	<0.2	1.27	5	<10	500	0.5	<2	1.37	<0.5	7	8	7	2.70
K863533		8.25	<0.005	<0.2	1.35	3	<10	540	<0.5	<2	1.32	<0.5	6	9	7	2.70
K863534		7.19	<0.005	<0.2	1.35	3	<10	590	<0.5	<2	1.20	<0.5	6	10	6	2.68
K863535		5.22	<0.005	<0.2	1.32	3	<10	610	<0.5	<2	1.32	<0.5	6	11	8	2.90
K863536		1.32	<0.005	<0.2	0.03	2	<10	10	<0.5	<2	19.3	<0.5	1	1	5	0.46
K863537		7.40	<0.005	0.2	1.33	5	<10	660	<0.5	<2	1.18	<0.5	6	10	8	2.59
K863538		4.59	<0.005	0.2	1.28	5	<10	500	<0.5	<2	1.38	0.7	7	9	8	2.68
K863539		2.39	<0.005	0.2	1.28	4	<10	540	<0.5	<2	1.21	<0.5	7	8	9	2.73
K863540		4.83	<0.005	0.3	0.74	4	<10	830	0.5	<2	3.70	0.5	7	5	12	2.92
K863541		7.20	<0.005	0.7	1.17	6	<10	400	<0.5	<2	1.55	1.7	7	9	28	2.80
K863542		4.57	<0.005	0.2	1.09	3	<10	410	<0.5	<2	1.72	<0.5	6	8	11	2.60
K863543		5.64	<0.005	0.6	0.63	11	<10	1150	0.7	<2	3.00	1.2	7	4	20	2.68
K863544		4.91	<0.005	0.8	0.60	29	<10	690	0.7	<2	3.65	1.1	6	4	23	2.54
K863545		2.47	<0.005	0.8	0.74	18	<10	770	0.6	<2	2.98	2.8	7	4	18	2.87
K863546		4.48	<0.005	0.5	0.59	7	<10	1090	0.5	2	3.74	1.4	6	3	10	2.64
K863547		3.98	<0.005	0.6	0.70	5	<10	1300	0.6	<2	2.40	1.2	5	4	9	2.51
K863548		Not Recvd														
K863549		6.19	<0.005	0.2	0.79	3	<10	440	0.5	<2	1.70	<0.5	6	7	7	2.48
K863550		4.42	<0.005	0.2	0.85	5	<10	700	0.6	<2	2.11	<0.5	6	6	5	2.54
K972251		6.11	<0.005	0.2	0.84	8	<10	790	0.7	<2	2.32	<0.5	6	6	5	2.55
K972252		1.55	<0.005	0.2	0.90	3	<10	280	0.6	<2	2.14	0.8	6	5	3	2.61
K972253		3.62	<0.005	<0.2	0.67	11	<10	2090	0.8	<2	3.14	<0.5	6	3	1	2.51
K972254		1.26	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	17.8	<0.5	1	<1	1	0.42
K972255		4.87	<0.005	<0.2	0.83	4	<10	970	0.7	<2	2.73	<0.5	5	5	2	2.29
K972256		5.32	<0.005	<0.2	0.74	6	<10	940	0.8	<2	2.70	<0.5	5	6	4	2.49
K972257		3.22	<0.005	0.6	0.61	26	<10	590	1.0	<2	1.76	0.9	5	2	3	2.06
K972258		3.91	<0.005	0.6	0.61	17	<10	230	1.1	<2	1.83	0.6	6	2	6	2.00
K972259		6.32	<0.005	0.3	0.68	17	<10	120	0.9	2	0.36	<0.5	<1	1	1	0.39
K972260		3.36	<0.005	<0.2	0.64	24	<10	140	1.0	2	0.35	<0.5	<1	1	1	0.37
K972261		6.56	0.008	1.1	0.56	38	<10	150	0.9	<2	2.76	2.4	6	2	8	2.16

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Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11177096

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863526		<10	<1	0.23	20	0.73	512	1	0.08	2	600	6	0.01	<2	5	72
K863527		<10	<1	0.28	20	0.66	477	<1	0.09	3	560	6	0.02	<2	6	76
K863528		<10	<1	0.28	20	0.61	506	1	0.08	3	620	5	0.01	<2	6	90
K863529		10	1	0.23	10	1.12	610	47	0.31	312	680	8410	7.43	30	4	76
K863530		<10	<1	0.26	20	0.95	876	1	0.04	3	640	12	0.07	<2	8	159
K863531		<10	<1	0.33	30	0.81	663	<1	0.05	4	650	10	0.02	3	9	154
K863532		<10	<1	0.34	20	0.67	558	1	0.08	2	590	8	0.02	<2	7	93
K863533		<10	<1	0.33	20	0.71	493	<1	0.10	3	600	6	0.01	<2	6	78
K863534		<10	<1	0.37	20	0.69	620	<1	0.12	2	620	8	0.01	<2	5	66
K863535		<10	<1	0.37	20	0.71	558	<1	0.12	3	600	8	0.01	<2	7	90
K863536		<10	<1	0.02	<10	11.80	204	<1	0.01	4	150	2	0.02	<2	<1	49
K863537		<10	<1	0.41	20	0.71	497	7	0.12	1	600	17	0.02	<2	5	79
K863538		<10	<1	0.32	20	0.71	605	1	0.10	1	600	42	0.02	<2	6	95
K863539		<10	<1	0.34	20	0.68	586	1	0.10	1	610	29	0.02	<2	6	88
K863540		<10	<1	0.23	20	1.14	1040	<1	0.04	1	580	33	0.06	3	7	182
K863541		<10	<1	0.25	20	0.73	700	1	0.08	1	610	95	0.11	<2	7	107
K863542		<10	<1	0.24	20	0.70	603	1	0.08	1	590	31	0.02	<2	6	97
K863543		<10	<1	0.35	20	0.86	999	1	0.02	<1	590	59	0.15	7	8	183
K863544		<10	<1	0.33	20	1.05	1840	<1	0.01	1	580	58	0.16	10	7	179
K863545		<10	<1	0.27	20	0.89	1250	1	0.02	1	580	107	0.09	5	8	193
K863546		<10	<1	0.35	20	1.06	1640	13	0.01	<1	560	54	0.25	3	5	183
K863547		<10	<1	0.32	20	0.72	726	<1	0.02	1	510	58	0.07	3	6	185
K863548																
K863549		<10	<1	0.29	20	0.61	611	<1	0.06	1	560	16	0.05	2	6	140
K863550		<10	<1	0.26	20	0.73	737	4	0.04	<1	540	35	0.04	<2	7	152
K972251		<10	<1	0.29	20	0.68	810	3	0.02	1	540	20	0.06	2	8	146
K972252		<10	<1	0.27	20	0.70	770	<1	0.02	1	560	38	0.01	<2	8	175
K972253		<10	<1	0.33	20	0.92	1100	<1	0.01	1	590	14	0.13	<2	5	216
K972254		<10	<1	0.02	<10	11.40	209	<1	0.01	<1	220	2	0.01	<2	<1	53
K972255		<10	<1	0.31	20	0.59	829	<1	0.03	1	530	8	0.03	2	7	203
K972256		<10	<1	0.37	20	0.64	1545	<1	0.04	1	580	8	0.05	2	7	185
K972257		<10	<1	0.45	20	0.30	1675	<1	0.01	<1	760	30	0.41	2	3	131
K972258		<10	<1	0.44	20	0.41	2020	2	0.01	1	510	38	0.25	3	4	143
K972259		<10	<1	0.32	<10	0.09	441	<1	<0.01	<1	20	59	0.02	2	2	194
K972260		<10	<1	0.29	<10	0.09	431	<1	<0.01	<1	20	44	0.02	2	2	206
K972261		<10	<1	0.45	20	0.78	3250	2	0.01	1	470	78	0.38	5	4	139

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11177096

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863526		<20	0.10	<10	<10	56	<10	42	<1
K863527		<20	0.07	<10	<10	49	<10	38	<1
K863528		<20	0.06	<10	<10	50	<10	40	<1
K863529		<20	0.06	<10	10	308	20	7800	31
K863530		<20	0.02	<10	<10	42	<10	63	2
K863531		<20	0.06	<10	<10	58	<10	55	<1
K863532		<20	0.09	<10	<10	54	<10	42	<1
K863533		<20	0.14	<10	<10	61	<10	40	<1
K863534		<20	0.17	<10	<10	64	<10	39	<1
K863535		<20	0.13	<10	<10	63	<10	41	1
K863536		<20	<0.01	<10	<10	1	<10	17	<1
K863537		<20	0.16	<10	<10	60	20	45	<1
K863538		<20	0.10	<10	<10	56	<10	93	<1
K863539		<20	0.11	<10	<10	58	<10	79	<1
K863540		<20	0.01	<10	<10	39	<10	89	<1
K863541		<20	0.07	<10	<10	54	<10	178	1
K863542		<20	0.06	<10	<10	49	<10	58	<1
K863543		<20	<0.01	<10	<10	26	<10	120	<1
K863544		<20	<0.01	<10	<10	23	<10	122	1
K863545		<20	<0.01	<10	<10	35	<10	262	<1
K863546		<20	<0.01	<10	<10	20	<10	124	1
K863547		<20	<0.01	<10	<10	24	<10	103	<1
K863548									
K863549		<20	0.02	<10	<10	38	<10	51	<1
K863550		<20	0.02	<10	<10	39	<10	73	1
K972251		<20	0.01	<10	<10	36	<10	65	1
K972252		<20	0.03	<10	<10	41	<10	122	<1
K972253		<20	<0.01	<10	<10	23	<10	72	1
K972254		<20	<0.01	<10	<10	<1	<10	14	<1
K972255		<20	0.01	<10	<10	35	<10	54	<1
K972256		<20	0.01	<10	<10	33	<10	51	<1
K972257		<20	<0.01	<10	<10	8	<10	93	<1
K972258		<20	<0.01	<10	10	10	<10	80	1
K972259		20	<0.01	<10	<10	1	<10	28	<1
K972260		20	<0.01	<10	10	1	<10	22	<1
K972261		<20	<0.01	<10	10	9	<10	254	1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177097

Project: Klaza DDH- 48

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11177097

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828516		4.59	0.005	0.3	1.07	14	<10	200	<0.5	<2	1.46	<0.5	5	11	14	2.64
L828517		13.27	<0.005	0.2	0.97	11	<10	330	<0.5	<2	1.98	<0.5	4	9	12	2.43
L828518		5.35	<0.005	0.5	0.59	22	<10	260	0.5	<2	2.76	1.4	6	11	18	2.56
L828519		5.11	0.526	8.4	0.50	2630	<10	50	<0.5	6	2.74	35.7	4	6	89	4.29
L828520		12.91	<0.005	0.3	0.87	16	<10	500	<0.5	2	2.07	<0.5	4	9	8	2.30
L828521		0.07	1.465	33.8	4.76	145	<10	50	<0.5	6	4.41	31.4	78	52	7280	8.12
L828522		13.08	<0.005	0.2	0.96	10	<10	220	<0.5	<2	1.36	<0.5	5	9	21	2.27
L828523		12.36	0.011	0.5	0.97	122	<10	390	0.5	<2	1.86	2.2	5	8	10	2.42
L828524		11.84	<0.005	0.3	1.05	20	<10	240	0.5	<2	1.90	<0.5	5	7	5	2.49
L828525		10.42	<0.005	0.3	1.27	11	<10	270	0.5	<2	2.24	<0.5	5	10	5	2.38
L828526		0.08	1.510	32.8	4.68	143	<10	40	<0.5	3	4.38	31.5	79	52	7080	8.02
L828527		12.73	<0.005	1.2	1.15	9	<10	280	<0.5	<2	2.21	2.4	4	14	10	2.52
L828528		12.82	<0.005	0.5	1.16	7	<10	520	<0.5	<2	1.97	0.7	4	14	6	2.61
L828529		10.55	0.012	1.5	1.06	34	<10	260	0.5	<2	2.77	7.4	4	17	15	2.83
L828530		2.91	0.011	3.0	0.56	18	<10	530	0.5	<2	2.85	13.7	3	12	26	3.13
L828531		8.76	<0.005	<0.2	1.10	5	<10	150	<0.5	<2	1.31	<0.5	6	11	9	2.48
L828532		1.06	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	18.0	<0.5	1	1	1	0.46
L828533		14.48	<0.005	0.4	1.13	9	<10	270	<0.5	<2	1.94	1.3	4	8	11	2.35
L828534		12.20	<0.005	<0.2	1.31	6	<10	160	<0.5	<2	1.22	<0.5	5	12	8	2.37
L828535		12.03	<0.005	0.6	1.24	10	<10	240	<0.5	<2	1.72	3.5	5	11	16	2.41
L828536		11.04	<0.005	0.2	1.30	8	<10	270	0.5	<2	1.86	0.6	5	8	12	2.52
L828537		8.15	0.006	0.5	0.85	13	<10	120	0.5	<2	1.36	<0.5	5	12	24	2.33
L828538		5.44	0.317	5.7	0.43	26	<10	400	0.5	2	8.1	32.1	6	4	93	3.38
L828539		1.54	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	18.0	<0.5	1	1	1	0.45
L828540		9.83	0.015	1.4	0.79	14	<10	410	0.6	<2	2.09	7.8	6	7	42	2.76
L828541		10.55	<0.005	0.2	0.96	10	<10	160	0.5	<2	2.93	<0.5	5	9	23	2.12
L828542		8.55	0.033	1.4	1.23	11	<10	390	0.5	<2	2.37	1.4	6	8	12	2.70
L828543		4.31	0.049	3.5	0.62	24	<10	420	0.6	<2	2.53	11.0	5	11	58	2.84
L828544		9.03	<0.005	0.4	1.06	15	<10	300	0.5	<2	2.14	0.6	6	23	22	2.70
L828545		3.48	0.010	0.5	1.07	27	<10	300	0.5	<2	2.10	0.9	6	26	28	2.69
L828546		1.84	0.084	9.2	1.16	37	<10	200	<0.5	2	2.27	10.3	7	14	93	2.86
L828547		12.90	<0.005	0.2	1.16	7	<10	180	<0.5	<2	1.26	<0.5	4	14	21	2.43
L828548		11.82	<0.005	0.3	1.24	5	<10	180	<0.5	<2	1.34	<0.5	5	9	45	2.61
L828549		12.90	<0.005	0.7	0.90	14	<10	230	<0.5	<2	1.45	2.8	5	11	24	2.58
L828550		12.24	0.019	0.6	0.90	314	<10	230	0.5	<2	1.78	1.7	5	7	30	2.74
L828551		12.90	<0.005	0.6	0.88	44	<10	260	0.5	<2	1.67	3.8	6	10	13	2.83

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11177097

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828516		<10	<1	0.19	20	0.65	590	1	0.07	1	540	14	0.14	<2	4	51
L828517		<10	<1	0.17	20	0.66	688	1	0.05	1	550	8	0.06	<2	6	85
L828518		<10	<1	0.32	20	0.62	1400	2	0.02	1	560	70	0.28	2	5	95
L828519		<10	<1	0.38	10	0.89	2810	3	0.01	<1	460	788	2.13	18	3	62
L828520		<10	<1	0.17	20	0.62	531	2	0.05	1	560	10	0.12	<2	6	89
L828521		10	1	0.23	<10	1.09	607	48	0.32	300	670	8060	7.14	29	4	79
L828522		<10	<1	0.15	20	0.59	373	2	0.08	2	550	15	0.04	<2	4	51
L828523		<10	<1	0.22	20	0.59	888	2	0.04	1	530	161	0.18	2	6	95
L828524		<10	<1	0.16	20	0.70	559	2	0.05	1	580	23	0.16	<2	6	69
L828525		<10	<1	0.13	20	0.71	645	1	0.04	1	570	30	0.09	2	5	69
L828526		10	1	0.23	<10	1.07	598	46	0.31	304	660	8030	7.04	26	4	78
L828527		<10	<1	0.18	20	0.72	887	2	0.06	4	640	518	0.06	2	6	63
L828528		<10	<1	0.19	40	0.71	731	1	0.06	1	630	200	0.04	<2	6	75
L828529		<10	<1	0.17	20	0.80	770	1	0.04	3	640	732	0.37	<2	8	89
L828530		<10	<1	0.28	20	0.96	1505	2	0.02	1	600	1170	0.35	<2	6	89
L828531		<10	<1	0.13	20	0.64	408	1	0.08	1	580	11	0.05	<2	5	54
L828532		<10	<1	0.03	<10	11.60	213	<1	0.01	1	210	2	0.02	<2	<1	52
L828533		<10	<1	0.18	20	0.64	604	1	0.06	1	560	24	0.08	<2	5	77
L828534		10	<1	0.13	20	0.68	468	1	0.07	1	590	8	0.01	<2	3	46
L828535		<10	<1	0.17	20	0.67	509	2	0.06	1	560	131	0.11	<2	4	75
L828536		<10	<1	0.16	20	0.64	631	1	0.05	1	610	35	0.08	<2	6	102
L828537		<10	<1	0.21	20	0.32	530	3	0.01	2	590	6	0.33	4	6	38
L828538		<10	<1	0.27	10	0.71	2100	4	0.01	1	420	921	0.72	6	4	214
L828539		<10	<1	0.03	<10	11.70	203	<1	0.01	<1	200	<2	0.02	<2	<1	51
L828540		<10	<1	0.21	20	0.51	827	1	0.03	1	570	660	0.32	5	6	93
L828541		<10	<1	0.23	20	0.45	586	2	0.03	1	580	9	0.15	3	5	110
L828542		<10	<1	0.18	20	0.69	654	3	0.03	2	600	612	0.19	<2	7	108
L828543		<10	<1	0.33	30	0.68	1285	2	0.02	3	560	899	0.42	6	5	99
L828544		<10	<1	0.20	20	0.87	784	1	0.06	8	680	38	0.16	2	7	107
L828545		<10	<1	0.19	20	0.84	710	1	0.06	9	690	85	0.24	2	7	103
L828546		<10	<1	0.24	20	0.75	892	2	0.05	4	610	4130	0.59	9	6	100
L828547		10	<1	0.14	20	0.68	357	2	0.08	1	570	11	0.05	<2	5	52
L828548		<10	<1	0.16	20	0.68	500	1	0.09	1	580	12	0.08	<2	5	51
L828549		<10	<1	0.23	20	0.59	687	6	0.05	1	500	226	0.23	2	4	70
L828550		<10	<1	0.25	20	0.64	769	3	0.05	1	590	90	0.42	2	6	82
L828551		<10	<1	0.22	20	0.63	823	2	0.05	1	570	231	0.34	2	6	81

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Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11177097

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828516		<20	0.08	<10	<10	43	<10	40	<1
L828517		<20	0.01	<10	<10	37	<10	42	<1
L828518		<20	<0.01	<10	<10	23	<10	156	<1
L828519		<20	<0.01	<10	<10	10	<10	2450	8
L828520		<20	0.01	<10	<10	34	<10	46	<1
L828521		<20	0.05	<10	10	301	<10	7090	32
L828522		<20	0.07	<10	<10	45	<10	49	<1
L828523		<20	0.01	<10	<10	32	<10	232	<1
L828524		<20	0.04	<10	<10	43	<10	55	<1
L828525		<20	0.01	<10	<10	41	<10	66	<1
L828526		<20	0.05	<10	10	294	<10	7100	32
L828527		<20	0.03	<10	<10	47	<10	200	1
L828528		20	0.04	<10	<10	46	<10	86	<1
L828529		<20	<0.01	<10	<10	45	<10	568	<1
L828530		<20	<0.01	<10	<10	26	<10	1050	2
L828531		<20	0.06	<10	<10	49	<10	36	<1
L828532		<20	<0.01	<10	<10	<1	<10	17	<1
L828533		20	0.04	<10	<10	40	<10	137	<1
L828534		<20	0.12	<10	<10	50	<10	29	<1
L828535		<20	0.07	<10	<10	44	<10	363	<1
L828536		<20	0.04	<10	<10	45	<10	80	<1
L828537		<20	<0.01	<10	<10	25	<10	37	<1
L828538		<20	<0.01	<10	<10	18	<10	2400	5
L828539		<20	<0.01	<10	<10	<1	<10	21	<1
L828540		<20	0.01	<10	<10	33	<10	583	1
L828541		<20	0.01	<10	<10	31	<10	42	<1
L828542		<20	0.01	<10	<10	42	<10	141	<1
L828543		20	<0.01	<10	<10	26	<10	853	2
L828544		20	0.02	<10	<10	43	<10	87	<1
L828545		<20	0.03	<10	<10	44	<10	112	<1
L828546		<20	0.02	<10	<10	41	<10	811	8
L828547		<20	0.11	<10	<10	52	<10	29	<1
L828548		<20	0.11	<10	<10	54	<10	33	<1
L828549		20	0.04	<10	10	37	<10	254	2
L828550		<20	0.01	<10	<10	33	<10	154	<1
L828551		<20	0.02	<10	<10	37	<10	327	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177098

Project: Klaza DDH- 45

P.O. No.: Batch 1

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11177098

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972343		6.49	<0.005	<0.2	1.38	11	<10	550	<0.5	<2	1.10	<0.5	7	10	6	2.60
K972344		5.00	<0.005	<0.2	1.40	4	<10	520	<0.5	<2	1.64	<0.5	8	8	6	2.75
K972345		2.40	<0.005	<0.2	1.14	3	<10	260	0.6	<2	3.05	<0.5	7	5	3	2.61
K972346		8.01	<0.005	<0.2	1.40	2	<10	620	<0.5	<2	1.18	<0.5	8	10	5	2.63
K972347		6.56	<0.005	<0.2	1.38	2	<10	440	<0.5	<2	1.73	<0.5	8	9	5	2.68
K972348		0.09	1.500	34.5	4.82	134	<10	40	<0.5	<2	4.47	32.1	82	54	6750	8.00
K972349		7.39	<0.005	<0.2	1.46	<2	<10	530	<0.5	<2	1.29	<0.5	8	9	8	2.61
K972350		2.34	<0.005	<0.2	1.45	<2	<10	470	0.5	<2	1.77	<0.5	8	8	6	2.65
K972351		5.86	<0.005	<0.2	0.83	4	<10	450	0.6	<2	2.86	<0.5	7	5	6	2.73
K972352		2.08	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.3	<0.5	2	<1	1	0.44
K972353		7.35	<0.005	<0.2	1.38	<2	<10	490	<0.5	<2	1.35	<0.5	8	9	5	2.73
K972354		1.77	<0.005	<0.2	0.87	2	<10	600	<0.5	<2	1.72	<0.5	8	7	6	2.61
K972355		8.33	<0.005	<0.2	1.13	<2	<10	420	0.5	<2	1.84	<0.5	8	8	5	2.63
K972356		2.32	<0.005	<0.2	0.94	5	<10	150	0.6	<2	4.21	<0.5	8	4	4	2.72
K972357		0.90	<0.005	<0.2	0.88	8	<10	140	0.6	<2	3.90	<0.5	9	4	3	2.57
K972358		2.09	<0.005	<0.2	1.23	<2	<10	250	0.6	<2	2.79	<0.5	7	5	6	2.41
K972359		5.57	<0.005	<0.2	1.19	<2	<10	350	<0.5	<2	2.15	<0.5	7	7	6	2.59
K972360		2.97	<0.005	<0.2	1.26	<2	<10	500	0.5	<2	2.94	<0.5	8	6	9	2.57
K972361		4.64	<0.005	<0.2	1.45	<2	<10	380	0.5	<2	2.11	<0.5	8	8	7	2.65
K972362		7.52	<0.005	<0.2	1.25	<2	<10	340	0.5	<2	1.87	<0.5	8	8	5	2.62
K972363		0.12	1.440	35.6	4.86	140	<10	40	<0.5	<2	4.47	31.8	81	54	6810	7.93
K972364		7.43	<0.005	<0.2	1.19	<2	<10	310	<0.5	<2	1.91	<0.5	8	8	12	2.64
K972365		4.84	<0.005	<0.2	0.84	<2	<10	260	0.5	<2	2.62	<0.5	7	6	7	2.48
K972366		5.26	<0.005	<0.2	0.77	6	<10	380	0.6	2	3.49	<0.5	8	4	7	2.46
K972367		4.43	<0.005	<0.2	0.58	135	<10	1070	0.5	<2	4.30	<0.5	8	3	11	2.33
K972368		1.55	<0.005	0.2	0.98	125	<10	700	0.9	5	7.0	<0.5	8	2	3	2.79
K972369		3.95	<0.005	0.5	1.35	2	<10	270	<0.5	5	1.84	<0.5	8	9	5	2.78
K972370		4.87	<0.005	<0.2	1.08	2	<10	960	<0.5	<2	2.98	<0.5	9	6	4	2.66
K972371		4.65	<0.005	0.2	1.17	3	<10	380	<0.5	<2	1.95	<0.5	9	7	4	2.66
K972372		5.71	<0.005	<0.2	1.34	<2	<10	270	<0.5	<2	1.51	<0.5	9	10	3	2.65
K972373		5.77	<0.005	<0.2	1.45	3	<10	340	<0.5	<2	1.99	<0.5	9	9	3	2.64
K972374		5.74	<0.005	<0.2	1.40	2	<10	710	<0.5	<2	2.06	<0.5	7	9	5	2.81
K972375		2.17	<0.005	<0.2	1.36	4	<10	1780	<0.5	3	2.18	<0.5	7	9	2	2.57
K972376		1.71	<0.005	<0.2	0.09	2	<10	30	<0.5	<2	18.9	<0.5	2	4	6	0.47
K972377		4.07	<0.005	<0.2	1.28	3	<10	390	<0.5	<2	1.76	<0.5	7	9	2	2.78

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11177098

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972343		<10	<1	0.30	20	0.73	520	<1	0.11	2	630	11	0.02	2	5	45
K972344		10	<1	0.30	20	0.65	767	<1	0.09	1	640	8	0.02	2	7	65
K972345		<10	<1	0.24	20	0.68	675	<1	0.04	1	590	10	0.02	4	9	103
K972346		<10	<1	0.35	20	0.72	563	<1	0.14	1	630	8	0.02	<2	5	57
K972347		<10	<1	0.26	20	0.68	654	<1	0.09	2	610	7	0.02	<2	7	67
K972348		10	1	0.22	<10	1.09	616	47	0.33	304	650	8010	6.92	27	4	75
K972349		<10	<1	0.30	20	0.77	559	<1	0.11	3	620	11	0.02	<2	6	60
K972350		<10	<1	0.30	20	0.71	616	<1	0.07	2	630	10	0.02	<2	9	82
K972351		<10	<1	0.27	20	0.46	1010	1	0.05	1	580	20	0.04	2	9	89
K972352		<10	<1	0.02	<10	11.70	213	<1	0.02	1	170	3	0.08	<2	<1	47
K972353		<10	<1	0.30	20	0.61	591	1	0.12	1	600	8	0.03	<2	6	68
K972354		<10	<1	0.26	20	0.53	628	<1	0.08	2	610	6	0.03	<2	8	92
K972355		<10	<1	0.28	20	0.65	632	<1	0.08	1	580	7	0.02	2	8	91
K972356		<10	<1	0.27	20	0.93	1910	<1	0.03	1	530	9	0.11	<2	7	143
K972357		<10	<1	0.26	20	0.83	1780	1	0.03	1	520	11	0.13	<2	7	135
K972358		<10	<1	0.26	20	0.52	808	<1	0.04	2	620	7	0.03	<2	5	107
K972359		<10	<1	0.28	20	0.69	676	<1	0.08	1	610	7	0.02	<2	6	105
K972360		<10	<1	0.22	20	0.69	841	<1	0.05	1	590	8	0.03	2	7	144
K972361		<10	<1	0.27	20	0.76	723	1	0.07	1	610	7	0.03	<2	7	116
K972362		<10	<1	0.25	20	0.68	652	<1	0.08	1	600	9	0.03	2	6	100
K972363		10	1	0.22	<10	1.10	614	44	0.33	302	640	7890	6.90	25	4	75
K972364		<10	<1	0.21	20	0.76	652	1	0.08	2	590	13	0.03	<2	6	103
K972365		<10	<1	0.24	20	0.71	720	2	0.06	2	580	9	0.02	<2	6	135
K972366		<10	<1	0.26	20	1.05	871	<1	0.03	1	540	11	0.05	3	5	137
K972367		<10	<1	0.27	20	1.15	2180	<1	0.03	1	500	36	0.29	6	4	149
K972368		<10	<1	0.36	20	0.62	2090	<1	0.03	1	600	31	0.36	9	6	297
K972369		<10	<1	0.17	20	0.79	788	<1	0.08	1	670	28	0.02	2	6	121
K972370		<10	<1	0.30	20	0.68	915	<1	0.05	2	650	10	0.04	<2	6	156
K972371		<10	<1	0.18	20	0.78	741	<1	0.07	1	630	14	0.02	2	7	119
K972372		<10	<1	0.19	20	0.76	680	<1	0.10	2	610	8	0.02	<2	6	91
K972373		<10	<1	0.17	20	0.89	879	<1	0.07	1	600	13	0.02	3	5	109
K972374		10	<1	0.17	20	0.90	887	<1	0.06	4	630	9	0.02	2	6	123
K972375		10	<1	0.17	20	0.89	1000	<1	0.06	2	580	9	0.04	2	6	144
K972376		<10	<1	0.06	<10	11.75	213	<1	<0.01	2	200	2	0.02	<2	<1	48
K972377		10	<1	0.15	20	0.84	673	<1	0.07	1	640	6	0.01	2	6	96

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11177098

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972343		<20	0.16	<10	<10	64	<10	38	<1
K972344		<20	0.09	<10	<10	60	<10	47	<1
K972345		<20	0.03	<10	<10	49	<10	49	<1
K972346		<20	0.16	<10	<10	63	<10	38	<1
K972347		<20	0.10	<10	<10	59	<10	41	<1
K972348		<20	0.05	<10	<10	297	20	7210	29
K972349		<20	0.14	<10	<10	63	<10	40	<1
K972350		<20	0.06	<10	<10	58	<10	44	<1
K972351		<20	0.03	<10	<10	45	<10	79	<1
K972352		<20	<0.01	<10	<10	2	<10	11	<1
K972353		<20	0.10	<10	<10	57	<10	42	<1
K972354		<20	0.04	<10	<10	47	<10	38	<1
K972355		<20	0.05	<10	<10	49	<10	40	<1
K972356		<20	0.01	<10	<10	36	<10	53	<1
K972357		<20	0.01	<10	<10	34	<10	49	<1
K972358		20	0.01	<10	<10	32	<10	41	<1
K972359		<20	0.03	<10	<10	44	<10	38	<1
K972360		<20	0.01	<10	<10	40	<10	44	<1
K972361		<20	0.05	<10	<10	54	<10	41	<1
K972362		<20	0.06	<10	<10	51	<10	41	<1
K972363		<20	0.05	<10	<10	300	20	7180	32
K972364		<20	0.04	<10	<10	47	<10	44	<1
K972365		<20	0.01	<10	<10	36	<10	40	<1
K972366		<20	<0.01	<10	<10	29	<10	54	<1
K972367		<20	<0.01	<10	10	17	<10	76	<1
K972368		<20	<0.01	<10	<10	32	<10	79	<1
K972369		<20	0.04	<10	<10	54	<10	64	<1
K972370		<20	0.01	<10	<10	37	<10	62	<1
K972371		<20	0.01	<10	<10	47	<10	55	<1
K972372		<20	0.06	<10	<10	52	<10	51	<1
K972373		<20	0.04	<10	<10	48	<10	65	<1
K972374		<20	0.03	<10	<10	52	<10	74	<1
K972375		<20	0.01	<10	<10	42	<10	97	2
K972376		<20	<0.01	<10	<10	3	<10	15	<1
K972377		<20	0.06	<10	<10	56	<10	56	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11177099

Project: Klaza DDH- 41

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11177099

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863299		5.23	0.083	0.9	0.79	119	<10	400	0.8	<2	2.68	2.6	8	4	39	2.71
K863300		6.04	0.017	<0.2	1.36	15	<10	330	0.7	<2	2.09	<0.5	7	5	5	3.06
K863301		8.97	<0.005	<0.2	1.17	8	<10	290	0.6	<2	1.59	<0.5	7	7	5	2.62
K863302		8.70	0.097	0.3	0.92	10	<10	420	<0.5	<2	1.59	<0.5	7	7	8	2.77
K863303		5.62	0.017	0.9	0.76	34	<10	510	0.6	<2	2.17	8.0	6	5	12	2.71
K863304		0.09	1.260	34.3	5.11	148	<10	40	<0.5	10	4.86	33.5	87	57	7440	8.59
K863305		3.65	0.009	0.3	1.02	38	<10	290	0.5	<2	1.53	4.5	7	7	30	2.83
K863306		4.46	0.197	8.2	0.52	521	<10	50	0.7	6	2.47	180.0	7	3	185	4.47
K863307		6.64	0.006	0.2	0.98	22	<10	360	0.7	<2	3.42	0.9	7	4	5	2.79
K863308		4.40	0.006	0.3	0.74	22	<10	420	0.7	<2	3.38	0.5	7	4	7	2.77
K863309		2.81	0.740	6.8	0.55	486	<10	40	0.6	<2	2.67	53.5	7	3	39	4.16
K863310		7.85	0.412	1.3	0.56	912	<10	210	0.8	<2	2.95	5.8	8	3	19	2.87
K863311		7.29	0.008	0.2	0.89	13	<10	230	0.6	<2	2.20	<0.5	7	4	7	2.73
K863312		2.56	6.26	63.9	0.39	3670	<10	10	<0.5	69	0.83	367	6	2	660	5.37
K863313		11.86	<0.005	0.4	0.56	9	<10	2190	0.7	<2	2.48	0.9	5	2	14	2.13
K863314		10.21	0.014	0.4	0.57	24	<10	1900	0.6	<2	2.46	0.9	5	2	14	2.18
K863315		4.47	0.005	0.4	0.74	16	<10	870	0.8	<2	1.48	0.6	6	4	24	2.54
K863316		3.24	0.840	8.0	0.52	291	<10	20	0.6	6	2.47	39.6	10	2	106	3.71
K863317		2.35	0.005	0.2	0.96	9	<10	1960	1.2	<2	3.13	<0.5	7	8	29	2.90
K863318		1.94	0.120	2.6	0.72	92	<10	40	0.7	<2	2.81	6.5	9	2	112	3.63
K863319		2.59	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	21.6	<0.5	1	<1	2	0.50
K863320		13.67	0.007	0.3	0.62	20	<10	620	0.9	<2	4.13	<0.5	6	2	12	2.39
K863321		4.79	0.204	2.6	0.55	37	<10	710	0.9	2	3.44	13.5	7	2	58	2.53
K863322		0.10	1.275	33.3	4.91	152	<10	50	<0.5	19	4.74	32.6	86	56	7070	8.42
K863323		10.80	0.040	1.8	0.57	66	<10	20	<0.5	5	1.72	2.6	9	2	33	3.56
K863324		6.88	0.007	0.6	0.56	6	<10	20	0.5	<2	1.78	<0.5	8	2	8	3.32
K863325		7.05	0.809	4.1	0.47	551	<10	10	<0.5	2	0.85	30.8	14	2	34	6.31
K863326		3.15	0.910	10.9	0.33	1485	<10	10	<0.5	<2	0.44	19.3	136	<1	283	19.7
K863327		1.95	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	21.1	<0.5	1	1	2	0.49
K863328		4.53	0.032	1.8	0.53	61	<10	20	<0.5	<2	1.13	2.3	12	2	10	5.07
K863329		9.67	0.012	0.5	0.57	22	<10	40	0.5	<2	1.95	1.4	8	4	3	3.26
K863330		4.10	0.040	1.1	0.41	53	<10	20	<0.5	<2	1.54	5.2	7	3	10	3.27
K863331		1.47	0.034	1.1	0.40	50	<10	50	<0.5	<2	1.65	5.3	7	4	7	2.95
K863332		6.25	0.006	0.3	0.51	4	<10	40	<0.5	<2	1.68	0.6	8	3	4	2.99
K863333		7.05	0.005	<0.2	0.69	4	<10	30	0.5	<2	1.97	<0.5	8	3	3	3.17
K863334		8.20	0.070	0.4	0.54	17	<10	50	0.5	4	1.45	0.9	8	2	18	3.08

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11177099

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863299		<10	<1	0.25	20	0.56	1035	6	0.03	2	570	257	0.68	6	7	107
K863300		<10	<1	0.19	20	0.76	655	3	0.05	1	570	17	0.37	<2	7	104
K863301		<10	<1	0.18	20	0.61	559	3	0.07	2	580	20	0.17	<2	7	107
K863302		<10	<1	0.19	20	0.67	760	3	0.08	1	580	88	0.41	<2	7	97
K863303		<10	<1	0.26	20	0.60	1160	2	0.04	1	560	313	0.34	<2	6	102
K863304		10	1	0.25	<10	1.20	646	48	0.35	300	700	8500	7.56	28	4	81
K863305		<10	<1	0.21	20	0.64	621	3	0.08	2	600	36	0.32	<2	6	83
K863306		<10	<1	0.34	10	0.67	1735	2	0.02	1	500	931	2.36	6	5	100
K863307		<10	<1	0.24	20	0.49	676	2	0.03	1	590	52	0.72	2	8	164
K863308		<10	<1	0.26	20	0.64	774	2	0.03	2	590	17	0.65	<2	8	201
K863309		<10	<1	0.37	10	0.69	3480	3	0.03	2	540	1380	3.15	8	3	92
K863310		<10	<1	0.34	20	0.88	1715	3	0.03	1	550	124	1.03	5	4	131
K863311		<10	<1	0.23	20	0.73	851	3	0.04	1	580	16	0.74	<2	6	130
K863312		<10	1	0.29	10	0.24	1465	4	0.02	2	440	4410	6.74	34	1	33
K863313		<10	<1	0.29	20	0.83	538	3	0.02	2	840	26	0.10	3	4	210
K863314		<10	<1	0.29	20	0.82	558	3	0.02	2	820	28	0.07	3	4	205
K863315		<10	<1	0.28	10	0.72	708	6	0.02	3	260	33	0.10	6	4	163
K863316		<10	1	0.26	10	0.70	1535	11	0.02	3	360	747	3.45	16	3	102
K863317		<10	<1	0.20	10	1.15	848	2	0.02	4	680	13	0.14	<2	6	296
K863318		<10	<1	0.31	10	0.61	1550	4	0.03	3	480	244	3.11	7	4	127
K863319		<10	<1	0.02	<10	13.10	233	2	0.03	<1	200	<2	<0.01	<2	<1	54
K863320		<10	<1	0.29	20	1.05	688	3	0.03	2	750	18	0.13	2	4	308
K863321		<10	<1	0.27	10	1.07	722	3	0.02	3	660	181	0.31	7	4	230
K863322		10	1	0.24	<10	1.17	627	45	0.34	300	680	8300	7.30	28	4	78
K863323		<10	<1	0.35	10	0.58	1050	3	0.02	2	550	90	3.42	5	3	68
K863324		<10	<1	0.33	10	0.63	1025	2	0.02	2	570	35	3.29	2	3	69
K863325		<10	<1	0.36	10	0.22	1160	2	0.02	2	540	605	7.33	7	2	24
K863326		10	<1	0.25	<10	0.12	802	4	0.02	3	170	511	>10.0	72	1	15
K863327		<10	<1	0.02	<10	12.90	219	2	0.03	1	180	3	0.04	<2	<1	49
K863328		<10	<1	0.36	10	0.43	672	3	0.03	2	570	149	5.34	4	1	43
K863329		<10	<1	0.35	10	0.67	895	2	0.03	2	570	102	3.06	2	3	74
K863330		<10	<1	0.28	10	0.52	991	3	0.01	2	490	234	3.12	<2	2	54
K863331		<10	<1	0.27	10	0.54	1120	2	<0.01	2	510	205	2.68	<2	2	54
K863332		<10	<1	0.23	10	0.56	403	1	<0.01	2	520	42	2.78	<2	3	71
K863333		<10	<1	0.18	20	0.71	431	1	<0.01	2	580	20	2.95	<2	4	75
K863334		<10	<1	0.27	10	0.44	610	4	<0.01	2	490	30	2.83	<2	3	60

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11177099

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K863299		20	<0.01	<10	10	26	<10	246	<1	
K863300		20	0.01	<10	<10	37	<10	43	<1	
K863301		20	0.01	<10	<10	39	<10	49	<1	
K863302		20	0.02	<10	<10	39	<10	67	<1	
K863303		20	0.01	<10	<10	31	<10	649	1	
K863304		<20	0.06	<10	10	324	20	7670	31	
K863305		20	0.02	<10	<10	42	<10	506	<1	
K863306		<20	<0.01	<10	<10	21	<10	>10000	6	1.160
K863307		20	0.01	<10	<10	34	<10	111	<1	
K863308		<20	<0.01	<10	<10	33	<10	86	<1	
K863309		<20	<0.01	<10	<10	10	10	3630	5	
K863310		<20	<0.01	<10	10	15	<10	459	<1	
K863311		<20	<0.01	<10	<10	28	<10	54	<1	
K863312		<20	<0.01	<10	<10	7	<10	>10000	80	2.81
K863313		<20	<0.01	<10	<10	18	<10	191	<1	
K863314		<20	<0.01	<10	<10	18	<10	189	<1	
K863315		<20	<0.01	<10	<10	23	<10	113	<1	
K863316		<20	<0.01	<10	<10	10	<10	2520	5	
K863317		<20	<0.01	<10	<10	40	<10	94	<1	
K863318		<20	<0.01	<10	<10	12	<10	516	2	
K863319		<20	<0.01	<10	10	<1	<10	17	<1	
K863320		<20	<0.01	<10	<10	26	<10	57	<1	
K863321		<20	<0.01	<10	<10	30	<10	898	2	
K863322		<20	0.06	<10	10	318	20	7550	31	
K863323		<20	<0.01	<10	<10	8	<10	223	2	
K863324		<20	<0.01	<10	10	7	<10	65	<1	
K863325		<20	<0.01	<10	<10	7	<10	2140	3	
K863326		<20	<0.01	<10	<10	7	<10	1460	9	
K863327		<20	<0.01	<10	10	<1	<10	20	<1	
K863328		<20	<0.01	<10	<10	5	<10	198	<1	
K863329		<20	<0.01	<10	10	9	<10	140	<1	
K863330		<20	<0.01	<10	<10	5	<10	459	<1	
K863331		<20	<0.01	<10	<10	5	<10	477	<1	
K863332		<20	<0.01	<10	<10	10	<10	58	<1	
K863333		<20	<0.01	<10	<10	15	<10	36	<1	
K863334		<20	<0.01	<10	<10	8	<10	75	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177291

Project: KLAZA DDH 41

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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VANCOUVER BC V6B 1L8

Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: KLAZA DDH 41

CERTIFICATE OF ANALYSIS WH11177291

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863226		7.35	0.345	6.7	1.04	830	<10	160	0.6	<2	2.01	23.1	6	6	235	3.80
K863227		7.38	0.033	0.9	0.64	30	<10	30	<0.5	2	3.12	<0.5	17	4	4	3.44
K863228		2.14	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	19.8	<0.5	1	<1	2	0.46
K863229		4.55	0.297	6.5	0.59	164	<10	30	0.6	<2	3.05	10.2	8	4	26	3.65
K863230		5.61	<0.005	0.4	0.86	12	<10	330	0.6	<2	3.23	<0.5	5	6	13	2.44
K863231		3.94	0.371	20.3	0.64	397	<10	120	0.7	<2	3.47	25.7	5	4	202	3.26
K863232		12.60	<0.005	<0.2	1.07	7	<10	400	<0.5	<2	1.59	<0.5	6	8	10	2.78
K863233		12.38	0.009	0.2	1.01	19	<10	350	<0.5	<2	1.88	<0.5	5	8	9	2.80
K863234		0.12	1.585	33.7	5.03	152	<10	40	<0.5	8	4.69	32.2	85	58	7590	8.51
K863235		11.40	0.046	2.3	0.99	97	<10	290	0.8	<2	2.64	12.7	9	6	49	2.85
K863236		7.40	<0.005	<0.2	1.31	4	<10	270	<0.5	<2	1.37	<0.5	7	10	7	3.05
K863237		4.59	0.151	10.8	0.78	592	<10	130	0.6	3	1.82	9.9	10	5	51	4.05
K863238		3.44	0.030	0.7	0.88	77	<10	230	0.7	<2	2.28	<0.5	6	6	11	2.57
K863239		8.92	0.455	28.4	0.76	233	<10	40	0.6	2	2.50	168.0	6	5	153	3.63
K863240		3.20	<0.005	<0.2	0.06	<2	<10	30	<0.5	<2	19.1	0.5	1	1	4	0.47
K863241		9.63	0.007	0.4	1.24	14	<10	230	<0.5	<2	1.59	1.6	5	8	5	2.54
K863242		11.54	<0.005	0.2	1.08	3	<10	180	<0.5	<2	4.80	<0.5	4	7	5	2.18
K863243		11.53	<0.005	0.5	1.30	6	<10	170	<0.5	<2	1.06	0.7	6	8	11	2.64
K863244		12.66	<0.005	<0.2	1.30	5	<10	210	<0.5	<2	1.34	<0.5	5	9	8	2.91
K863245		11.44	<0.005	0.2	1.11	6	<10	290	<0.5	<2	1.69	<0.5	5	8	4	2.66
K863246		11.04	0.012	0.3	1.12	25	<10	380	0.5	<2	2.13	0.6	6	6	7	2.47
K863247		9.83	0.006	0.4	1.36	15	<10	390	0.5	<2	2.10	<0.5	5	7	7	2.68
K863248		7.14	<0.005	<0.2	1.34	7	<10	290	<0.5	<2	1.61	<0.5	6	8	8	2.55
K863249		3.57	1.040	54.3	0.63	1710	<10	70	0.7	15	3.06	81.1	5	3	779	4.04
K863250		10.24	0.021	0.3	1.29	21	<10	390	0.5	<2	1.73	<0.5	5	9	6	2.70
K863251		11.50	0.006	0.4	1.19	15	<10	270	<0.5	<2	1.50	0.7	6	9	12	2.61
K863252		5.33	<0.005	0.3	1.17	8	<10	290	<0.5	<2	1.47	<0.5	6	9	7	2.53
K863253		8.34	<0.005	0.2	1.34	8	<10	190	0.5	<2	1.59	<0.5	5	8	6	2.78
K863254		7.06	0.014	0.7	1.05	14	<10	430	0.7	<2	2.34	2.7	7	5	9	2.34
K863255		5.37	0.027	2.7	0.70	15	<10	810	0.5	<2	5.21	13.3	12	4	29	2.32
K863256		8.82	<0.005	0.3	1.25	7	<10	270	0.5	<2	1.83	<0.5	6	8	12	2.73
K863257		7.33	<0.005	0.2	1.41	12	<10	120	0.6	<2	1.67	<0.5	7	6	4	2.86
K863258		0.11	1.520	32.5	4.68	151	<10	40	<0.5	2	4.53	31.6	85	56	6810	8.27
K863259		4.74	<0.005	0.2	1.53	10	<10	100	0.5	<2	1.75	<0.5	4	7	21	2.63
K863260		4.40	0.328	3.2	1.10	32	<10	460	0.5	<2	1.97	68.4	6	7	26	3.10
K863261		4.38	<0.005	<0.2	1.31	3	<10	190	<0.5	<2	1.39	0.7	5	9	4	2.93

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: KLAZA DDH 41

CERTIFICATE OF ANALYSIS WH11177291

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863226		<10	<1	0.35	20	0.60	1295	1	0.05	1	550	1025	1.95	26	5	62
K863227		<10	<1	0.37	<10	0.57	1040	2	0.02	2	590	42	3.36	2	2	74
K863228		<10	<1	0.02	<10	12.00	203	<1	0.02	<1	180	<2	0.08	<2	<1	51
K863229		<10	<1	0.38	10	0.90	3520	1	0.02	<1	460	1295	3.11	11	3	69
K863230		<10	<1	0.26	20	1.37	850	1	0.04	1	530	14	0.22	3	7	65
K863231		<10	<1	0.34	20	0.93	2430	2	0.02	<1	480	2140	1.48	34	5	97
K863232		<10	<1	0.25	20	0.67	580	1	0.11	1	590	12	0.03	<2	7	76
K863233		<10	<1	0.25	20	0.71	649	1	0.10	1	610	16	0.15	<2	6	83
K863234		10	1	0.24	10	1.18	634	50	0.34	305	700	8240	7.64	29	4	80
K863235		<10	<1	0.34	20	0.65	1035	1	0.03	2	540	481	0.75	4	6	85
K863236		<10	<1	0.21	20	0.72	531	1	0.14	1	600	8	0.06	2	6	65
K863237		<10	<1	0.38	20	0.46	1625	1	0.03	1	540	3310	2.38	13	5	57
K863238		<10	<1	0.35	20	0.64	1640	1	0.04	1	560	24	0.51	4	6	72
K863239		<10	<1	0.33	10	0.73	2500	1	0.02	3	480	6520	2.42	27	4	68
K863240		<10	<1	0.03	<10	11.70	223	<1	0.02	1	170	12	0.08	<2	<1	48
K863241		<10	<1	0.21	20	0.68	585	1	0.09	1	520	51	0.09	2	5	58
K863242		<10	<1	0.15	10	2.77	439	2	0.08	1	510	47	<0.01	<2	3	55
K863243		<10	<1	0.17	20	0.67	428	2	0.09	1	560	64	0.04	<2	4	45
K863244		<10	1	0.17	20	0.75	433	2	0.12	1	600	11	0.04	2	5	60
K863245		<10	<1	0.23	20	0.65	508	1	0.09	1	550	12	0.09	<2	5	59
K863246		<10	<1	0.29	20	0.65	574	1	0.06	<1	530	43	0.24	2	5	93
K863247		<10	<1	0.28	20	0.65	662	1	0.07	1	570	23	0.15	<2	5	86
K863248		<10	<1	0.23	20	0.62	637	1	0.10	1	530	14	0.03	<2	5	94
K863249		<10	1	0.36	10	0.81	1955	<1	0.02	1	430	>10000	3.37	68	4	88
K863250		<10	<1	0.24	20	0.68	616	1	0.08	1	520	26	0.16	2	6	87
K863251		<10	<1	0.24	20	0.61	493	1	0.11	1	540	101	0.10	<2	6	62
K863252		<10	<1	0.24	20	0.60	466	1	0.11	1	540	7	0.07	<2	5	62
K863253		<10	<1	0.21	20	0.64	618	1	0.08	2	580	23	0.06	<2	6	62
K863254		<10	<1	0.33	20	0.71	1370	1	0.02	1	650	224	0.31	<2	6	76
K863255		<10	<1	0.33	20	0.52	970	1	0.02	1	390	735	0.51	2	4	94
K863256		<10	<1	0.22	20	0.63	518	2	0.07	1	590	10	0.15	<2	7	69
K863257		<10	<1	0.26	30	0.48	377	1	0.03	2	610	12	0.22	<2	6	38
K863258		<10	1	0.24	10	1.13	624	49	0.34	303	650	7970	7.03	30	4	74
K863259		<10	<1	0.15	20	0.46	367	2	0.04	2	630	16	0.04	2	7	60
K863260		<10	<1	0.25	20	0.74	1075	1	0.08	1	550	798	0.71	<2	5	66
K863261		<10	<1	0.18	20	0.66	470	1	0.12	2	590	13	0.04	<2	7	67

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Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: KLAZA DDH 41

CERTIFICATE OF ANALYSIS WH11177291

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K863226		<20	0.01	<10	<10	28	<10	1670	5		
K863227		<20	<0.01	<10	<10	8	<10	56	1		
K863228		<20	<0.01	<10	<10	3	<10	17	<1		
K863229		<20	<0.01	<10	<10	9	<10	825	6		
K863230		<20	<0.01	<10	<10	33	<10	37	<1		
K863231		<20	<0.01	<10	<10	17	<10	2110	20		
K863232		<20	0.06	<10	<10	48	<10	42	<1		
K863233		<20	0.05	<10	<10	45	<10	40	<1		
K863234		<20	0.06	<10	<10	326	<10	7540	33		
K863235		<20	<0.01	<10	<10	26	<10	978	3		
K863236		<20	0.06	<10	<10	55	<10	41	<1		
K863237		<20	<0.01	<10	<10	21	<10	720	11		
K863238		<20	0.01	<10	<10	29	<10	67	1		
K863239		<20	<0.01	<10	<10	20	<10	>10000	28		1.245
K863240		<20	<0.01	<10	<10	3	<10	76	<1		
K863241		<20	0.05	<10	<10	43	<10	153	<1		
K863242		<20	0.10	<10	<10	44	<10	50	<1		
K863243		<20	0.12	<10	<10	52	<10	77	1		
K863244		<20	0.12	<10	<10	59	<10	34	<1		
K863245		<20	0.06	<10	<10	45	<10	44	<1		
K863246		20	0.01	<10	<10	32	<10	80	<1		
K863247		<20	0.02	<10	<10	41	<10	59	1		
K863248		<20	0.04	<10	<10	41	<10	34	<1		
K863249		<20	<0.01	<10	<10	14	<10	6680	54	1.735	
K863250		<20	0.04	<10	<10	44	<10	39	1		
K863251		<20	0.07	<10	<10	49	<10	74	1		
K863252		20	0.06	<10	<10	48	<10	35	<1		
K863253		<20	0.04	<10	<10	46	<10	53	<1		
K863254		<20	<0.01	<10	<10	23	<10	210	<1		
K863255		<20	<0.01	<10	30	20	<10	870	2		
K863256		<20	0.02	<10	<10	42	<10	42	1		
K863257		20	<0.01	<10	<10	35	<10	49	<1		
K863258		<20	0.06	<10	<10	312	<10	7280	31		
K863259		<20	0.04	<10	<10	53	<10	40	<1		
K863260		<20	0.05	<10	<10	42	<10	4180	3		
K863261		<20	0.05	<10	<10	55	<10	79	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177292

Project: Klaza DDH 43

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11177292

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K269074		9.76	0.026		3.9	0.90	19	<10	380	<0.5	3	1.58	36.7	6	7	41
K269075		4.31	5.12		44.1	0.43	>10000	<10	20	<0.5	64	1.46	524	9	2	1110
K269076		9.43	0.064		0.8	0.50	47	<10	100	0.7	<2	2.26	2.4	6	4	10
K269077		8.29	0.030		0.2	0.86	25	<10	150	<0.5	2	1.89	1.2	7	5	10
K269078		2.91	0.858		71.5	0.39	210	<10	60	0.6	69	1.48	172.5	5	3	822
K269079		3.47	<0.005		<0.2	0.12	<2	<10	30	<0.5	<2	20.4	<0.5	2	5	2
K269080		12.26	0.015		0.3	0.75	26	<10	350	<0.5	2	1.54	1.4	6	6	11
K269081		4.06	<0.005		<0.2	0.94	5	<10	510	<0.5	<2	1.39	<0.5	6	7	6
K269082		8.94	0.007		0.2	0.57	25	<10	50	0.6	<2	2.25	<0.5	7	3	4
K269083		9.74	0.005		<0.2	0.91	10	<10	160	0.6	2	1.82	<0.5	9	5	6
K269084		7.10	<0.005		<0.2	0.79	9	<10	50	0.5	<2	1.97	<0.5	7	4	6
K269085		8.79	0.059		0.6	0.48	29	<10	50	0.6	2	2.10	3.4	5	2	10
K269086		0.12	1.460		33.3	4.82	144	<10	40	<0.5	<2	4.36	32.0	84	54	7020
K269087		4.34	0.426		6.3	0.45	459	<10	70	0.7	3	3.41	69.2	5	3	61
K269088		10.07	<0.005		<0.2	0.87	6	<10	420	<0.5	<2	1.63	<0.5	6	6	4
K269089		5.40	1.180		23.1	0.43	1735	<10	30	0.6	15	2.01	73.4	5	3	271
K269090		2.50	<0.005		<0.2	0.03	2	<10	20	<0.5	<2	19.2	<0.5	<1	2	8
K269091		12.59	0.697		7.7	0.95	899	<10	290	<0.5	10	1.54	35.2	6	7	109
K269092		13.06	0.008		<0.2	1.04	13	<10	250	<0.5	<2	1.34	<0.5	7	8	13
K269093		13.14	0.024		1.2	1.00	75	<10	440	<0.5	2	1.31	10.9	6	9	22
K269094		9.31	0.005		0.2	0.92	16	<10	310	<0.5	<2	1.48	2.3	6	8	9
K269095		5.31	0.324		2.7	0.59	467	<10	120	0.7	<2	2.82	32.5	5	4	49
K269096		0.12	1.475		33.4	4.71	148	<10	40	<0.5	14	4.34	31.7	88	55	6990
K269097		11.85	0.005		0.4	0.99	10	<10	260	<0.5	<2	1.78	<0.5	6	8	9
K269098		11.20	0.006		<0.2	1.10	10	<10	300	<0.5	<2	1.62	0.5	7	8	18
K269099		13.02	0.176		2.3	0.58	277	<10	80	0.7	4	2.95	3.3	5	2	23
K269100		8.48	0.011		<0.2	0.93	15	<10	230	0.5	2	2.06	0.5	6	6	8
K269101		9.28	0.013		<0.2	0.58	7	<10	130	0.6	3	1.95	<0.5	8	4	6
K269102		4.28	0.116		1.4	0.45	184	<10	30	0.6	<2	1.76	3.8	7	3	10
K269103		9.08	<0.005		<0.2	0.93	12	<10	370	<0.5	<2	1.58	<0.5	6	7	6
K269104		3.52	<0.005		<0.2	0.89	10	<10	340	<0.5	<2	1.52	<0.5	6	7	7
K269105		6.05	<0.005		<0.2	0.75	7	<10	610	<0.5	<2	1.82	<0.5	6	7	6
K269106		10.13	0.014		0.2	0.58	27	<10	590	0.7	<2	2.27	<0.5	6	5	12
K269107		4.41	0.402		5.8	0.42	1075	<10	50	0.5	2	1.81	13.3	6	4	58
K269108		4.42	<0.005		<0.2	0.61	14	<10	650	1.2	2	2.51	<0.5	6	5	17
K269109		3.79	10.0	10.60	26.3	0.35	>10000	<10	20	<0.5	<2	0.73	180.5	5	4	73

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CERTIFICATE OF ANALYSIS WH11177292

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269074		3.04	<10	<1	0.27	20	0.65	999	1	0.05	2	600	1635	1.00	<2	5
K269075		9.32	<10	2	0.31	10	0.39	2460	<1	0.01	<1	390	1515	>10.0	75	3
K269076		2.92	<10	<1	0.27	20	0.66	1175	1	0.03	<1	510	82	1.46	3	5
K269077		2.68	<10	1	0.29	20	0.72	596	1	0.04	1	560	20	1.12	2	5
K269078		4.36	<10	1	0.31	10	0.57	2490	3	0.01	<1	400	>10000	3.33	155	3
K269079		0.46	<10	<1	0.09	<10	12.35	213	<1	0.03	1	190	7	0.03	<2	1
K269080		2.56	<10	1	0.20	20	0.64	663	1	0.05	1	570	45	0.77	2	6
K269081		2.35	<10	<1	0.15	20	0.71	553	1	0.07	2	550	11	0.56	<2	6
K269082		2.84	<10	1	0.26	20	0.58	529	2	0.02	1	560	21	2.47	<2	2
K269083		2.86	<10	1	0.17	20	0.56	508	1	0.05	1	620	16	1.64	<2	6
K269084		2.82	<10	1	0.17	20	0.49	466	1	0.05	2	570	15	2.20	2	5
K269085		2.84	<10	<1	0.26	20	0.63	801	1	0.01	1	540	36	2.28	<2	4
K269086		7.82	10	1	0.24	10	1.10	614	43	0.33	303	680	7630	7.35	26	4
K269087		2.59	<10	<1	0.22	20	1.11	1290	2	0.02	<1	480	2720	1.56	10	5
K269088		2.51	<10	1	0.17	20	0.69	600	1	0.05	2	560	13	0.61	<2	6
K269089		4.10	<10	1	0.26	10	0.58	2830	7	0.01	2	510	5000	3.07	26	5
K269090		0.45	<10	1	0.02	<10	11.95	212	<1	0.02	7	190	7	0.05	<2	<1
K269091		2.98	<10	1	0.23	20	0.62	705	1	0.06	1	570	542	1.05	3	5
K269092		2.84	10	<1	0.12	20	0.72	489	<1	0.07	2	580	18	1.08	<2	6
K269093		2.57	<10	1	0.17	20	0.68	591	1	0.05	1	590	139	0.61	<2	5
K269094		2.80	<10	1	0.22	20	0.70	700	<1	0.08	2	580	54	0.83	<2	6
K269095		2.71	<10	<1	0.28	20	0.72	1505	<1	0.02	1	530	566	1.25	4	5
K269096		7.73	10	1	0.23	<10	1.09	613	43	0.32	298	670	7650	7.25	28	4
K269097		2.50	<10	<1	0.15	20	0.70	698	1	0.08	<1	580	17	0.54	2	6
K269098		2.70	<10	1	0.21	20	0.62	592	<1	0.07	1	570	19	0.91	<2	6
K269099		3.37	<10	<1	0.25	20	0.88	1095	6	0.02	2	460	170	2.35	11	5
K269100		2.67	<10	1	0.18	20	0.66	696	1	0.05	2	570	40	0.86	<2	6
K269101		2.53	<10	1	0.26	20	0.61	797	1	0.01	1	540	15	1.05	<2	5
K269102		3.70	<10	1	0.29	10	0.50	1015	1	0.01	2	530	231	3.22	3	4
K269103		2.64	<10	1	0.20	20	0.61	713	1	0.07	2	590	26	0.33	<2	7
K269104		2.55	<10	<1	0.17	20	0.62	696	1	0.06	1	630	19	0.27	<2	7
K269105		2.45	<10	1	0.22	20	0.64	739	1	0.07	3	560	24	0.48	<2	6
K269106		2.56	<10	1	0.22	20	0.71	992	1	0.02	2	590	35	0.54	3	8
K269107		3.13	<10	<1	0.28	10	0.50	1395	4	0.01	2	430	976	2.46	21	3
K269108		1.90	<10	1	0.26	10	0.83	576	<1	0.01	11	630	12	0.11	2	5
K269109		5.16	<10	1	0.26	10	0.18	1300	1	0.01	2	360	7860	5.05	88	2

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2011
Account: ROCKHA

Project: Klaza DDH 43

CERTIFICATE OF ANALYSIS WH11177292

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K269074		520	<20	0.01	<10	<10	37	<10	3890	5		
K269075		61	<20	<0.01	<10	10	9	<10	>10000	43		5.29
K269076		121	<20	<0.01	<10	<10	20	<10	235	<1		
K269077		115	<20	0.01	<10	<10	28	<10	139	1		
K269078		63	<20	<0.01	<10	<10	9	10	>10000	70	1.355	1.205
K269079		50	<20	<0.01	<10	<10	3	<10	27	1		
K269080		126	<20	0.01	<10	<10	31	<10	122	<1		
K269081		221	<20	0.01	<10	<10	37	<10	47	1		
K269082		169	<20	<0.01	<10	10	11	<10	39	<1		
K269083		143	<20	<0.01	<10	<10	31	<10	55	<1		
K269084		172	<20	<0.01	<10	<10	22	<10	46	<1		
K269085		145	<20	<0.01	<10	<10	12	<10	255	1		
K269086		78	<20	0.05	<10	10	305	10	7320	32		
K269087		146	<20	<0.01	<10	<10	16	<10	4580	6		
K269088		118	<20	0.01	<10	<10	35	<10	46	<1		
K269089		95	<20	<0.01	<10	10	14	<10	4530	22		
K269090		48	<20	<0.01	<10	<10	3	<10	29	1		
K269091		80	<20	0.03	<10	<10	41	<10	2220	7		
K269092		68	<20	0.04	<10	<10	44	<10	67	1		
K269093		93	<20	0.07	<10	<10	43	<10	720	2		
K269094		126	<20	0.05	<10	<10	42	<10	180	<1		
K269095		142	<20	<0.01	<10	<10	20	<10	2190	2		
K269096		76	<20	0.05	<10	10	304	10	7370	32		
K269097		87	<20	0.02	<10	<10	39	<10	74	1		
K269098		85	<20	0.03	<10	<10	42	<10	62	<1		
K269099		134	20	<0.01	<10	10	19	<10	263	3		
K269100		132	<20	0.01	<10	<10	34	<10	66	<1		
K269101		105	<20	<0.01	<10	<10	22	<10	52	<1		
K269102		90	<20	<0.01	<10	<10	13	<10	287	2		
K269103		94	<20	0.03	<10	<10	42	<10	55	<1		
K269104		89	<20	0.04	<10	<10	43	<10	50	1		
K269105		124	<20	0.01	<10	<10	33	<10	44	1		
K269106		133	<20	<0.01	<10	<10	32	<10	66	<1		
K269107		83	<20	<0.01	<10	10	10	<10	958	6		
K269108		379	<20	<0.01	<10	<10	14	<10	53	<1		
K269109		54	<20	<0.01	<10	<10	5	10	>10000	25		1.170

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177333

Project: KLAZA- DDH- 52

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 52

CERTIFICATE OF ANALYSIS WH11177333

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K972136		8.14	0.333	5.6	0.54	194	<10	90	<0.5	5	1.07	42.6	18	12	96	3.85
K972137		4.59	0.425	6.1	0.62	870	<10	40	<0.5	9	1.53	31.4	69	1	66	10.95
K972138		10.81	0.422	7.1	0.66	535	<10	20	<0.5	11	0.45	30.0	75	2	77	11.85
K972139		5.00	0.209	4.5	0.62	414	<10	20	<0.5	7	0.21	42.8	95	2	81	10.40
K972144		5.73	0.460	9.6	0.66	395	<10	20	<0.5	13	0.27	56.6	81	2	212	10.20
K972145		2.20	<0.005	0.3	0.03	3	<10	10	<0.5	<2	18.7	<0.5	1	<1	3	0.50
K972146		6.91	0.196	3.9	0.61	207	<10	60	<0.5	4	0.25	41.8	36	3	98	5.50
K972147		4.76	0.065	2.9	0.54	108	<10	70	<0.5	<2	0.79	41.4	22	3	35	4.97
K972148		5.39	0.032	3.0	0.61	49	<10	80	<0.5	<2	0.84	38.2	7	4	26	4.27
K972149		5.86	0.017	2.3	0.66	32	<10	90	<0.5	2	2.23	20.7	2	4	28	2.54
K972150		2.66	0.126	5.6	0.57	171	<10	40	<0.5	4	1.16	19.0	197	2	44	9.70
K972151		5.91	0.099	5.7	0.61	217	<10	70	<0.5	6	0.47	49.0	8	3	143	4.48
K972152		0.20	3.29	>100	0.18	>10000	<10	10	<0.5	<2	0.41	321	1	8	1620	13.7
K972153		3.48	0.117	4.7	0.57	435	<10	40	<0.5	3	1.23	16.2	6	2	64	4.93
K972154		6.62	0.044	1.7	0.54	55	<10	160	<0.5	2	2.13	9.6	17	2	13	3.45
K972155		3.60	0.088	3.5	0.53	79	<10	70	<0.5	4	1.04	16.3	23	5	96	4.12
K972156		4.28	0.364	5.4	0.49	188	<10	10	<0.5	7	1.91	12.4	69	1	99	7.89
K972157		5.10	0.586	8.5	0.67	390	<10	30	0.5	9	0.78	17.6	44	1	168	10.45
K972158		3.05	<0.005	0.2	0.03	6	<10	20	<0.5	7	19.5	<0.5	1	<1	6	0.49
K972159		5.26	2.97	8.7	0.63	343	<10	20	0.6	11	2.38	17.9	93	<1	195	10.60
K972160		5.56	0.089	2.1	0.42	89	<10	20	<0.5	2	5.68	8.7	154	1	22	5.53
K972161		3.39	0.025	0.6	0.38	16	<10	300	<0.5	<2	5.59	0.8	24	2	4	2.02
K972162		3.92	0.102	1.9	0.47	62	<10	60	<0.5	2	5.09	2.9	56	1	26	4.35
K972163		4.05	0.097	1.4	0.41	77	<10	50	<0.5	<2	8.1	5.2	110	1	19	5.02
K972164		4.55	0.374	4.7	0.44	241	<10	40	<0.5	5	4.41	17.1	102	1	84	8.10
K972165		5.46	2.08	8.6	0.62	430	<10	20	<0.5	16	2.15	9.0	114	<1	85	17.1
K972166		6.67	1.765	6.0	0.94	262	<10	40	1.0	8	1.62	5.1	129	2	172	9.00
K972167		4.17	0.665	3.5	0.52	210	<10	40	<0.5	4	0.98	2.8	129	2	62	6.44
K972168		4.61	0.323	4.2	0.52	157	<10	50	<0.5	4	0.76	8.5	106	2	100	4.79
K972169		5.02	0.794	12.8	0.49	350	<10	10	<0.5	15	1.33	14.2	297	1	170	11.65
K972170		0.20	3.18	>100	0.18	>10000	<10	10	<0.5	<2	0.41	320	3	8	1625	13.8
K972171		4.67	1.260	17.7	0.63	322	<10	40	<0.5	32	1.08	6.8	91	2	107	5.42
K972172		4.52	<0.005	6.5	1.06	333	<10	40	1.2	7	0.47	16.4	142	2	113	7.72
K972173		2.39	7.73	18.5	0.86	575	<10	10	0.9	26	0.38	4.0	365	<1	96	15.6
K972174		1.21	4.80	9.9	0.75	348	<10	20	0.6	13	0.37	5.0	205	2	87	8.50
K972175		2.82	0.008	10.6	0.78	540	<10	10	0.6	13	1.33	3.0	311	<1	201	13.15

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 52

CERTIFICATE OF ANALYSIS WH11177333

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972136		<10	<1	0.40	20	0.38	2330	1	0.02	13	510	1460	2.48	9	3	18
K972137		<10	<1	0.44	10	0.55	3230	1	0.02	<1	500	567	>10.0	6	2	30
K972138		<10	<1	0.50	10	0.32	1515	1	0.01	4	710	665	>10.0	4	2	8
K972139		<10	<1	0.48	20	0.26	1240	1	0.01	1	560	263	>10.0	<2	2	4
K972144		<10	<1	0.50	10	0.22	971	2	0.01	1	670	560	>10.0	7	2	6
K972145		<10	<1	0.02	<10	11.85	215	<1	0.02	<1	160	5	0.09	2	<1	42
K972146		<10	<1	0.49	20	0.21	812	<1	0.01	<1	550	654	4.46	2	2	4
K972147		<10	<1	0.40	20	0.65	1520	<1	0.01	<1	540	1330	2.42	2	3	8
K972148		<10	<1	0.45	20	0.54	1820	<1	0.01	<1	520	1570	1.22	<2	4	14
K972149		<10	<1	0.49	20	0.62	1795	<1	0.01	1	520	990	0.80	2	4	40
K972150		<10	<1	0.42	10	0.38	943	2	0.02	2	440	978	>10.0	3	3	16
K972151		<10	<1	0.46	10	0.32	1390	1	0.01	<1	500	925	2.95	6	3	9
K972152		<10	<1	0.08	<10	0.17	1410	<1	0.01	9	140	>10000	>10.0	527	1	17
K972153		<10	<1	0.39	10	0.46	2030	3	0.01	<1	390	525	3.48	7	2	23
K972154		<10	<1	0.38	10	0.73	2410	4	0.02	<1	420	234	1.45	3	3	30
K972155		<10	<1	0.41	10	0.39	1625	7	0.02	<1	380	299	2.93	6	3	14
K972156		<10	<1	0.32	<10	0.64	1450	17	0.02	<1	220	551	8.47	10	2	26
K972157		<10	<1	0.38	10	0.28	625	14	0.02	<1	350	1030	>10.0	22	2	16
K972158		<10	<1	0.02	<10	12.00	216	<1	0.02	1	160	5	0.07	<2	<1	43
K972159		<10	<1	0.29	<10	1.15	627	13	0.02	<1	280	765	>10.0	36	2	22
K972160		<10	<1	0.24	10	1.02	1495	18	0.02	3	210	307	5.04	7	3	96
K972161		<10	<1	0.20	10	0.71	1145	4	0.02	1	190	38	0.97	2	3	114
K972162		<10	<1	0.21	10	0.73	1100	5	0.02	1	230	177	3.91	6	3	106
K972163		<10	<1	0.24	<10	0.27	728	3	0.02	1	190	189	5.34	3	1	196
K972164		<10	<1	0.24	<10	0.68	991	9	0.02	1	130	363	9.88	9	1	83
K972165		<10	<1	0.33	<10	0.42	531	8	0.02	<1	260	403	>10.0	9	2	48
K972166		<10	<1	0.34	<10	0.46	557	10	0.02	2	440	227	9.88	32	3	44
K972167		<10	<1	0.28	<10	0.28	326	13	0.02	2	250	242	7.08	10	1	22
K972168		<10	1	0.32	10	0.23	281	10	0.01	2	290	247	4.84	17	1	15
K972169		<10	1	0.25	<10	0.44	538	13	0.02	3	160	669	>10.0	27	1	26
K972170		<10	1	0.08	<10	0.17	1405	<1	0.02	9	140	>10000	>10.0	544	1	17
K972171		<10	<1	0.39	<10	0.32	471	13	0.02	1	420	524	5.42	19	2	22
K972172		<10	1	0.32	10	0.17	209	27	0.02	2	410	559	8.50	25	2	17
K972173		<10	1	0.32	<10	0.14	176	26	0.02	2	270	513	>10.0	27	1	11
K972174		<10	1	0.39	<10	0.12	167	14	0.02	3	410	400	9.89	22	1	10
K972175		<10	1	0.31	<10	0.39	709	41	0.02	3	180	257	>10.0	46	1	20

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Finalized Date: 17- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 52

CERTIFICATE OF ANALYSIS WH11177333

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001	Zn- OG46 Zn % 0.001
K972136		<20	<0.01	<10	<10	11	<10	3380	5		
K972137		<20	<0.01	<10	10	14	<10	2840	5		
K972138		<20	<0.01	<10	<10	13	<10	2500	7		
K972139		<20	<0.01	<10	<10	14	<10	3500	4		
K972144		<20	<0.01	<10	<10	11	<10	4790	7		
K972145		<20	<0.01	<10	<10	<1	<10	52	<1		
K972146		<20	<0.01	<10	<10	8	<10	3420	3		
K972147		<20	<0.01	<10	<10	12	<10	3110	2		
K972148		<20	<0.01	<10	<10	13	<10	3050	2		
K972149		<20	<0.01	<10	<10	13	<10	2010	1		
K972150		<20	<0.01	<10	<10	11	<10	2020	4		
K972151		<20	<0.01	<10	<10	11	<10	4740	5		
K972152		<20	<0.01	<10	<10	7	150	>10000	441	3.05	3.49
K972153		<20	<0.01	<10	<10	9	<10	1300	4		
K972154		<20	<0.01	<10	<10	11	<10	760	1		
K972155		<20	<0.01	<10	<10	9	<10	1380	4		
K972156		<20	<0.01	<10	<10	10	<10	1155	6		
K972157		<20	<0.01	<10	<10	9	<10	1645	8		
K972158		<20	<0.01	<10	<10	<1	<10	27	<1		
K972159		<20	<0.01	<10	10	11	<10	1770	15		
K972160		<20	<0.01	<10	10	14	<10	876	2		
K972161		<20	<0.01	<10	<10	14	<10	111	<1		
K972162		<20	<0.01	<10	10	15	<10	380	2		
K972163		<20	<0.01	<10	10	6	<10	600	1		
K972164		<20	<0.01	<10	10	6	<10	1975	5		
K972165		<20	<0.01	<10	<10	8	<10	809	8		
K972166		<20	<0.01	<10	20	14	<10	577	6		
K972167		<20	<0.01	<10	<10	6	<10	264	3		
K972168		<20	<0.01	<10	<10	6	<10	818	4		
K972169		<20	<0.01	<10	<10	6	<10	1450	13		
K972170		<20	<0.01	<10	<10	7	150	>10000	427	3.19	3.53
K972171		<20	<0.01	<10	10	9	<10	762	18		
K972172		<20	<0.01	<10	10	13	<10	1645	6		
K972173		<20	<0.01	<10	10	8	<10	393	18		
K972174		<20	<0.01	<10	<10	7	<10	494	9		
K972175		<20	<0.01	<10	10	10	<10	288	9		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177334

Project: Klaza DDH- 35

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 35

CERTIFICATE OF ANALYSIS WH11177334

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K272876		3.60	<0.005	<0.2	1.21	7	<10	200	0.5	<2	1.71	<0.5	6	9	26	2.71
K272877		0.12	1.570	35.7	5.08	155	<10	40	<0.5	16	4.60	33.5	90	57	7360	8.36
K272878		3.16	<0.005	<0.2	0.77	24	<10	700	0.9	<2	3.48	<0.5	8	5	38	2.86
K272879		3.71	<0.005	<0.2	0.72	17	<10	1120	0.8	<2	3.14	<0.5	9	5	20	2.69
K272880		4.62	<0.005	<0.2	0.65	14	<10	1430	0.8	<2	3.27	<0.5	6	4	15	2.43
K272881		2.44	<0.005	<0.2	0.83	14	<10	110	0.9	<2	1.88	<0.5	6	5	25	2.50
K272882		3.95	<0.005	<0.2	0.94	8	<10	230	0.6	<2	1.90	<0.5	4	8	29	2.64
K272883		3.81	<0.005	<0.2	0.71	7	<10	300	0.8	<2	2.36	<0.5	5	6	19	2.54
K272884		4.87	0.040	0.6	0.52	60	<10	350	0.7	<2	3.13	<0.5	5	4	64	2.55
K272885		3.61	<0.005	<0.2	0.87	9	<10	470	0.6	<2	2.33	<0.5	5	6	19	2.60
K272886		4.28	<0.005	<0.2	0.99	23	<10	580	0.7	<2	1.88	<0.5	5	7	14	2.55
K272887		4.28	0.014	0.7	0.86	66	<10	170	0.8	<2	2.22	0.9	7	6	12	2.53
K272888		3.73	<0.005	<0.2	1.22	7	<10	140	0.7	<2	1.64	<0.5	5	6	9	2.57
K272889		3.19	<0.005	<0.2	0.99	11	<10	360	0.8	<2	2.04	<0.5	5	6	5	3.10
K272890		4.86	<0.005	<0.2	1.25	7	<10	250	0.6	<2	1.87	<0.5	6	8	8	2.94
K272891		0.16	1.370	33.0	5.01	159	<10	50	<0.5	19	4.56	34.0	91	58	7360	8.38
K272892		3.51	<0.005	<0.2	0.72	11	<10	220	0.7	<2	2.48	<0.5	3	5	24	2.08
K272893		5.18	<0.005	<0.2	1.03	10	<10	150	0.9	<2	2.61	<0.5	4	5	3	2.81
K272894		4.92	0.184	2.9	0.69	15	<10	610	0.8	4	3.71	<0.5	5	3	20	2.21
K272895		2.07	<0.005	<0.2	0.04	5	<10	10	<0.5	<2	19.0	<0.5	<1	<1	<1	0.46
K272896		3.30	<0.005	<0.2	0.58	12	<10	780	0.6	<2	2.09	<0.5	3	4	6	2.74
K272897		3.87	<0.005	<0.2	0.94	7	<10	310	0.7	<2	2.18	<0.5	6	6	3	2.63
K272898		6.03	<0.005	<0.2	1.04	7	<10	710	0.6	<2	2.52	<0.5	5	7	1	2.58
K272899		2.70	<0.005	<0.2	0.95	7	<10	380	0.6	<2	2.48	<0.5	5	6	1	2.50
K272900		3.17	<0.005	0.2	1.31	7	<10	430	0.6	<2	2.16	<0.5	6	8	5	2.52
K272901		3.83	<0.005	<0.2	1.14	6	<10	350	0.7	<2	2.64	<0.5	6	6	4	2.65
K272902		1.48	0.005	0.5	0.80	38	<10	930	1.1	<2	3.06	0.7	4	4	26	1.99
K272903		5.87	<0.005	<0.2	0.78	15	<10	1190	1.5	<2	3.14	0.5	5	6	7	1.97
K272904		5.50	0.223	5.6	0.60	231	<10	370	1.3	<2	1.82	21.3	6	3	26	2.26
K272905		2.52	0.006	0.2	0.64	16	<10	750	0.9	<2	1.57	1.7	2	2	3	1.11
K272906		6.62	<0.005	<0.2	0.72	9	<10	840	0.8	<2	2.69	<0.5	7	6	10	2.73
K272907		1.97	<0.005	0.5	0.81	13	<10	880	0.6	<2	2.56	<0.5	9	7	29	2.88
K272908		1.85	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.8	<0.5	<1	<1	<1	0.47
K272909		4.85	<0.005	0.8	1.18	3	<10	280	<0.5	<2	1.45	<0.5	6	10	18	2.73
K272910		5.06	<0.005	0.3	1.03	14	<10	250	0.5	<2	2.06	<0.5	7	9	16	2.79

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 35

CERTIFICATE OF ANALYSIS WH11177334

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K272876		<10	<1	0.24	30	0.71	446	1	0.06	5	650	7	0.01	5	8	129
K272877		10	1	0.25	10	1.17	626	45	0.34	327	710	8570	7.75	31	4	80
K272878		<10	1	0.29	20	1.02	712	2	0.01	4	580	29	0.32	7	9	212
K272879		<10	1	0.28	20	0.99	705	1	0.01	3	520	10	0.24	4	8	229
K272880		<10	1	0.24	20	1.05	677	1	0.01	3	460	11	0.25	5	8	199
K272881		<10	1	0.26	20	0.63	544	1	0.01	3	580	9	0.18	7	11	182
K272882		<10	<1	0.22	20	0.66	549	1	0.06	2	620	7	0.01	6	8	145
K272883		<10	<1	0.25	20	0.77	628	1	0.04	3	580	9	0.02	7	8	176
K272884		<10	<1	0.34	20	0.96	1465	1	0.01	2	480	13	0.45	8	4	141
K272885		<10	<1	0.27	20	0.83	767	1	0.04	3	570	6	0.06	4	6	163
K272886		<10	<1	0.24	20	0.66	675	2	0.03	2	600	9	0.11	3	7	146
K272887		<10	<1	0.32	20	0.75	1140	1	0.01	3	570	50	0.32	5	7	136
K272888		<10	1	0.24	20	0.71	652	<1	0.01	2	620	17	0.02	3	8	143
K272889		<10	1	0.30	20	0.74	1240	<1	0.01	3	600	10	0.14	2	7	133
K272890		<10	<1	0.26	30	0.73	556	1	0.07	2	670	8	0.02	3	8	150
K272891		10	2	0.25	10	1.16	629	48	0.34	330	700	8600	7.61	30	4	79
K272892		<10	<1	0.29	20	0.77	614	9	0.01	3	530	13	0.04	2	5	145
K272893		<10	1	0.29	30	0.73	652	3	0.02	2	650	8	0.06	3	8	155
K272894		<10	<1	0.28	20	0.64	947	1	0.01	2	530	12	0.19	4	5	195
K272895		<10	<1	0.02	10	12.25	211	<1	<0.01	3	170	<2	0.02	<2	<1	46
K272896		<10	<1	0.28	20	0.65	981	<1	0.03	2	570	4	0.10	3	4	122
K272897		<10	<1	0.24	20	0.71	619	<1	0.04	2	630	8	0.02	3	7	147
K272898		<10	<1	0.26	30	0.69	719	<1	0.04	3	630	3	0.02	3	4	134
K272899		<10	<1	0.27	30	0.67	715	<1	0.04	2	590	5	0.02	2	4	125
K272900		<10	1	0.20	30	0.70	540	<1	0.04	4	560	8	0.02	<2	6	145
K272901		<10	1	0.26	30	0.73	742	<1	0.03	2	580	5	0.03	2	5	146
K272902		<10	<1	0.28	20	0.68	932	1	0.01	4	590	59	0.18	3	4	245
K272903		<10	<1	0.37	10	0.88	740	<1	0.02	10	610	31	0.10	4	4	443
K272904		<10	1	0.29	10	0.48	1655	5	0.01	4	250	779	0.71	12	3	213
K272905		<10	<1	0.23	10	0.43	1000	3	0.01	1	170	45	0.10	4	2	142
K272906		<10	<1	0.28	20	0.79	1320	1	0.02	3	570	11	0.06	4	6	159
K272907		<10	<1	0.28	20	0.80	1595	<1	0.04	2	580	17	0.16	5	6	127
K272908		<10	1	0.01	10	12.95	220	<1	0.01	4	230	<2	0.02	<2	<1	48
K272909		<10	1	0.23	20	0.76	753	1	0.09	4	610	53	0.02	<2	6	87
K272910		<10	1	0.24	30	0.80	869	<1	0.06	4	590	13	0.04	2	7	107

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VANCOUVER BC V6B 1L8

Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 35

CERTIFICATE OF ANALYSIS WH11177334

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K272876		<20	0.04	<10	<10	52	<10	39	2
K272877		<20	0.06	<10	10	320	20	7830	31
K272878		<20	<0.01	<10	<10	37	<10	69	<1
K272879		<20	<0.01	<10	<10	35	<10	39	<1
K272880		<20	<0.01	<10	<10	34	<10	40	<1
K272881		<20	<0.01	<10	<10	38	<10	35	<1
K272882		<20	0.02	<10	<10	45	<10	40	<1
K272883		<20	0.01	<10	<10	41	<10	43	<1
K272884		<20	<0.01	<10	10	15	<10	42	<1
K272885		<20	0.01	<10	<10	38	<10	40	<1
K272886		<20	0.01	<10	<10	36	<10	42	<1
K272887		<20	<0.01	<10	<10	32	<10	110	1
K272888		<20	0.01	<10	<10	44	<10	56	<1
K272889		<20	<0.01	<10	<10	36	<10	79	<1
K272890		20	0.02	<10	<10	49	<10	55	<1
K272891		<20	0.06	<10	10	322	20	8020	32
K272892		<20	<0.01	<10	<10	30	<10	51	<1
K272893		20	<0.01	<10	<10	39	<10	43	<1
K272894		<20	<0.01	<10	<10	21	<10	44	3
K272895		<20	<0.01	<10	<10	<1	<10	12	<1
K272896		<20	<0.01	<10	<10	26	<10	57	<1
K272897		<20	0.01	<10	<10	39	<10	42	<1
K272898		<20	<0.01	<10	<10	32	<10	47	<1
K272899		<20	<0.01	<10	<10	31	<10	47	<1
K272900		<20	0.01	<10	<10	41	<10	39	<1
K272901		<20	<0.01	<10	<10	34	<10	47	<1
K272902		<20	<0.01	<10	<10	18	<10	98	<1
K272903		<20	<0.01	<10	<10	22	<10	75	1
K272904		<20	<0.01	<10	<10	9	<10	1475	6
K272905		<20	<0.01	<10	10	6	<10	167	<1
K272906		<20	<0.01	<10	<10	34	<10	70	<1
K272907		<20	<0.01	<10	<10	34	<10	71	<1
K272908		<20	<0.01	<10	<10	<1	<10	16	<1
K272909		<20	0.05	<10	<10	50	<10	47	2
K272910		<20	0.01	<10	<10	42	<10	54	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177335

Project: Klaza DDH- 52

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11177335

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972064		7.35	<0.005	<0.2	1.10	8	<10	290	0.5	<2	0.77	2.6	5	9	5	2.74
K972065		11.57	<0.005	<0.2	1.34	3	<10	600	0.5	<2	1.20	<0.5	5	8	4	2.70
K972066		12.27	<0.005	<0.2	1.20	7	<10	230	<0.5	<2	1.41	<0.5	4	10	3	2.70
K972067		10.78	<0.005	<0.2	1.35	9	<10	400	<0.5	<2	1.84	0.6	4	9	2	2.88
K972068		13.90	<0.005	0.2	0.91	10	<10	420	<0.5	<2	2.23	1.8	3	8	3	2.44
K972069		11.06	0.007	<0.2	0.78	16	<10	940	0.5	<2	3.10	1.2	3	5	2	1.88
K972070		0.16	1.525	33.4	4.99	149	<10	40	<0.5	7	4.78	32.7	84	58	7550	8.49
K972071		12.55	0.008	0.6	0.70	30	<10	870	0.6	<2	2.16	12.9	4	5	32	2.39
K972072		5.39	0.311	10.7	0.75	54	<10	580	0.6	<2	2.60	27.5	3	6	62	2.87
K972073		12.67	0.021	0.5	0.81	25	<10	700	0.7	<2	2.13	5.7	3	6	7	2.54
K972074		11.28	0.005	0.2	0.84	14	<10	590	0.6	<2	2.55	0.7	3	6	3	2.18
K972075		4.41	<0.005	<0.2	0.89	10	<10	690	0.5	<2	1.77	<0.5	4	7	2	2.08
K972076		4.26	0.005	0.2	0.60	19	<10	1530	0.7	<2	2.18	<0.5	5	4	5	2.54
K972077		1.64	0.005	0.2	0.56	21	<10	1390	0.7	<2	2.37	<0.5	6	4	7	2.54
K972078		11.84	<0.005	<0.2	0.86	10	<10	410	0.5	<2	1.97	<0.5	4	7	4	2.47
K972079		6.78	0.005	<0.2	0.62	26	<10	1050	0.8	<2	2.96	<0.5	5	4	3	2.57
K972080		6.53	<0.005	<0.2	0.73	13	<10	670	0.8	<2	2.60	<0.5	4	4	3	2.42
K972081		3.95	0.005	0.2	0.74	19	<10	620	0.7	<2	2.35	<0.5	5	5	2	2.70
K972082		13.50	<0.005	0.2	0.89	11	<10	590	0.6	<2	1.98	0.9	5	7	5	2.70
K972083		10.01	<0.005	0.2	0.98	14	<10	840	0.6	<2	2.48	0.5	4	7	6	2.55
K972084		5.52	0.005	0.3	0.79	18	<10	690	0.6	<2	2.54	0.7	4	5	20	2.10
K972085		3.36	0.289	4.8	0.49	224	<10	60	0.7	4	1.74	15.7	4	6	104	4.17
K972086		1.97	<0.005	<0.2	0.05	2	<10	10	<0.5	<2	19.2	<0.5	1	1	1	0.40
K972087		8.92	<0.005	<0.2	0.80	25	<10	250	0.6	<2	1.62	1.1	5	6	3	2.37
K972088		10.27	<0.005	<0.2	1.17	4	<10	310	0.5	<2	1.76	<0.5	4	8	2	2.45
K972089		9.67	<0.005	0.3	1.46	6	<10	270	0.5	<2	2.57	<0.5	2	7	1	2.29
K972090		8.93	<0.005	<0.2	1.19	9	<10	90	0.5	<2	3.41	<0.5	2	4	1	1.94
K972091		0.16	1.395	33.3	4.79	146	<10	40	<0.5	6	4.50	31.7	83	57	7280	8.22
K972092		4.14	<0.005	0.3	1.12	7	<10	70	0.6	<2	4.02	<0.5	4	4	7	2.12
K972093		11.62	<0.005	<0.2	1.04	8	<10	370	0.5	<2	2.19	<0.5	2	7	3	2.40
K972094		11.42	<0.005	0.2	0.63	9	<10	190	0.5	<2	2.24	<0.5	3	4	3	2.13
K972095		4.27	<0.005	<0.2	0.55	8	<10	410	0.5	<2	2.59	<0.5	2	4	2	1.81
K972096		11.60	0.010	0.4	0.76	12	<10	190	0.6	<2	1.76	6.0	2	6	4	2.59
K972097		5.77	<0.005	0.2	0.58	15	<10	120	0.5	<2	2.33	1.1	2	4	1	2.46
K972098		2.19	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.2	<0.5	1	<1	3	0.44
K972099		5.74	0.236	4.3	0.42	116	<10	120	<0.5	<2	2.21	67.3	5	3	53	3.28

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11177335

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972064		<10	<1	0.17	20	0.48	521	<1	0.07	1	600	20	0.01	<2	6	38
K972065		<10	<1	0.12	20	0.63	462	<1	0.06	1	590	9	0.01	<2	6	54
K972066		<10	<1	0.16	20	0.66	509	1	0.07	1	560	12	0.02	<2	6	50
K972067		10	1	0.19	20	0.75	545	1	0.06	1	610	9	0.05	2	6	62
K972068		<10	<1	0.28	20	0.47	620	3	0.05	2	570	78	0.10	<2	5	70
K972069		<10	<1	0.30	20	0.36	635	2	0.02	1	570	9	0.20	<2	4	88
K972070		10	1	0.25	<10	1.20	624	46	0.34	327	690	8560	7.31	26	4	81
K972071		<10	<1	0.35	20	0.26	1115	2	0.02	2	570	218	0.28	<2	5	70
K972072		<10	<1	0.24	20	0.63	975	2	0.02	<1	540	5380	0.56	10	7	90
K972073		<10	<1	0.31	20	0.47	699	2	0.02	1	560	235	0.18	<2	6	87
K972074		<10	<1	0.28	20	0.45	526	2	0.03	1	580	22	0.07	<2	5	85
K972075		<10	1	0.27	20	0.35	579	3	0.01	1	610	7	0.09	<2	6	56
K972076		<10	<1	0.24	20	0.55	765	3	0.01	1	520	15	0.21	<2	8	77
K972077		<10	<1	0.22	20	0.54	848	4	0.01	1	470	18	0.21	2	8	74
K972078		<10	<1	0.22	20	0.49	540	2	0.05	1	590	11	0.05	2	6	78
K972079		<10	<1	0.29	20	0.84	844	2	0.01	1	610	15	0.32	<2	9	100
K972080		<10	<1	0.27	20	0.62	665	2	0.02	1	570	13	0.18	<2	8	95
K972081		<10	<1	0.25	20	0.67	952	2	0.02	1	560	30	0.19	<2	7	92
K972082		<10	<1	0.28	20	0.57	794	2	0.05	1	570	95	0.10	<2	6	90
K972083		<10	<1	0.24	20	0.51	695	2	0.04	1	580	26	0.08	<2	6	94
K972084		<10	<1	0.28	20	0.62	692	1	0.02	<1	580	12	0.16	2	6	80
K972085		<10	<1	0.35	10	0.55	2350	2	0.02	1	500	434	2.11	7	3	45
K972086		<10	<1	0.03	<10	12.00	183	<1	0.02	<1	310	2	0.02	<2	<1	55
K972087		<10	<1	0.23	20	0.46	906	1	0.01	2	560	18	0.17	<2	8	46
K972088		<10	<1	0.14	20	0.54	390	1	0.06	1	580	9	0.03	2	7	54
K972089		<10	<1	0.15	30	0.73	552	1	0.05	1	560	7	0.03	<2	7	73
K972090		<10	<1	0.19	30	0.64	637	2	0.04	1	550	5	0.05	<2	6	72
K972091		10	1	0.25	<10	1.12	615	44	0.33	314	650	8230	7.09	27	4	77
K972092		<10	<1	0.18	30	0.57	758	3	0.03	3	490	13	0.11	<2	6	73
K972093		<10	<1	0.14	20	0.57	474	1	0.04	2	540	10	0.05	2	7	65
K972094		<10	<1	0.13	20	0.58	762	1	0.02	4	550	6	0.15	<2	7	55
K972095		<10	1	0.16	30	0.74	801	1	0.03	1	550	47	0.03	<2	6	58
K972096		<10	1	0.23	30	0.58	1045	<1	0.02	1	520	142	0.21	<2	6	41
K972097		<10	1	0.28	30	0.64	1485	<1	0.02	<1	500	54	0.23	<2	5	48
K972098		<10	<1	0.02	<10	11.80	215	<1	0.02	<1	220	2	0.03	<2	<1	54
K972099		<10	1	0.26	10	0.54	2650	3	0.02	1	380	1335	1.24	7	3	45

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11177335

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972064		<20	0.03	<10	<10	48	<10	167	<1
K972065		<20	0.03	<10	<10	50	<10	49	<1
K972066		<20	0.02	<10	<10	48	<10	64	<1
K972067		20	0.02	<10	<10	47	<10	77	<1
K972068		<20	0.01	<10	<10	31	<10	139	<1
K972069		<20	<0.01	<10	<10	19	<10	144	<1
K972070		<20	0.06	<10	<10	325	<10	7590	32
K972071		<20	<0.01	<10	<10	22	<10	1065	<1
K972072		<20	<0.01	<10	<10	35	<10	1660	10
K972073		<20	<0.01	<10	<10	29	<10	476	<1
K972074		<20	<0.01	<10	<10	27	<10	196	<1
K972075		<20	<0.01	<10	<10	26	<10	60	<1
K972076		<20	<0.01	<10	<10	33	<10	109	<1
K972077		<20	<0.01	<10	<10	31	<10	106	<1
K972078		<20	0.02	<10	<10	39	<10	59	<1
K972079		<20	<0.01	<10	<10	31	<10	55	1
K972080		<20	<0.01	<10	<10	31	<10	40	<1
K972081		<20	<0.01	<10	<10	31	<10	74	<1
K972082		<20	0.01	<10	<10	35	<10	97	<1
K972083		<20	0.01	<10	<10	36	<10	125	<1
K972084		<20	<0.01	<10	<10	26	<10	209	1
K972085		<20	<0.01	<10	<10	9	<10	1605	5
K972086		<20	<0.01	<10	10	1	<10	18	<1
K972087		<20	<0.01	<10	<10	30	<10	471	<1
K972088		<20	0.02	<10	<10	46	<10	61	<1
K972089		<20	<0.01	<10	<10	37	<10	41	<1
K972090		<20	<0.01	<10	<10	23	<10	49	<1
K972091		<20	0.05	<10	<10	312	<10	7610	29
K972092		<20	<0.01	<10	<10	25	<10	53	1
K972093		<20	0.01	<10	<10	40	<10	42	<1
K972094		<20	<0.01	<10	<10	30	<10	56	<1
K972095		<20	<0.01	<10	<10	35	<10	61	1
K972096		<20	<0.01	<10	<10	33	<10	471	1
K972097		<20	<0.01	<10	<10	21	<10	123	1
K972098		<20	<0.01	<10	10	1	<10	16	1
K972099		<20	<0.01	<10	<10	12	<10	4570	4

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11177336

Project: KLAZA- DDH- 40

P.O. No.: Batch 4

This report is for 28 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
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Finalized Date: 4- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 40

CERTIFICATE OF ANALYSIS WH11177336

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973192		3.09	0.221	2.3	0.52	273	<10	20	0.5	2	1.79	11.4	10	3	11	4.37
K973193		8.65	0.010	0.4	0.68	18	<10	60	0.6	<2	1.69	1.0	6	4	9	2.41
K973194		7.45	0.011	0.3	1.02	9	<10	120	0.6	<2	2.25	<0.5	7	4	13	3.19
K973195		6.26	0.011	0.4	0.73	10	<10	40	0.5	<2	2.17	0.7	8	3	14	3.24
K973196		10.97	0.007	0.2	1.19	13	<10	140	0.6	<2	1.92	<0.5	8	6	19	3.08
K973197		9.69	<0.005	<0.2	1.21	4	<10	210	<0.5	<2	1.16	<0.5	7	8	6	2.88
K973198		0.17	1.470	31.6	4.56	131	<10	40	<0.5	7	4.31	29.8	78	51	6410	7.85
K973199		9.23	0.024	0.2	1.07	8	<10	210	<0.5	<2	1.71	<0.5	8	7	14	2.72
K973200		9.32	<0.005	<0.2	0.94	4	<10	340	<0.5	<2	1.37	<0.5	7	7	4	2.57
K973201		4.38	0.272	2.5	0.65	291	<10	50	0.6	<2	1.75	8.0	9	4	12	3.98
K973202		13.13	0.006	<0.2	1.30	5	<10	420	0.5	<2	1.55	<0.5	7	8	4	2.85
K973203		4.65	0.006	0.2	0.90	5	<10	200	0.7	<2	2.91	<0.5	9	4	10	2.12
K973204		2.81	0.033	0.7	0.67	57	<10	120	0.7	<2	2.55	3.2	9	3	8	3.05
K973205		0.17	1.575	31.8	4.73	132	<10	40	<0.5	12	4.52	31.0	81	53	6710	8.22
K973206		11.59	0.032	1.1	1.71	16	<10	270	0.8	<2	2.86	2.1	10	6	19	3.12
K973207		5.52	<0.005	0.2	1.03	8	<10	300	<0.5	<2	1.95	<0.5	8	7	15	2.65
K973208		10.06	0.007	0.2	0.99	52	<10	430	0.5	<2	1.71	<0.5	7	7	16	2.63
K973209		5.16	0.640	4.4	0.39	3390	<10	20	<0.5	<2	2.05	37.7	7	4	61	3.61
K973210		1.94	0.005	<0.2	0.02	6	<10	10	<0.5	<2	17.4	<0.5	3	<1	1	0.44
K973211		9.15	0.019	0.8	1.05	150	<10	410	0.6	<2	2.43	1.0	8	7	31	2.78
K973212		12.35	0.009	0.3	1.06	33	<10	310	<0.5	<2	1.78	<0.5	8	7	30	2.90
K973213		12.57	<0.005	<0.2	1.14	7	<10	300	<0.5	<2	1.27	<0.5	8	9	21	2.88
K973214		6.48	<0.005	0.2	1.18	4	<10	480	<0.5	<2	1.29	<0.5	7	9	28	2.72
K973215		3.32	0.007	0.2	1.10	19	<10	710	<0.5	<2	1.23	<0.5	7	8	25	2.70
K973216		10.39	<0.005	0.2	1.25	6	<10	250	<0.5	<2	1.26	<0.5	7	9	16	2.75
K973217		8.82	<0.005	0.2	1.11	6	<10	250	<0.5	<2	1.02	<0.5	7	8	14	2.53
K973218		2.17	<0.005	0.3	0.04	<2	<10	20	<0.5	<2	17.2	<0.5	3	1	2	0.42
K973219		7.60	0.026	0.2	1.06	19	<10	210	<0.5	<2	1.57	0.7	7	8	24	2.76

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Finalized Date: 4- NOV- 2011
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Project: KLAZA- DDH- 40

CERTIFICATE OF ANALYSIS WH11177336

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973192		<10	1	0.38	10	0.47	1550	3	0.02	1	570	589	4.17	6	3	50
K973193		<10	1	0.21	20	0.51	630	<1	0.02	<1	610	50	1.37	4	6	69
K973194		<10	<1	0.19	20	0.58	545	<1	0.04	1	580	18	1.83	4	6	116
K973195		<10	<1	0.25	20	0.64	818	<1	0.02	<1	560	40	2.50	<2	4	84
K973196		<10	1	0.19	20	0.59	566	<1	0.05	1	560	19	1.29	2	5	145
K973197		<10	1	0.16	20	0.73	544	1	0.09	1	580	15	0.43	2	5	97
K973198		10	1	0.23	10	1.06	587	42	0.34	273	630	7330	6.91	25	4	76
K973199		<10	<1	0.17	20	0.63	653	<1	0.08	<1	570	22	0.68	3	6	95
K973200		<10	1	0.21	20	0.59	601	<1	0.10	<1	560	9	0.12	<2	6	79
K973201		<10	1	0.27	10	0.50	1035	<1	0.02	<1	520	453	3.38	4	4	86
K973202		<10	<1	0.20	20	0.75	806	<1	0.07	1	590	15	0.47	3	6	152
K973203		<10	1	0.21	10	0.39	927	<1	0.03	1	570	14	1.31	3	7	127
K973204		<10	1	0.30	20	0.67	1470	<1	0.02	1	570	54	1.92	2	4	99
K973205		10	1	0.24	10	1.11	614	46	0.35	282	660	7690	7.21	28	4	79
K973206		<10	<1	0.20	20	0.86	1305	<1	0.04	1	580	148	0.97	3	5	143
K973207		<10	<1	0.16	20	0.70	821	<1	0.08	1	590	14	0.45	4	6	85
K973208		<10	1	0.21	10	0.57	757	1	0.07	1	560	24	0.23	3	6	103
K973209		<10	1	0.28	10	0.37	2230	2	0.02	<1	410	490	3.22	17	2	62
K973210		<10	<1	0.01	<10	11.15	215	<1	0.02	1	150	3	0.08	<2	<1	44
K973211		<10	<1	0.24	20	0.60	1015	1	0.04	1	580	113	0.54	5	7	121
K973212		<10	<1	0.23	20	0.66	732	1	0.09	<1	600	22	0.39	2	6	85
K973213		<10	<1	0.20	10	0.66	509	2	0.10	<1	580	17	0.27	2	5	64
K973214		<10	1	0.23	10	0.64	574	2	0.11	1	610	13	0.07	2	5	69
K973215		<10	<1	0.23	10	0.65	562	2	0.10	1	590	14	0.09	3	4	69
K973216		<10	<1	0.19	10	0.65	536	1	0.08	1	590	13	0.25	3	4	100
K973217		<10	<1	0.15	10	0.60	416	62	0.10	1	560	12	0.39	2	3	63
K973218		<10	1	0.02	<10	10.90	189	<1	0.02	1	180	3	0.08	<2	<1	43
K973219		<10	1	0.19	10	0.61	635	1	0.07	1	590	33	0.63	2	4	63

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 40

CERTIFICATE OF ANALYSIS WH11177336

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973192		<20	<0.01	<10	<10	6	<10	868	2
K973193		<20	<0.01	<10	<10	20	<10	113	<1
K973194		<20	<0.01	<10	<10	26	<10	57	<1
K973195		<20	<0.01	<10	<10	14	<10	88	1
K973196		<20	0.02	<10	<10	37	<10	55	<1
K973197		<20	0.08	<10	<10	52	<10	49	<1
K973198		<20	0.05	<10	10	295	<10	6880	32
K973199		<20	0.02	<10	<10	41	<10	62	<1
K973200		<20	0.07	<10	<10	48	<10	46	<1
K973201		<20	<0.01	<10	<10	18	<10	626	2
K973202		<20	0.03	<10	<10	45	<10	73	1
K973203		<20	<0.01	<10	<10	23	<10	46	1
K973204		<20	<0.01	<10	<10	14	<10	300	<1
K973205		<20	0.05	<10	<10	305	<10	7080	31
K973206		<20	0.01	<10	<10	37	<10	217	<1
K973207		<20	0.03	<10	<10	43	<10	75	<1
K973208		<20	0.04	<10	<10	43	<10	63	<1
K973209		<20	<0.01	<10	<10	5	<10	2660	5
K973210		<20	<0.01	<10	<10	<1	<10	15	<1
K973211		<20	0.01	<10	<10	33	<10	113	1
K973212		<20	0.03	<10	<10	46	<10	54	1
K973213		<20	0.11	<10	<10	55	<10	41	<1
K973214		<20	0.12	<10	<10	56	<10	44	<1
K973215		<20	0.12	<10	<10	55	<10	42	<1
K973216		<20	0.10	<10	<10	54	<10	42	<1
K973217		<20	0.13	<10	<10	48	<10	38	<1
K973218		<20	<0.01	<10	<10	1	<10	13	<1
K973219		<20	0.09	<10	<10	45	<10	73	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177338

Project: KLAZA- DDH- 48

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11177338

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K972480		11.11	<0.005	<0.2	1.27	<2	<10	330	<0.5	2	0.95	<0.5	7	10	26	2.36
K972481		11.42	<0.005	<0.2	1.34	4	<10	260	<0.5	2	1.01	<0.5	8	10	12	2.41
K972482		11.81	<0.005	<0.2	1.30	2	<10	270	<0.5	<2	1.33	<0.5	7	10	20	2.44
K972483		0.15	1.450	33.1	4.90	147	<10	40	<0.5	<2	4.40	32.7	85	56	7270	8.14
K972484		7.58	0.022	1.3	0.99	14	<10	230	<0.5	5	1.74	2.0	8	8	119	2.75
K972485		4.38	0.022	0.8	1.07	11	<10	270	<0.5	4	1.34	<0.5	8	8	140	2.71
K972486		9.60	<0.005	0.2	0.74	17	<10	430	0.6	3	1.62	<0.5	8	5	6	2.27
K972487		7.84	0.055	6.3	0.50	163	<10	160	<0.5	6	1.08	8.6	12	8	533	2.47
K972488		7.05	<0.005	1.1	0.48	60	<10	250	<0.5	3	1.32	4.9	4	4	24	1.32
K972489		3.57	0.040	3.4	0.43	741	<10	250	<0.5	3	1.28	23.5	8	5	45	2.52
K972490		1.14	<0.005	<0.2	0.04	2	<10	20	<0.5	<2	19.2	<0.5	3	<1	1	0.44
K972491		6.37	0.013	2.3	0.49	266	<10	370	0.5	2	1.98	18.8	8	5	24	2.43
K972492		8.68	0.029	2.9	0.70	175	<10	410	0.5	4	2.20	6.7	7	6	99	2.62
K972493		10.92	<0.005	<0.2	1.06	24	<10	220	<0.5	2	1.54	<0.5	8	8	6	2.36
K972494		5.64	0.031	1.2	0.85	129	<10	330	<0.5	2	1.59	4.1	8	8	12	2.43
K972495		4.34	<0.005	<0.2	0.90	7	<10	440	0.5	2	1.76	<0.5	8	8	9	2.37
K972496		5.70	<0.005	<0.2	0.65	13	<10	470	0.6	4	1.42	<0.5	8	8	3	2.34
K972497		8.29	0.043	0.8	0.48	189	<10	340	0.8	2	2.11	2.2	9	3	10	3.23
K972498		3.68	1.395	13.9	0.34	2330	<10	100	<0.5	4	4.95	64.8	6	3	78	4.99
K972499		9.30	<0.005	<0.2	0.81	19	<10	550	0.6	<2	1.79	<0.5	7	6	10	2.52
K972500		1.30	<0.005	<0.2	0.04	11	<10	10	<0.5	<2	18.7	<0.5	2	1	1	0.46
L828501		13.28	<0.005	<0.2	0.68	12	<10	440	0.5	<2	1.78	<0.5	7	7	5	2.20
L828502		5.09	0.092	1.4	0.52	64	<10	740	0.6	<2	2.90	5.8	7	5	13	2.62
L828503		7.98	<0.005	<0.2	1.15	16	<10	190	<0.5	<2	1.40	1.0	7	9	5	2.58
L828504		4.31	0.048	1.1	0.73	69	<10	330	<0.5	<2	1.79	5.1	8	6	44	2.97
L828505		12.99	<0.005	<0.2	1.17	12	<10	270	<0.5	<2	1.61	<0.5	10	9	53	2.43
L828506		4.10	0.028	0.2	1.09	10	<10	220	<0.5	<2	1.59	1.0	10	11	49	2.40
L828507		10.71	<0.005	<0.2	1.15	18	<10	330	<0.5	<2	1.61	<0.5	11	9	27	2.50
L828508		10.38	<0.005	<0.2	0.57	15	<10	330	<0.5	<2	3.34	1.7	6	9	2	1.54
L828509		13.59	<0.005	<0.2	1.14	8	<10	190	<0.5	<2	1.28	<0.5	7	10	5	2.34
L828510		13.07	<0.005	<0.2	1.23	7	<10	210	<0.5	<2	1.61	<0.5	7	12	6	2.36
L828511		10.06	<0.005	<0.2	0.98	7	<10	200	<0.5	2	2.10	<0.5	6	7	2	2.32
L828512		4.37	0.010	0.4	0.62	23	<10	500	0.5	2	2.13	2.2	9	9	6	3.06
L828513		0.10	NSS	>100	0.18	>10000	<10	10	<0.5	<2	0.40	327	4	10	1630	13.10
L828514		12.75	<0.005	<0.2	1.10	7	<10	170	<0.5	<2	1.50	<0.5	5	9	6	2.42
L828515		6.08	<0.005	<0.2	1.07	10	<10	170	<0.5	2	1.05	<0.5	7	10	8	2.26

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11177338

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972480		10	<1	0.22	20	0.61	448	1	0.11	1	550	12	0.01	<2	4	38
K972481		10	<1	0.18	20	0.61	427	1	0.10	1	590	11	0.01	<2	3	38
K972482		<10	<1	0.20	20	0.63	552	1	0.10	2	580	12	0.02	<2	4	41
K972483		10	1	0.23	10	1.12	619	48	0.33	318	690	8470	7.24	31	4	76
K972484		<10	<1	0.21	20	0.54	897	1	0.07	2	590	54	0.54	<2	5	70
K972485		<10	1	0.18	20	0.56	626	1	0.09	2	600	16	0.30	<2	5	65
K972486		<10	<1	0.21	20	0.30	749	2	0.02	2	570	8	0.15	<2	6	48
K972487		<10	1	0.34	20	0.27	1320	2	0.02	2	500	377	1.40	34	2	15
K972488		<10	<1	0.33	20	0.36	1130	2	0.02	<1	550	220	0.15	4	2	21
K972489		<10	1	0.31	20	0.40	1375	1	0.02	<1	440	1235	0.80	7	2	22
K972490		<10	<1	0.02	<10	11.75	218	<1	0.02	<1	190	6	<0.01	<2	<1	48
K972491		<10	<1	0.35	20	0.68	1600	<1	0.02	2	570	912	0.67	2	3	53
K972492		<10	<1	0.24	20	0.60	1500	1	0.04	1	540	399	0.47	5	5	85
K972493		<10	<1	0.15	20	0.64	599	1	0.09	1	640	40	0.07	3	5	56
K972494		<10	<1	0.19	20	0.59	1005	1	0.07	2	550	274	0.27	2	5	61
K972495		<10	<1	0.19	20	0.60	508	1	0.07	1	570	10	0.04	2	6	75
K972496		<10	<1	0.16	20	0.44	695	1	0.02	1	560	16	0.10	2	9	48
K972497		<10	<1	0.28	20	0.67	3120	<1	0.02	1	510	240	0.58	4	5	53
K972498		<10	1	0.23	10	1.98	6880	1	0.02	<1	300	3070	2.96	22	2	64
K972499		<10	<1	0.18	20	0.58	845	1	0.04	4	570	36	0.10	2	7	89
K972500		<10	1	0.02	<10	11.95	236	<1	0.02	1	160	19	0.02	<2	<1	46
L828501		<10	<1	0.17	20	0.57	584	1	0.04	<1	540	9	0.10	<2	7	73
L828502		<10	1	0.25	20	1.12	1355	<1	0.02	1	480	363	0.37	2	6	57
L828503		10	<1	0.21	20	0.68	890	1	0.09	<1	570	75	0.12	<2	5	54
L828504		<10	<1	0.26	20	0.61	1480	<1	0.05	<1	550	428	0.61	<2	4	72
L828505		10	<1	0.19	20	0.66	539	1	0.09	<1	620	10	0.24	<2	6	66
L828506		10	1	0.19	20	0.59	586	1	0.09	<1	550	59	0.40	3	4	63
L828507		10	1	0.17	20	0.69	439	1	0.10	1	620	12	0.22	<2	6	65
L828508		<10	<1	0.23	20	0.62	1040	2	0.03	<1	590	56	0.05	<2	5	102
L828509		10	<1	0.12	20	0.70	364	1	0.10	<1	590	9	0.01	<2	5	49
L828510		10	<1	0.15	20	0.67	393	1	0.11	<1	570	9	0.05	2	6	56
L828511		<10	<1	0.17	20	0.58	627	1	0.08	1	580	9	0.03	<2	6	65
L828512		<10	<1	0.20	20	0.52	1310	3	0.02	1	560	181	0.54	<2	5	54
L828513		10	1	0.07	<10	0.17	1440	<1	0.02	9	130	>10000	>10.0	559	1	21
L828514		<10	<1	0.14	20	0.67	463	2	0.09	2	570	10	0.05	<2	5	52
L828515		10	<1	0.12	20	0.63	340	1	0.09	<1	540	11	0.02	<2	4	41

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 25- OCT- 2011
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Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11177338

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K972480		<20	0.15	<10	<10	52	<10	41	<1		
K972481		<20	0.16	<10	<10	54	<10	40	<1		
K972482		<20	0.14	<10	<10	53	<10	38	1		
K972483		<20	0.05	<10	<10	309	30	7490	31		
K972484		<20	0.04	<10	<10	39	<10	244	1		
K972485		<20	0.06	<10	<10	46	<10	45	1		
K972486		<20	<0.01	<10	<10	28	<10	56	1		
K972487		<20	<0.01	<10	<10	9	<10	552	6		
K972488		<20	<0.01	<10	<10	9	<10	413	1		
K972489		<20	<0.01	<10	<10	10	<10	1785	4		
K972490		<20	<0.01	<10	<10	1	<10	22	<1		
K972491		<20	<0.01	<10	<10	14	10	1460	2		
K972492		<20	0.01	<10	<10	26	<10	553	3		
K972493		<20	0.08	<10	<10	47	<10	49	<1		
K972494		<20	0.04	<10	<10	37	<10	332	1		
K972495		20	0.04	<10	<10	40	<10	34	<1		
K972496		<20	<0.01	<10	<10	34	<10	52	<1		
K972497		<20	<0.01	<10	<10	18	<10	215	1		
K972498		<20	<0.01	<10	<10	7	10	4140	14		
K972499		<20	0.01	<10	<10	39	<10	71	2		
K972500		<20	<0.01	<10	<10	2	<10	44	<1		
L828501		<20	0.01	<10	<10	32	<10	37	1		
L828502		<20	<0.01	<10	<10	28	<10	492	2		
L828503		<20	0.10	<10	<10	47	<10	104	<1		
L828504		<20	0.03	<10	<10	31	<10	416	2		
L828505		<20	0.08	<10	<10	50	<10	38	1		
L828506		<20	0.09	<10	<10	42	<10	87	1		
L828507		<20	0.07	<10	<10	51	<10	39	<1		
L828508		<20	<0.01	<10	<10	25	<10	146	<1		
L828509		<20	0.11	<10	<10	52	<10	31	1		
L828510		<20	0.07	<10	<10	48	<10	37	<1		
L828511		<20	0.03	<10	<10	41	<10	47	2		
L828512		<20	<0.01	<10	<10	23	<10	209	1		
L828513		<20	<0.01	<10	<10	7	140	>10000	433	3.11	3.49
L828514		<20	0.09	<10	<10	49	<10	37	1		
L828515		<20	0.12	<10	<10	50	<10	30	1		

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11177338

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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Finalized Date: 18- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177339

Project: Klaza DDH- 41

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11177339

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863190		12.22	0.044	3.0	0.63	35	<10	1380	0.6	<2	2.10	12.9	7	6	17	3.00
K863191		7.33	0.006	0.2	0.74	19	<10	840	0.5	<2	1.33	1.6	6	6	3	2.66
K863192		5.95	<0.005	0.3	0.72	16	<10	590	0.6	<2	2.07	1.2	7	6	3	2.93
K863193		8.34	<0.005	<0.2	1.02	9	<10	190	0.5	<2	1.53	0.7	8	9	2	2.61
K863194		0.15	1.510	33.7	5.24	156	<10	50	<0.5	9	4.66	32.4	87	58	7370	8.31
K863195		9.39	<0.005	0.2	1.06	11	<10	260	<0.5	<2	1.63	<0.5	9	11	83	2.72
K863196		11.43	<0.005	<0.2	1.23	6	<10	470	<0.5	<2	1.90	<0.5	7	10	1	2.91
K863197		12.62	0.007	0.9	0.69	22	<10	1360	0.7	<2	2.71	6.0	7	7	3	2.65
K863198		12.12	<0.005	0.3	0.76	11	<10	1020	0.7	<2	2.04	2.4	7	7	<1	2.72
K863199		10.39	0.013	0.2	0.86	23	<10	1020	0.5	<2	2.10	1.4	7	8	3	2.63
K863200		12.26	<0.005	0.3	0.72	12	<10	930	0.5	<2	2.43	1.5	3	6	4	2.33
K863201		0.15	1.535	31.4	4.71	142	<10	30	<0.5	<2	4.40	31.7	88	56	6980	7.94
K863202		11.41	<0.005	<0.2	0.96	9	<10	480	<0.5	<2	1.53	<0.5	5	9	80	2.51
K863203		8.43	0.114	2.8	0.45	224	<10	110	0.5	<2	2.41	16.0	7	6	33	3.12
K863204		2.52	<0.005	<0.2	0.04	5	<10	<10	<0.5	<2	18.7	<0.5	<1	1	2	0.45
K863205		3.67	0.071	2.4	0.53	89	<10	220	0.7	<2	1.64	9.1	5	7	25	3.16
K863206		7.01	0.005	<0.2	0.70	14	<10	490	0.6	<2	2.75	2.0	6	6	8	2.58
K863207		5.80	0.215	12.7	0.45	189	<10	100	0.6	<2	3.35	20.5	4	5	27	3.36
K863208		6.20	<0.005	<0.2	1.06	5	<10	290	<0.5	<2	1.28	<0.5	5	9	7	2.52
K863209		11.60	0.009	<0.2	0.75	20	<10	490	0.5	<2	1.97	0.8	4	7	4	2.61
K863210		6.77	<0.005	<0.2	1.03	8	<10	490	<0.5	<2	1.86	<0.5	4	11	3	2.53
K863211		12.05	0.006	<0.2	0.86	25	<10	570	<0.5	<2	2.67	0.6	5	6	2	2.46
K863212		4.24	0.005	<0.2	1.11	19	<10	590	0.5	<2	2.53	<0.5	6	6	2	2.27
K863213		9.88	<0.005	<0.2	1.21	12	<10	250	0.5	2	1.96	<0.5	4	7	2	2.48
K863214		3.81	<0.005	<0.2	1.34	10	<10	180	0.5	<2	1.34	<0.5	4	9	5	2.78
K863215		3.18	0.077	2.9	0.61	78	<10	50	<0.5	<2	2.40	8.0	12	5	6	3.38
K863216		2.58	<0.005	<0.2	0.07	<2	<10	<10	<0.5	<2	18.9	<0.5	<1	2	11	0.42
K863217		8.97	0.016	0.8	1.01	20	<10	350	<0.5	<2	1.89	11.6	4	6	8	2.41
K863218		4.37	0.005	<0.2	0.77	11	<10	690	<0.5	<2	3.35	<0.5	5	5	<1	2.36
K863219		2.03	0.006	<0.2	0.84	9	<10	760	<0.5	<2	2.56	<0.5	2	6	1	2.39
K863220		11.51	0.054	0.5	1.10	49	<10	180	0.6	<2	1.96	0.6	4	6	2	3.14
K863221		7.22	<0.005	<0.2	1.21	8	<10	730	<0.5	<2	2.10	0.5	2	7	2	2.46
K863222		10.03	0.013	0.5	0.74	15	<10	400	<0.5	<2	1.74	3.4	5	9	5	2.45
K863223		7.59	<0.005	<0.2	0.83	10	<10	290	<0.5	<2	1.02	<0.5	6	8	7	2.28
K863224		4.93	0.031	0.7	0.73	39	<10	240	0.8	<2	3.02	2.9	6	6	18	2.53
K863225		7.64	<0.005	<0.2	1.16	3	<10	280	<0.5	<2	1.07	<0.5	5	9	9	2.44

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11177339

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863190		<10	1	0.26	10	0.61	1440	3	0.02	2	450	622	0.25	5	6	70
K863191		<10	<1	0.19	10	0.45	971	1	0.02	1	540	32	0.27	2	8	49
K863192		<10	1	0.21	10	0.68	1170	1	0.02	2	530	35	0.26	3	8	57
K863193		<10	<1	0.15	20	0.51	545	1	0.07	2	660	18	0.03	3	7	65
K863194		10	2	0.24	10	1.19	626	49	0.34	316	720	8400	7.60	29	5	84
K863195		<10	<1	0.19	20	0.69	634	1	0.09	6	620	30	0.04	<2	7	74
K863196		<10	<1	0.20	30	0.77	656	1	0.07	3	670	16	0.04	<2	7	74
K863197		<10	1	0.31	20	0.71	893	<1	0.03	2	580	270	0.21	2	6	108
K863198		<10	<1	0.23	20	0.59	853	<1	0.03	1	560	52	0.22	2	7	74
K863199		<10	1	0.27	20	0.47	756	1	0.05	1	480	51	0.21	<2	4	81
K863200		<10	<1	0.26	20	0.47	747	<1	<0.01	3	530	89	0.11	<2	4	84
K863201		10	1	0.23	10	1.11	599	49	0.28	320	670	8190	7.04	26	4	77
K863202		<10	<1	0.21	20	0.57	462	1	0.04	7	560	22	0.04	<2	6	66
K863203		<10	<1	0.32	10	0.66	2180	2	<0.01	3	510	809	1.30	6	3	55
K863204		<10	<1	0.03	<10	11.60	220	<1	<0.01	2	180	3	<0.01	<2	<1	45
K863205		<10	<1	0.28	20	0.54	1825	6	<0.01	3	490	403	1.06	8	5	46
K863206		<10	<1	0.25	20	1.02	853	1	<0.01	3	570	71	0.20	2	7	75
K863207		<10	<1	0.29	10	1.11	3180	2	<0.01	2	430	2620	1.66	12	4	67
K863208		<10	<1	0.18	20	0.68	496	2	0.06	2	590	10	0.02	<2	6	61
K863209		<10	1	0.19	20	0.69	787	1	<0.01	3	580	40	0.11	2	7	80
K863210		<10	<1	0.21	20	0.68	536	2	0.04	3	600	3	0.03	<2	7	87
K863211		<10	<1	0.28	20	0.85	778	<1	<0.01	3	590	7	0.28	<2	6	93
K863212		<10	<1	0.26	50	0.64	546	<1	<0.01	3	580	3	0.29	<2	6	88
K863213		<10	<1	0.23	20	0.56	469	1	<0.01	3	580	4	0.15	<2	6	85
K863214		<10	<1	0.18	20	0.68	444	1	0.03	2	590	7	0.08	2	7	61
K863215		<10	<1	0.33	10	0.57	3370	<1	<0.01	3	490	1075	1.95	2	4	52
K863216		<10	<1	0.05	<10	11.75	200	<1	<0.01	13	210	4	<0.01	<2	<1	50
K863217		<10	<1	0.23	20	0.55	609	<1	<0.01	2	540	218	0.42	2	5	68
K863218		<10	<1	0.27	10	0.94	826	<1	<0.01	3	560	5	0.23	<2	5	89
K863219		<10	<1	0.31	20	0.47	841	<1	<0.01	3	570	5	0.15	<2	4	89
K863220		<10	<1	0.27	20	0.72	992	<1	<0.01	2	550	11	0.99	3	4	71
K863221		<10	<1	0.20	30	0.66	553	<1	0.01	3	500	33	0.04	<2	5	65
K863222		<10	<1	0.21	20	0.64	653	1	0.01	2	470	172	0.14	2	5	63
K863223		<10	<1	0.14	10	0.57	416	2	0.04	3	510	5	0.16	<2	5	57
K863224		<10	<1	0.28	20	0.90	1175	2	<0.01	3	580	196	0.31	4	7	101
K863225		<10	<1	0.22	20	0.63	452	2	0.10	3	540	5	<0.01	<2	5	59

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11177339

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K863190		<20	<0.01	<10	<10	28	<10	944	2
K863191		<20	<0.01	<10	<10	31	<10	218	<1
K863192		<20	<0.01	<10	<10	33	<10	172	<1
K863193		<20	0.03	<10	<10	47	<10	104	<1
K863194		<20	0.06	<10	10	325	<10	7710	29
K863195		<20	0.03	<10	<10	52	<10	151	<1
K863196		<20	0.01	<10	<10	46	<10	89	<1
K863197		<20	<0.01	<10	<10	28	<10	495	<1
K863198		<20	<0.01	<10	<10	32	<10	214	<1
K863199		<20	<0.01	<10	<10	26	<10	167	<1
K863200		<20	<0.01	<10	<10	22	<10	192	<1
K863201		<20	0.05	<10	<10	309	<10	7410	30
K863202		<20	0.03	<10	<10	46	<10	148	<1
K863203		<20	<0.01	<10	<10	13	<10	1350	2
K863204		<20	<0.01	<10	<10	2	<10	38	<1
K863205		<20	<0.01	<10	<10	19	<10	676	1
K863206		<20	<0.01	<10	<10	32	<10	197	<1
K863207		<20	<0.01	<10	<10	12	<10	1580	11
K863208		<20	0.05	<10	<10	48	<10	69	<1
K863209		<20	0.02	<10	<10	40	<10	101	<1
K863210		<20	0.02	<10	<10	46	<10	45	<1
K863211		<20	<0.01	<10	<10	34	<10	100	<1
K863212		<20	<0.01	<10	<10	32	<10	51	<1
K863213		<20	<0.01	<10	<10	33	<10	68	<1
K863214		20	0.02	<10	<10	47	<10	43	<1
K863215		<20	<0.01	<10	<10	13	<10	630	2
K863216		<20	0.01	<10	<10	4	<10	33	<1
K863217		<20	0.01	<10	<10	28	<10	856	<1
K863218		<20	<0.01	<10	<10	25	<10	52	<1
K863219		<20	<0.01	<10	<10	26	<10	48	<1
K863220		<20	<0.01	<10	<10	23	<10	100	<1
K863221		<20	0.01	<10	<10	37	<10	69	<1
K863222		<20	0.01	<10	<10	32	<10	290	<1
K863223		<20	0.05	<10	<10	41	<10	29	<1
K863224		<20	<0.01	<10	<10	30	<10	239	1
K863225		20	0.08	<10	<10	49	<10	34	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177340

Project: Klaza DDH - 52

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza DDH - 52

CERTIFICATE OF ANALYSIS WH11177340

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972176		3.53	2.07	9.2	0.58	465	<10	20	<0.5	16	0.37	13.2	361	2	77	13.30
K972177		8.54	2.27	9.5	0.44	298	<10	20	0.5	10	2.03	30.1	194	1	121	7.77
K972178		5.02	0.068	3.3	0.47	213	<10	110	<0.5	4	0.73	11.2	29	4	84	3.65
K972179		5.25	0.344	3.5	0.44	454	<10	40	<0.5	5	0.38	5.6	96	3	82	4.60
K972180		4.27	0.366	3.1	0.37	504	<10	40	<0.5	2	1.66	38.4	13	6	39	4.07
K972181		3.37	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	18.9	<0.5	2	1	3	0.44
K972182		8.53	0.040	0.9	0.48	94	<10	100	<0.5	<2	2.22	6.2	9	6	8	2.62
K972183		5.67	0.008	<0.2	1.01	11	<10	140	0.7	2	3.30	2.4	4	5	2	2.62
K972184		6.18	0.006	0.2	0.69	10	<10	250	0.5	<2	2.19	5.3	4	6	4	3.14
K972185		3.02	0.018	<0.2	0.63	35	<10	410	0.6	<2	2.53	<0.5	7	5	3	3.68
K972186		9.29	0.006	<0.2	0.61	16	<10	230	0.5	<2	2.50	<0.5	4	5	3	2.64
K972187		0.06	3.38	>100	0.18	>10000	<10	20	<0.5	<2	0.39	316	2	9	1555	13.00
K972188		4.84	0.024	1.1	0.55	73	<10	330	0.6	<2	2.74	6.2	6	4	10	2.26
K972189		6.67	0.005	0.2	0.60	10	<10	590	0.6	<2	2.94	<0.5	5	5	5	2.51
K972190		3.12	<0.005	<0.2	0.94	10	<10	200	0.8	<2	2.70	0.5	5	6	6	2.85
K972191		10.63	0.010	0.4	0.58	24	<10	670	0.7	<2	3.79	1.3	7	5	13	2.96
K972192		3.67	0.015	0.4	0.59	47	<10	270	0.8	<2	2.87	2.2	6	6	8	3.53
K972193		6.57	0.049	2.4	0.68	232	<10	600	0.8	3	2.44	3.0	7	7	14	3.09
K972194		3.03	0.035	0.3	0.60	100	<10	790	0.7	<2	3.04	<0.5	6	5	6	2.71
K972195		5.84	0.034	0.7	0.49	72	<10	760	0.8	<2	5.64	0.7	5	5	21	2.60
K972196		4.39	0.037	0.8	0.46	70	<10	180	0.5	<2	2.09	<0.5	18	4	10	2.67
K972197		3.86	0.064	0.7	0.42	85	<10	220	<0.5	<2	4.44	5.3	17	4	9	2.94
K972198		2.95	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.9	<0.5	<1	1	<1	0.47
K972199		3.89	0.006	0.4	0.68	25	<10	430	0.6	<2	1.86	<0.5	8	5	4	2.82
K972200		4.06	2.48	51.4	0.70	185	<10	40	0.6	92	1.93	33.7	8	4	319	3.83
K972201		6.61	0.028	0.3	0.59	152	<10	410	0.8	<2	2.29	4.5	7	5	15	2.93
K972202		2.96	0.031	0.7	0.58	170	<10	330	0.8	<2	2.23	4.9	9	5	23	3.08
K972203		3.57	0.033	0.2	0.70	67	<10	300	0.9	<2	2.65	0.6	7	6	13	3.46
K972204		7.40	0.790	6.0	0.46	1455	<10	30	0.5	2	2.01	16.7	7	5	252	4.13
K972205		1.75	0.079	0.9	0.49	226	<10	90	0.7	<2	3.16	5.3	5	4	16	3.82
K972206		8.04	0.308	5.0	0.44	224	<10	30	0.5	6	2.43	26.8	18	5	84	3.47
K972207		10.21	0.031	1.2	0.52	116	<10	340	0.6	<2	3.19	1.1	8	6	68	2.35
K972208		0.05	3.33	>100	0.18	>10000	<10	10	<0.5	<2	0.42	318	2	9	1580	14.1
K972209		4.37	0.319	4.6	0.46	583	<10	30	<0.5	3	2.90	8.8	215	4	69	7.37
K972210		2.44	0.079	4.4	0.51	269	<10	20	<0.5	4	0.39	14.9	32	3	138	4.61
K972211		3.19	0.862	47.8	0.47	961	<10	40	<0.5	60	1.84	303	11	3	634	5.91

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza DDH - 52

CERTIFICATE OF ANALYSIS WH11177340

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972176		<10	<1	0.35	<10	0.10	176	72	0.02	2	680	662	>10.0	35	1	10
K972177		<10	<1	0.20	<10	0.42	895	64	0.02	2	220	502	8.99	48	1	32
K972178		<10	<1	0.35	10	0.26	1265	3	0.01	<1	480	492	2.84	8	2	14
K972179		<10	<1	0.29	<10	0.16	694	13	0.01	1	350	293	4.30	15	1	11
K972180		<10	<1	0.26	10	0.58	2660	3	0.01	<1	320	580	3.08	7	2	32
K972181		<10	<1	0.03	<10	11.90	211	<1	0.02	1	170	<2	0.03	<2	<1	45
K972182		<10	<1	0.30	20	0.59	1120	1	0.02	<1	520	277	1.33	3	3	56
K972183		<10	<1	0.21	30	0.71	703	<1	0.02	1	600	33	0.44	2	5	92
K972184		<10	<1	0.24	30	0.48	944	<1	0.04	1	510	64	0.39	<2	4	68
K972185		<10	<1	0.24	10	0.96	1310	<1	0.02	1	560	9	0.59	3	6	85
K972186		<10	<1	0.24	20	0.63	878	<1	0.03	<1	570	29	0.32	2	5	78
K972187		<10	1	0.08	<10	0.16	1415	<1	0.01	8	130	>10000	>10.0	548	1	19
K972188		<10	<1	0.29	20	0.62	1220	1	0.02	<1	540	366	0.68	3	4	91
K972189		<10	<1	0.24	20	0.85	769	<1	<0.01	3	520	14	0.43	<2	6	90
K972190		<10	<1	0.20	30	0.51	540	<1	<0.01	<1	600	16	0.14	<2	8	97
K972191		<10	<1	0.25	20	0.87	979	1	<0.01	1	500	65	0.43	3	7	123
K972192		<10	<1	0.29	20	1.00	1225	<1	<0.01	1	530	64	0.34	2	8	93
K972193		<10	<1	0.29	20	0.86	807	<1	<0.01	1	520	109	0.51	2	8	90
K972194		<10	<1	0.22	20	1.08	951	1	<0.01	<1	540	14	0.36	<2	8	102
K972195		<10	<1	0.18	10	2.41	1300	1	<0.01	<1	370	38	0.35	6	5	153
K972196		<10	<1	0.25	20	0.66	805	3	<0.01	2	430	39	1.27	3	5	44
K972197		<10	<1	0.28	10	0.57	1040	1	<0.01	1	430	118	1.54	2	4	96
K972198		<10	<1	0.03	<10	12.75	204	<1	<0.01	<1	190	<2	<0.01	<2	<1	49
K972199		<10	<1	0.20	20	0.60	882	<1	<0.01	<1	580	20	0.61	2	7	49
K972200		<10	1	0.20	10	0.62	964	2	<0.01	<1	530	928	1.75	65	7	56
K972201		<10	<1	0.29	10	0.81	942	1	<0.01	1	530	77	0.72	2	8	99
K972202		<10	1	0.28	20	0.79	866	1	<0.01	1	530	209	0.97	4	8	97
K972203		<10	<1	0.25	20	0.67	1155	1	<0.01	1	580	28	0.41	4	7	92
K972204		<10	<1	0.33	10	0.66	1835	4	<0.01	<1	470	610	2.90	68	3	49
K972205		<10	<1	0.36	20	1.10	3240	1	<0.01	<1	480	227	1.61	7	5	77
K972206		<10	<1	0.33	10	0.81	1200	2	<0.01	2	450	301	2.71	15	3	52
K972207		<10	<1	0.31	10	0.84	1110	2	<0.01	1	510	43	0.74	20	5	87
K972208		<10	1	0.08	<10	0.18	1420	<1	<0.01	10	140	>10000	>10.0	560	1	18
K972209		<10	<1	0.30	<10	0.44	823	16	<0.01	4	280	351	8.35	18	2	72
K972210		<10	<1	0.40	<10	0.14	660	15	<0.01	1	450	389	4.45	24	1	10
K972211		<10	2	0.32	10	0.48	2340	10	<0.01	<1	410	2080	6.57	35	2	42

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Finalized Date: 20- OCT- 2011
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Project: Klaza DDH - 52

CERTIFICATE OF ANALYSIS WH11177340

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001	Zn- OG46 Zn % 0.001
K972176		<20	<0.01	<10	<10	7	<10	1210	8		
K972177		<20	<0.01	<10	10	7	10	2100	12		
K972178		<20	<0.01	<10	<10	7	<10	1100	1		
K972179		<20	<0.01	<10	<10	6	<10	549	2		
K972180		<20	<0.01	<10	10	6	10	2750	2		
K972181		<20	<0.01	<10	<10	2	<10	16	<1		
K972182		<20	<0.01	<10	<10	11	<10	507	<1		
K972183		20	<0.01	<10	<10	22	<10	209	<1		
K972184		<20	<0.01	<10	<10	20	<10	438	<1		
K972185		<20	<0.01	<10	<10	22	<10	80	<1		
K972186		<20	<0.01	<10	<10	19	<10	60	<1		
K972187		<20	<0.01	10	<10	7	150	>10000	433	3.15	3.50
K972188		<20	<0.01	<10	<10	15	<10	504	<1		
K972189		<20	<0.01	<10	<10	23	<10	50	<1		
K972190		20	<0.01	<10	<10	34	<10	76	<1		
K972191		<20	<0.01	<10	<10	25	<10	131	<1		
K972192		<20	<0.01	<10	<10	31	<10	192	<1		
K972193		<20	<0.01	<10	<10	32	<10	255	1		
K972194		<20	<0.01	<10	<10	28	<10	31	<1		
K972195		<20	<0.01	<10	<10	21	<10	79	<1		
K972196		<20	<0.01	<10	<10	19	<10	61	1		
K972197		<20	<0.01	<10	<10	15	<10	395	<1		
K972198		<20	<0.01	<10	<10	<1	<10	14	<1		
K972199		<20	<0.01	<10	<10	31	<10	58	<1		
K972200		<20	<0.01	<10	<10	32	<10	2280	49		
K972201		<20	<0.01	<10	<10	31	<10	462	<1		
K972202		<20	<0.01	<10	<10	31	<10	502	1		
K972203		<20	<0.01	<10	<10	28	<10	73	<1		
K972204		<20	<0.01	<10	<10	10	<10	1315	5		
K972205		<20	<0.01	<10	<10	10	<10	487	<1		
K972206		<20	<0.01	<10	<10	10	<10	1835	4		
K972207		<20	<0.01	<10	<10	17	<10	115	<1		
K972208		<20	<0.01	<10	<10	8	150	>10000	420	3.09	3.55
K972209		<20	<0.01	<10	10	11	<10	791	4		
K972210		<20	<0.01	<10	<10	6	<10	1225	4		
K972211		<20	<0.01	<10	<10	10	<10	>10000	47		2.08

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11177341

Project: Klaza- DDH- 43

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11177341

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K269038		6.16	<0.005	0.3	1.74	9	<10	330	1.0	<2	1.82	0.7	8	7	34	3.24
K269039		11.14	0.050	1.5	1.00	249	<10	430	0.7	<2	1.79	5.8	7	5	17	2.55
K269040		9.04	0.024	0.4	0.98	78	<10	290	0.5	<2	1.75	1.6	6	8	19	2.62
K269041		6.43	0.183	23.7	0.79	491	<10	100	0.8	5	2.97	218	7	5	138	3.20
K269042		7.86	3.02	48.7	0.49	5970	<10	10	<0.5	26	1.04	318	12	4	306	7.54
K269043		2.40	0.007	<0.2	0.05	12	<10	20	<0.5	<2	18.3	1.0	2	1	1	0.45
K269044		7.87	0.134	1.8	0.61	140	<10	60	0.6	<2	1.81	9.2	6	3	31	2.94
K269045		12.07	0.008	0.2	0.68	11	<10	1190	0.8	<2	2.94	1.0	5	3	7	2.12
K269046		10.06	<0.005	0.3	0.70	8	<10	860	0.8	<2	3.43	0.6	4	3	5	2.00
K269047		8.46	<0.005	0.2	0.79	7	<10	1010	0.8	<2	3.29	0.5	4	3	3	2.00
K269048		6.88	0.069	3.3	0.54	144	<10	30	<0.5	3	1.94	10.6	7	4	36	4.02
K269049		0.23	3.28	>100	0.18	>10000	<10	10	<0.5	<2	0.43	342	2	9	1655	14.2
K269050		7.21	0.034	0.8	0.90	61	<10	170	0.7	3	2.43	3.3	9	4	22	3.16
K269051		8.33	0.005	0.2	0.84	22	<10	620	0.9	<2	3.09	<0.5	5	2	5	2.19
K269052		10.25	0.009	0.2	0.68	53	<10	640	0.8	<2	3.09	<0.5	6	2	6	2.28
K269053		2.95	0.025	1.6	0.66	127	<10	420	0.9	<2	2.08	5.5	6	3	45	2.74
K269054		12.59	0.016	0.6	0.60	136	<10	700	0.8	<2	2.90	<0.5	6	3	9	2.33
K269055		12.49	<0.005	0.2	0.82	18	<10	340	1.0	<2	3.50	<0.5	6	3	4	2.48
K269056		5.53	0.946	51.3	0.51	586	<10	10	0.6	13	0.85	90.9	21	4	205	6.82
K269057		2.19	<0.005	0.2	0.06	3	<10	20	<0.5	<2	18.6	<0.5	2	1	1	0.47
K269058		8.01	0.007	0.3	0.68	28	<10	1080	0.8	<2	3.41	<0.5	6	2	8	2.39
K269059		12.88	0.007	<0.2	0.68	27	<10	950	0.8	<2	3.11	<0.5	5	3	5	2.20
K269060		11.01	0.025	0.4	0.66	21	<10	650	0.9	<2	3.21	0.7	5	3	6	2.33
K269061		5.85	0.326	5.7	0.55	320	<10	30	0.6	6	2.40	38.5	6	4	99	4.34
K269062		8.00	<0.005	0.4	0.88	22	<10	340	0.6	<2	2.31	1.0	6	7	9	2.83
K269063		3.08	0.010	0.7	0.77	21	<10	300	0.6	2	2.26	2.4	7	6	11	2.74
K269064		2.11	1.715	58.7	0.54	3110	<10	50	0.6	12	1.59	69.2	5	3	508	4.88
K269065		4.73	0.021	0.6	0.55	79	<10	90	0.6	<2	2.70	0.7	6	4	6	2.73
K269066		4.36	0.618	3.7	0.54	2760	<10	30	0.5	5	1.64	7.6	7	5	37	4.93
K269067		0.24	3.28	>100	0.19	>10000	<10	10	<0.5	2	0.43	322	<1	9	1545	14.2
K269068		4.47	0.092	2.5	0.46	269	<10	30	<0.5	<2	1.78	14.9	7	4	27	4.76
K269069		7.35	0.608	13.3	0.51	2230	<10	20	<0.5	8	1.04	47.5	5	6	97	5.62
K269070		11.01	0.010	0.8	0.67	28	<10	30	<0.5	2	2.20	2.7	7	5	5	3.21
K269071		9.11	<0.005	0.2	1.15	10	<10	160	<0.5	<2	1.79	<0.5	6	9	5	2.95
K269072		3.04	0.102	2.6	0.58	41	<10	40	0.7	<2	2.50	28.8	6	5	63	3.14
K269073		6.63	0.005	0.2	0.97	8	<10	250	<0.5	<2	1.78	<0.5	7	9	9	2.87

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11177341

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269038		10	1	0.18	30	0.73	403	2	0.02	1	660	24	0.34	2	7	94
K269039		<10	1	0.23	20	0.66	735	1	0.02	<1	620	140	0.46	2	7	85
K269040		<10	<1	0.23	20	0.59	571	1	0.08	<1	560	61	0.29	2	6	86
K269041		<10	<1	0.23	20	0.86	1085	1	0.01	<1	480	4760	1.35	27	7	120
K269042		<10	1	0.32	<10	0.34	1375	43	0.01	<1	390	7710	9.18	66	2	24
K269043		<10	<1	0.02	<10	11.80	204	<1	0.03	1	170	33	0.07	4	1	47
K269044		<10	1	0.33	10	0.57	1675	5	0.01	<1	490	414	1.83	9	4	62
K269045		<10	<1	0.31	20	0.81	547	1	0.01	1	820	34	0.10	2	3	240
K269046		<10	<1	0.31	20	0.67	455	1	0.02	<1	840	20	0.06	2	3	380
K269047		<10	<1	0.32	20	0.65	487	<1	0.02	1	850	19	0.06	<2	3	473
K269048		<10	<1	0.39	10	0.39	1160	6	0.01	<1	620	522	3.83	3	2	72
K269049		<10	1	0.08	<10	0.18	1525	<1	0.01	8	140	>10000	>10.0	566	1	20
K269050		<10	<1	0.36	20	0.52	598	4	0.03	2	570	110	1.81	<2	3	147
K269051		<10	<1	0.36	20	0.86	631	<1	0.03	<1	700	26	0.10	<2	3	277
K269052		<10	<1	0.33	10	0.84	661	<1	0.02	1	700	22	0.35	2	3	193
K269053		<10	<1	0.38	20	0.64	1170	4	0.01	1	670	274	0.69	13	6	134
K269054		<10	<1	0.31	10	0.84	790	2	0.02	2	670	20	0.41	2	3	168
K269055		<10	<1	0.36	10	1.02	696	<1	0.02	1	690	18	0.14	2	4	274
K269056		<10	<1	0.31	10	0.30	2100	7	0.01	<1	430	2980	6.89	27	2	46
K269057		<10	<1	0.03	<10	11.85	222	<1	0.02	<1	190	8	0.04	<2	<1	50
K269058		<10	<1	0.30	10	1.05	773	<1	0.02	1	570	24	0.30	3	3	180
K269059		<10	<1	0.33	10	0.90	558	<1	0.01	3	530	13	0.20	2	3	223
K269060		<10	<1	0.34	10	0.94	616	<1	0.01	2	600	26	0.18	<2	3	289
K269061		<10	<1	0.34	10	0.80	1955	1	0.01	1	560	623	2.64	9	4	73
K269062		<10	<1	0.28	20	0.60	1070	<1	0.03	1	570	68	0.45	2	7	117
K269063		<10	<1	0.25	20	0.56	1060	<1	0.03	<1	560	107	0.47	2	7	116
K269064		<10	<1	0.36	10	0.48	3700	<1	0.01	1	480	>10000	3.26	58	4	66
K269065		<10	<1	0.37	10	0.70	2160	<1	0.01	1	510	45	1.33	3	4	87
K269066		<10	<1	0.37	10	0.44	1430	<1	0.01	<1	470	336	4.18	15	4	55
K269067		<10	1	0.08	<10	0.16	1455	<1	0.01	10	140	>10000	>10.0	564	1	20
K269068		<10	<1	0.36	10	0.45	3180	<1	0.01	<1	520	645	3.60	6	3	45
K269069		<10	<1	0.37	10	0.31	2450	5	0.01	<1	410	1860	5.33	25	1	34
K269070		<10	<1	0.38	10	0.56	751	1	0.01	<1	560	126	2.96	2	2	216
K269071		<10	<1	0.27	20	0.78	655	1	0.07	<1	580	19	0.88	<2	5	1230
K269072		<10	<1	0.31	20	0.51	1330	<1	0.01	<1	590	924	2.08	6	5	154
K269073		<10	<1	0.20	20	0.71	632	1	0.08	1	580	11	0.74	<2	7	236

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11177341

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001	Zn- OG46 Zn % 0.001
K269038		20	0.01	<10	<10	44	<10	75	<1		
K269039		20	<0.01	<10	<10	35	<10	443	1		
K269040		<20	0.02	<10	<10	39	<10	136	<1		
K269041		<20	<0.01	<10	<10	34	<10	>10000	22		1.305
K269042		<20	<0.01	<10	<10	7	10	>10000	45		1.890
K269043		<20	<0.01	<10	<10	2	<10	86	<1		
K269044		<20	<0.01	<10	<10	14	<10	609	2		
K269045		<20	<0.01	<10	<10	20	<10	133	<1		
K269046		<20	<0.01	<10	<10	19	<10	112	<1		
K269047		<20	<0.01	<10	<10	18	<10	91	<1		
K269048		<20	<0.01	<10	<10	7	<10	887	4		
K269049		<20	<0.01	<10	<10	8	150	>10000	403	3.01	3.37
K269050		<20	<0.01	<10	<10	13	<10	282	2		
K269051		<20	<0.01	<10	<10	20	<10	67	1		
K269052		<20	<0.01	<10	<10	22	<10	55	<1		
K269053		<20	<0.01	<10	<10	30	<10	410	1		
K269054		<20	<0.01	<10	<10	26	<10	61	1		
K269055		<20	<0.01	<10	<10	33	<10	54	1		
K269056		<20	<0.01	<10	<10	11	<10	6120	48		
K269057		<20	<0.01	<10	<10	2	<10	23	<1		
K269058		<20	<0.01	<10	<10	25	<10	64	<1		
K269059		<20	<0.01	<10	<10	26	<10	43	1		
K269060		<20	<0.01	<10	<10	28	<10	93	<1		
K269061		<20	<0.01	<10	<10	16	<10	2530	5		
K269062		<20	<0.01	<10	<10	33	<10	106	1		
K269063		<20	<0.01	<10	<10	31	<10	193	1		
K269064		<20	<0.01	<10	<10	11	<10	4650	52	1.055	
K269065		<20	<0.01	<10	<10	9	<10	91	1		
K269066		<20	<0.01	<10	<10	12	<10	630	4		
K269067		<20	<0.01	<10	<10	8	140	>10000	425	3.14	3.41
K269068		<20	<0.01	<10	<10	8	<10	1370	3		
K269069		<20	<0.01	<10	<10	6	<10	3200	12		
K269070		<20	<0.01	<10	<10	7	<10	222	1		
K269071		20	0.01	<10	<10	37	<10	50	1		
K269072		<20	<0.01	<10	<10	17	<10	2500	2		
K269073		20	0.02	<10	<10	40	<10	48	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
This copy reported on 26- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11179937

Project: Klaza

P.O. No.:

This report is for 175 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013251		0.20	0.002	0.2	1.66	10	<10	180	<0.5	3	0.41	<0.5	9	23	42	2.59
DD013252		0.16	0.002	0.3	0.44	<2	<10	40	<0.5	<2	0.25	<0.5	3	6	16	1.20
DD013253		0.28	0.001	0.2	1.69	5	<10	140	<0.5	<2	0.36	<0.5	7	19	24	2.22
DD013254		0.18	0.001	0.2	1.29	2	<10	120	<0.5	<2	0.31	<0.5	8	18	23	2.27
DD013255		0.14	0.053	0.4	1.22	7	<10	90	<0.5	3	0.13	0.5	8	13	37	2.51
DD013256		0.26	0.001	0.2	1.68	9	<10	170	0.7	2	0.33	0.5	11	11	29	3.63
DD013257		0.26	0.004	0.5	1.46	18	<10	140	<0.5	4	0.24	<0.5	10	23	43	3.29
DD013258		0.26	0.002	0.4	1.76	10	<10	130	<0.5	<2	0.24	<0.5	6	22	23	2.92
DD013259		0.30	0.001	0.7	2.04	6	<10	200	<0.5	3	0.40	<0.5	9	24	25	3.41
DD013260		0.20	0.011	0.3	1.70	6	<10	240	<0.5	<2	0.41	<0.5	10	21	25	2.83
DD013261		0.26	<0.001	<0.2	0.91	4	<10	160	<0.5	2	0.30	<0.5	5	13	15	1.57
DD013262		0.28	0.003	<0.2	1.46	8	<10	320	<0.5	<2	0.52	<0.5	10	19	18	2.65
DD013263		0.26	0.003	0.3	1.70	14	<10	440	0.7	<2	0.51	<0.5	11	21	35	3.40
DD013264		0.22	0.004	0.2	1.57	2	<10	460	<0.5	<2	0.64	<0.5	6	25	24	1.77
DD013265		0.28	0.002	<0.2	1.71	7	<10	340	0.5	<2	0.49	<0.5	8	24	28	2.95
DD013266		0.32	0.002	<0.2	1.93	10	<10	320	<0.5	<2	0.59	<0.5	9	24	14	2.93
DD013267		0.18	0.001	0.2	1.54	5	<10	520	0.5	<2	0.93	<0.5	9	19	29	2.98
DD013268		0.18	0.001	<0.2	1.15	8	<10	360	<0.5	<2	0.79	<0.5	8	16	17	2.52
DD013269		0.36	<0.001	<0.2	0.66	8	<10	230	<0.5	<2	0.25	<0.5	4	10	6	1.30
DD013270		0.28	0.003	<0.2	1.30	9	<10	450	<0.5	<2	0.58	<0.5	7	17	16	2.42
DD013271		0.24	0.001	<0.2	1.00	5	<10	250	<0.5	<2	0.26	<0.5	5	16	8	1.94
DD013272		0.26	0.001	0.2	1.61	6	<10	580	0.7	<2	0.63	<0.5	7	18	23	2.34
DD013273		0.20	0.004	0.2	2.13	7	<10	440	<0.5	2	0.58	<0.5	10	16	12	3.72
DD013274		0.12	0.002	0.4	1.70	9	<10	530	0.6	2	0.58	1.9	9	22	36	2.10
DD013275		0.16	0.009	0.2	1.40	5	<10	300	<0.5	<2	0.50	0.5	6	17	17	1.73
DD013276		0.14	0.001	0.2	1.32	4	<10	330	<0.5	<2	0.43	0.5	7	15	25	1.59
DD013277		0.16	0.003	0.3	1.91	4	<10	350	0.5	2	0.41	0.8	7	24	26	1.99
DD013278		0.10	0.002	0.2	1.43	9	<10	330	<0.5	<2	0.44	<0.5	9	16	31	3.04
DD013279		0.12	0.003	0.3	1.69	7	<10	530	<0.5	2	0.51	0.6	15	18	37	3.74
DD013280		0.14	<0.001	0.3	1.13	13	<10	230	0.5	<2	0.41	0.7	4	13	41	1.83
DD013281		0.14	0.012	0.3	1.15	4	<10	300	<0.5	<2	0.55	0.8	3	18	58	1.12
DD013282		0.12	0.002	<0.2	0.47	4	<10	190	<0.5	<2	0.27	0.7	3	6	39	0.65
DD013283		0.10	0.009	0.3	1.54	45	<10	350	0.6	<2	0.74	1.1	7	18	43	5.80
DD013284		0.14	0.005	0.3	1.38	8	<10	340	<0.5	<2	0.50	0.7	6	21	36	1.63
DD013285		0.20	0.003	<0.2	1.43	7	<10	300	<0.5	2	0.37	<0.5	5	20	32	1.60
DD013286		0.20	0.005	0.3	1.59	5	<10	390	<0.5	<2	0.42	0.7	7	23	33	1.87
DD013287		0.14	0.005	0.4	2.28	31	<10	700	0.7	2	0.39	1.0	21	26	59	4.88
DD013288		0.28	0.005	0.2	1.54	18	<10	330	0.5	2	0.42	<0.5	7	23	33	2.74
DD013289		0.22	0.004	0.2	1.42	2	<10	280	<0.5	<2	0.50	<0.5	5	20	38	1.27
DD013290		0.12	0.003	0.2	1.88	19	<10	330	0.5	<2	0.39	<0.5	7	25	35	3.55

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013251		<10	<1	0.09	10	0.63	329	<1	0.03	13	530	20	0.04	4	5	29
DD013252		<10	<1	0.02	10	0.08	119	<1	0.03	3	920	<2	0.04	<2	1	19
DD013253		<10	<1	0.09	10	0.66	334	<1	0.05	11	480	6	0.02	<2	4	28
DD013254		<10	1	0.09	10	0.54	315	<1	0.02	10	590	8	0.02	<2	4	20
DD013255		<10	<1	0.07	10	0.24	288	<1	0.02	7	330	18	0.02	2	3	16
DD013256		10	<1	0.19	20	0.45	1145	<1	0.03	6	610	27	0.02	3	8	22
DD013257		<10	1	0.09	10	0.51	341	1	0.02	12	390	83	0.01	6	6	18
DD013258		10	1	0.15	10	0.70	493	<1	0.02	11	450	18	0.02	3	5	17
DD013259		10	<1	0.14	10	0.82	663	<1	0.04	11	590	49	0.03	2	7	29
DD013260		10	1	0.10	10	0.64	822	1	0.03	12	590	14	0.03	<2	5	32
DD013261		<10	<1	0.06	10	0.32	175	<1	0.03	7	540	8	0.03	<2	3	22
DD013262		<10	<1	0.07	10	0.55	453	1	0.02	10	690	7	0.03	<2	5	40
DD013263		10	<1	0.12	30	0.55	570	<1	0.02	12	640	9	0.03	2	14	35
DD013264		<10	<1	0.07	20	0.50	350	<1	0.02	13	690	9	0.07	2	5	47
DD013265		10	<1	0.12	40	0.62	343	1	0.02	12	640	9	0.03	3	9	33
DD013266		10	1	0.10	10	0.75	400	1	0.02	11	610	12	0.03	2	6	36
DD013267		<10	<1	0.08	30	0.56	385	1	0.02	11	920	10	0.08	<2	7	57
DD013268		<10	<1	0.07	10	0.37	448	1	0.03	8	770	7	0.06	<2	4	53
DD013269		<10	<1	0.08	10	0.23	514	1	0.02	4	290	27	0.01	<2	2	19
DD013270		<10	<1	0.11	10	0.38	424	1	0.02	8	620	9	0.04	<2	4	40
DD013271		<10	<1	0.11	10	0.41	250	<1	0.02	7	160	14	0.01	<2	3	18
DD013272		<10	<1	0.09	30	0.44	549	1	0.03	10	880	10	0.07	<2	5	40
DD013273		10	<1	0.20	20	0.83	391	<1	0.03	6	780	10	0.04	2	8	30
DD013274		<10	<1	0.08	30	0.45	488	3	0.03	12	770	15	0.20	2	5	36
DD013275		<10	<1	0.06	10	0.40	370	1	0.03	8	800	14	0.06	<2	4	31
DD013276		<10	<1	0.06	10	0.34	410	<1	0.02	8	660	13	0.07	<2	3	28
DD013277		10	<1	0.08	20	0.47	287	1	0.03	10	810	18	0.07	<2	5	30
DD013278		<10	<1	0.05	10	0.33	1630	1	0.03	9	810	11	0.11	<2	3	35
DD013279		<10	<1	0.07	20	0.36	3750	2	0.03	11	960	13	0.12	<2	4	41
DD013280		<10	<1	0.05	10	0.16	491	4	0.03	8	840	9	0.17	<2	3	33
DD013281		<10	<1	0.04	10	0.16	667	1	0.03	7	1060	9	0.23	<2	2	45
DD013282		<10	<1	0.02	10	0.10	336	1	0.04	4	780	3	0.10	<2	1	22
DD013283		<10	<1	0.06	20	0.35	656	5	0.03	8	810	15	0.19	<2	4	61
DD013284		<10	<1	0.06	20	0.34	306	2	0.03	10	790	13	0.17	<2	4	36
DD013285		<10	<1	0.06	10	0.32	316	1	0.03	9	630	13	0.12	<2	4	29
DD013286		<10	<1	0.08	20	0.41	489	1	0.03	11	560	14	0.13	<2	5	32
DD013287		10	<1	0.08	20	0.50	4020	4	0.03	17	890	25	0.12	<2	6	36
DD013288		<10	1	0.06	20	0.40	296	1	0.03	11	650	13	0.08	2	5	39
DD013289		<10	<1	0.06	10	0.35	218	1	0.03	11	680	10	0.13	<2	4	52
DD013290		<10	<1	0.07	10	0.42	997	3	0.03	12	810	13	0.08	2	4	36

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013251		<20	0.09	<10	<10	61	<10	75
DD013252		<20	0.05	<10	<10	35	<10	16
DD013253		<20	0.11	<10	<10	54	<10	60
DD013254		<20	0.09	<10	<10	60	<10	52
DD013255		<20	0.05	<10	<10	54	<10	58
DD013256		<20	0.08	<10	<10	73	<10	127
DD013257		<20	0.09	<10	<10	64	<10	97
DD013258		<20	0.13	<10	<10	67	<10	86
DD013259		<20	0.12	<10	<10	85	<10	132
DD013260		<20	0.10	<10	<10	70	<10	78
DD013261		<20	0.06	<10	<10	38	<10	39
DD013262		<20	0.07	<10	<10	61	<10	63
DD013263		<20	0.07	<10	<10	71	<10	64
DD013264		<20	0.08	<10	<10	48	<10	56
DD013265		<20	0.10	<10	<10	75	<10	56
DD013266		<20	0.10	<10	<10	76	<10	79
DD013267		<20	0.06	<10	<10	72	<10	74
DD013268		<20	0.07	<10	<10	65	<10	63
DD013269		<20	0.03	<10	<10	29	<10	39
DD013270		<20	0.06	<10	<10	58	<10	62
DD013271		<20	0.09	<10	<10	46	<10	51
DD013272		<20	0.05	<10	<10	50	<10	57
DD013273		<20	0.13	<10	<10	105	<10	82
DD013274		<20	0.06	<10	<10	67	<10	201
DD013275		<20	0.07	<10	<10	50	<10	88
DD013276		<20	0.06	<10	<10	51	<10	80
DD013277		<20	0.09	<10	<10	70	<10	111
DD013278		<20	0.05	<10	<10	33	<10	110
DD013279		<20	0.05	<10	10	44	<10	120
DD013280		<20	0.05	<10	10	59	<10	56
DD013281		<20	0.04	<10	10	31	<10	45
DD013282		<20	0.04	<10	<10	13	<10	42
DD013283		<20	0.05	<10	10	71	<10	105
DD013284		<20	0.07	<10	10	52	<10	98
DD013285		<20	0.07	<10	10	56	<10	80
DD013286		<20	0.08	<10	20	54	<10	91
DD013287		<20	0.06	<10	10	71	<10	165
DD013288		<20	0.07	<10	30	64	<10	67
DD013289		<20	0.07	<10	20	53	<10	66
DD013290		<20	0.06	<10	10	64	<10	67

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VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013291		0.16	0.003	0.2	1.76	10	<10	430	0.5	<2	0.58	0.7	8	29	41	1.95
DD013292		0.28	0.007	0.3	1.75	12	<10	450	0.6	<2	0.62	1.4	6	30	50	2.09
DD013293		0.20	0.004	0.2	1.14	7	<10	220	<0.5	<2	0.38	<0.5	7	17	16	1.64
DD013294		0.16	0.004	0.3	1.40	9	<10	480	0.5	<2	0.79	0.6	15	21	25	2.50
DD013295		0.22	0.320	<0.2	0.92	11	<10	190	<0.5	<2	0.48	<0.5	6	16	11	2.13
DD013296		0.22	0.003	<0.2	1.17	8	<10	250	<0.5	<2	0.58	<0.5	6	17	17	1.88
DD013297		0.18	0.006	0.2	1.39	9	<10	300	<0.5	<2	0.62	0.6	6	19	17	1.94
DD013298		0.16	0.007	0.2	1.26	6	<10	330	<0.5	<2	0.58	0.6	8	21	13	2.22
DD013299		0.18	0.006	<0.2	0.74	2	<10	120	<0.5	<2	0.33	<0.5	3	11	10	1.04
DD013300		0.30	0.001	<0.2	0.93	2	<10	150	<0.5	<2	0.52	<0.5	4	13	5	1.63
DD013301		0.18	0.006	0.2	1.36	5	<10	570	0.5	<2	0.87	0.5	7	29	30	2.05
DD013302		0.10	0.011	0.3	1.72	4	<10	720	0.6	<2	1.25	0.6	6	23	38	2.15
DD013303		0.16	0.008	0.2	1.53	3	<10	780	0.6	<2	1.48	<0.5	6	18	32	1.83
DD013304		0.24	0.009	0.3	1.89	9	<10	670	0.8	2	0.95	<0.5	14	22	25	4.39
DD013305		0.16	0.002	0.2	1.65	7	<10	440	0.5	<2	0.49	<0.5	9	16	16	3.89
DD013306		0.16	0.028	0.4	1.27	2	<10	600	0.7	<2	0.92	<0.5	4	11	35	1.51
DD013307		0.24	0.004	0.2	1.83	4	<10	580	0.6	<2	1.23	<0.5	9	16	22	3.00
DD013308		0.16	0.003	0.2	1.46	5	<10	810	0.6	<2	1.69	0.5	8	16	49	2.50
DD013309		0.12	0.004	<0.2	0.57	2	<10	330	<0.5	<2	0.98	<0.5	3	3	13	0.75
DD013310		0.20	0.007	0.4	2.21	11	<10	680	0.8	<2	0.77	<0.5	10	26	40	3.55
DD013311		0.24	0.001	<0.2	2.10	10	<10	250	<0.5	<2	0.25	<0.5	9	24	16	3.67
DD013312		0.22	0.009	<0.2	1.53	8	<10	660	0.5	<2	0.83	<0.5	10	22	23	2.98
DD013313		0.24	0.002	<0.2	1.05	12	<10	260	<0.5	<2	0.45	<0.5	6	19	15	2.46
DD013314		0.22	0.008	<0.2	1.23	6	<10	350	<0.5	<2	0.28	<0.5	7	14	11	2.85
DD013315		0.24	0.002	<0.2	2.75	8	<10	460	0.6	<2	0.34	<0.5	15	19	25	4.95
DD013316		0.26	0.004	<0.2	1.13	6	<10	320	0.5	<2	0.47	<0.5	8	25	24	2.74
DD013317		0.28	0.014	<0.2	1.42	8	<10	290	0.7	<2	0.69	<0.5	11	48	30	3.20
DD013318		0.36	0.003	<0.2	1.46	9	<10	230	0.8	<2	0.67	<0.5	9	45	30	3.05
DD013319		0.20	0.002	<0.2	1.13	6	<10	360	<0.5	<2	0.48	<0.5	6	17	13	3.14
DD013320		0.26	0.003	<0.2	1.10	6	<10	300	<0.5	<2	0.40	<0.5	5	15	17	1.81
DD013321		0.26	0.004	0.2	1.51	7	<10	640	0.5	<2	0.40	<0.5	6	17	31	3.09
DD013322		0.20	0.006	0.2	1.01	4	<10	520	<0.5	<2	0.43	<0.5	3	11	16	1.69
DD013323		0.24	0.003	<0.2	1.48	6	<10	390	<0.5	<2	0.47	<0.5	11	15	9	3.24
DD013324		0.22	0.003	<0.2	0.82	4	<10	210	<0.5	<2	0.17	<0.5	5	12	6	1.93
DD013325		0.22	0.004	0.2	1.07	3	<10	630	<0.5	<2	0.24	<0.5	8	10	20	2.03
DD013326		0.22	0.002	0.3	1.13	7	<10	250	<0.5	<2	0.18	<0.5	4	15	11	1.85
DD013327		0.22	0.003	<0.2	1.68	9	<10	300	<0.5	<2	0.23	<0.5	7	16	13	3.25
DD013328		0.24	0.002	<0.2	1.40	7	<10	220	<0.5	<2	0.24	<0.5	8	21	12	2.81
DD013329		0.24	0.004	<0.2	0.94	6	<10	150	<0.5	<2	0.19	<0.5	5	17	9	1.91
DD013330		0.26	0.006	<0.2	1.14	6	<10	260	<0.5	<2	0.33	<0.5	6	21	13	2.14

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013291		<10	<1	0.07	20	0.45	311	3	0.02	15	770	13	0.18	<2	5	50
DD013292		<10	<1	0.05	20	0.40	231	3	0.03	15	1030	14	0.22	2	5	58
DD013293		<10	<1	0.04	10	0.29	308	<1	0.03	9	760	12	0.04	<2	3	32
DD013294		<10	<1	0.04	20	0.33	1140	3	0.03	15	1160	18	0.08	2	4	95
DD013295		<10	<1	0.04	20	0.31	366	<1	0.02	7	920	17	0.03	<2	3	39
DD013296		<10	<1	0.05	10	0.37	410	<1	0.03	9	930	15	0.05	<2	3	56
DD013297		<10	<1	0.06	20	0.42	238	1	0.03	10	910	22	0.06	<2	4	55
DD013298		<10	<1	0.04	10	0.38	674	1	0.03	11	980	15	0.04	<2	4	62
DD013299		<10	<1	0.03	10	0.21	140	<1	0.02	4	840	5	0.04	<2	1	30
DD013300		<10	<1	0.04	10	0.37	211	<1	0.02	5	900	7	0.03	<2	2	29
DD013301		<10	<1	0.07	20	0.51	202	1	0.02	12	710	9	0.19	<2	6	44
DD013302		10	1	0.08	30	0.57	229	1	0.03	9	640	9	0.36	<2	9	62
DD013303		<10	1	0.11	40	0.45	175	<1	0.03	9	740	8	0.21	<2	9	68
DD013304		10	<1	0.16	40	0.72	837	1	0.03	11	970	14	0.07	<2	12	48
DD013305		10	<1	0.18	20	0.60	528	1	0.02	7	340	11	0.03	<2	9	27
DD013306		<10	<1	0.07	90	0.26	251	<1	0.04	8	900	5	0.06	<2	8	61
DD013307		10	<1	0.17	20	0.67	487	1	0.02	8	720	9	0.06	<2	10	59
DD013308		<10	<1	0.14	30	0.45	277	1	0.04	13	920	15	0.09	<2	9	89
DD013309		<10	<1	0.03	20	0.09	413	<1	0.06	3	540	2	0.04	<2	2	54
DD013310		10	1	0.13	40	0.61	401	1	0.03	14	750	16	0.03	<2	9	40
DD013311		10	<1	0.11	10	0.58	364	2	0.03	11	320	18	<0.01	<2	5	20
DD013312		10	1	0.08	10	0.50	776	1	0.03	10	810	9	0.03	2	6	48
DD013313		<10	<1	0.09	10	0.39	373	<1	0.03	8	230	27	<0.01	2	4	30
DD013314		10	<1	0.14	10	0.45	531	1	0.03	5	250	8	<0.01	<2	5	21
DD013315		10	1	0.12	10	0.75	682	1	0.03	9	410	21	<0.01	2	10	29
DD013316		<10	<1	0.09	10	0.38	479	2	0.04	12	880	7	0.02	3	6	31
DD013317		<10	<1	0.07	20	0.54	361	<1	0.04	24	1130	11	0.01	<2	8	50
DD013318		<10	1	0.07	20	0.60	498	<1	0.04	22	1230	10	0.01	2	7	48
DD013319		<10	<1	0.05	20	0.36	323	1	0.03	7	750	9	0.05	2	5	37
DD013320		<10	<1	0.08	20	0.29	135	1	0.03	8	700	8	0.02	<2	5	31
DD013321		<10	1	0.11	30	0.35	367	1	0.03	7	760	9	0.01	<2	8	25
DD013322		<10	<1	0.08	20	0.23	154	<1	0.03	5	660	6	0.02	<2	4	29
DD013323		10	<1	0.23	10	0.48	521	1	0.03	7	620	9	<0.01	2	6	25
DD013324		<10	<1	0.07	10	0.25	226	<1	0.03	5	380	5	<0.01	<2	2	13
DD013325		<10	1	0.07	30	0.18	1290	<1	0.03	5	310	9	<0.01	<2	4	20
DD013326		<10	<1	0.05	10	0.27	142	<1	0.02	6	210	8	<0.01	<2	3	16
DD013327		10	1	0.16	10	0.59	369	1	0.02	7	340	8	<0.01	<2	5	20
DD013328		10	<1	0.08	10	0.48	407	1	0.02	9	550	7	<0.01	<2	5	14
DD013329		<10	<1	0.07	10	0.33	247	<1	0.02	7	300	6	<0.01	<2	3	14
DD013330		<10	1	0.07	20	0.40	251	1	0.03	8	660	9	<0.01	<2	5	20

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013291		<20	0.07	<10	20	61	<10	81
DD013292		<20	0.06	<10	20	66	<10	85
DD013293		<20	0.05	<10	<10	52	<10	53
DD013294		<20	0.04	<10	10	52	<10	54
DD013295		<20	0.05	<10	<10	54	<10	56
DD013296		<20	0.05	<10	<10	43	<10	67
DD013297		<20	0.05	<10	<10	47	<10	80
DD013298		<20	0.06	<10	<10	49	<10	69
DD013299		<20	0.04	<10	<10	27	<10	31
DD013300		<20	0.04	<10	<10	36	<10	69
DD013301		<20	0.09	<10	<10	111	<10	49
DD013302		<20	0.08	<10	<10	99	<10	65
DD013303		<20	0.09	<10	<10	75	<10	46
DD013304		<20	0.10	<10	<10	81	<10	76
DD013305		<20	0.10	<10	<10	95	<10	70
DD013306		<20	0.04	<10	<10	37	<10	27
DD013307		<20	0.07	<10	<10	73	<10	60
DD013308		<20	0.05	<10	<10	58	<10	81
DD013309		<20	0.02	<10	<10	16	<10	13
DD013310		<20	0.06	<10	<10	76	<10	53
DD013311		<20	0.11	<10	<10	81	<10	54
DD013312		<20	0.07	<10	<10	68	<10	45
DD013313		<20	0.07	<10	<10	54	<10	53
DD013314		<20	0.10	<10	<10	76	<10	50
DD013315		<20	0.07	<10	<10	98	<10	65
DD013316		<20	0.05	<10	<10	66	<10	40
DD013317		<20	0.05	<10	<10	75	<10	54
DD013318		<20	0.05	<10	<10	76	<10	54
DD013319		<20	0.04	<10	<10	44	<10	44
DD013320		<20	0.04	<10	<10	52	<10	40
DD013321		<20	0.04	<10	<10	54	<10	49
DD013322		<20	0.03	<10	<10	34	<10	35
DD013323		<20	0.09	<10	<10	61	<10	66
DD013324		<20	0.05	<10	<10	42	<10	32
DD013325		<20	0.04	<10	<10	44	<10	37
DD013326		<20	0.05	<10	<10	46	<10	29
DD013327		<20	0.11	<10	<10	70	<10	49
DD013328		<20	0.08	<10	<10	64	<10	48
DD013329		<20	0.06	<10	<10	44	<10	34
DD013330		<20	0.05	<10	<10	48	<10	46

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD013331		0.28	0.004	<0.2	1.04	4	<10	260	<0.5	<2	0.42	<0.5	7	16	8	2.01
DD013332		0.32	0.002	<0.2	1.23	3	<10	350	0.5	<2	0.53	<0.5	7	13	13	2.16
DD013333		0.18	0.003	0.2	1.34	5	<10	530	0.6	<2	0.63	<0.5	7	14	33	2.83
DD013334		0.18	0.007	0.3	1.49	6	<10	1200	0.9	<2	0.94	<0.5	8	20	62	2.63
DD013335		0.24	0.002	0.2	1.25	3	<10	430	0.7	<2	0.57	<0.5	6	12	27	2.14
DD013336		0.22	0.001	<0.2	1.01	6	<10	400	<0.5	<2	0.65	<0.5	9	9	16	2.72
DD013337		0.26	0.002	<0.2	1.30	7	<10	220	<0.5	<2	0.24	<0.5	8	15	13	3.97
DD013338		0.30	0.002	0.2	0.94	24	<10	340	0.5	<2	0.30	<0.5	6	7	16	2.39
DD013339		0.12	0.002	0.2	1.17	4	<10	930	0.8	<2	1.40	<0.5	6	13	26	1.89
DD013340		0.24	0.002	<0.2	0.71	3	<10	140	<0.5	<2	0.18	<0.5	4	9	9	1.67
DD013341		0.24	0.005	0.4	1.97	7	<10	440	0.7	<2	0.60	<0.5	8	22	74	2.92
DD013342		0.30	0.008	0.3	1.56	14	<10	550	0.7	<2	0.67	<0.5	11	11	53	3.77
DD013343		0.26	0.004	0.2	1.38	6	<10	340	<0.5	<2	0.76	<0.5	7	18	30	2.55
DD013344		0.24	0.002	0.2	1.33	6	<10	400	0.5	<2	0.56	<0.5	10	18	24	2.93
DD013345		0.24	0.003	<0.2	1.22	7	<10	270	<0.5	<2	0.43	<0.5	7	19	16	2.32
DD013346		0.22	0.004	0.2	1.64	6	<10	590	0.6	<2	0.94	<0.5	8	19	29	2.71
DD013347		0.24	0.002	<0.2	1.63	6	<10	450	0.5	<2	0.87	<0.5	9	18	26	2.61
DD013348		0.14	0.001	<0.2	0.32	4	<10	120	<0.5	<2	0.37	<0.5	4	4	7	0.99
DD013349		0.28	0.002	<0.2	1.57	5	<10	420	0.7	<2	0.47	<0.5	13	10	11	4.61
DD013350		0.26	0.003	<0.2	1.15	5	<10	340	<0.5	<2	0.43	<0.5	7	18	14	2.00
DD013411		0.26	0.006	<0.2	1.15	3	<10	110	<0.5	<2	0.28	<0.5	5	20	10	1.15
DD013412		0.28	0.003	<0.2	1.17	4	<10	120	<0.5	<2	0.29	<0.5	4	19	7	1.25
DD013413		0.28	0.004	<0.2	1.20	3	<10	120	<0.5	3	0.29	<0.5	7	19	15	1.80
DD013414		0.30	0.007	<0.2	1.20	<2	<10	120	<0.5	2	0.26	<0.5	6	22	9	1.52
DD013415		0.26	0.005	<0.2	1.14	3	<10	110	<0.5	2	0.29	<0.5	8	17	10	1.61
DD013416		0.28	0.002	<0.2	1.39	6	<10	150	<0.5	2	0.31	<0.5	8	22	12	2.07
DD013417		0.36	0.003	0.2	1.53	3	<10	180	<0.5	<2	0.31	<0.5	12	23	16	2.38
DD013418		0.38	0.006	0.3	1.37	7	<10	150	<0.5	2	0.25	<0.5	7	21	23	1.81
DD013419		0.40	0.007	0.3	1.16	4	<10	130	<0.5	2	0.27	<0.5	7	17	14	1.40
DD013420		0.24	0.003	<0.2	0.90	<2	<10	110	<0.5	2	0.21	<0.5	6	13	10	1.12
DD013421		0.28	0.005	0.2	1.67	10	<10	220	<0.5	2	0.37	<0.5	10	24	27	2.61
DD013422		0.38	0.004	<0.2	1.48	3	<10	140	<0.5	2	0.32	<0.5	10	21	21	2.27
DD013423		0.36	0.012	<0.2	1.54	7	<10	170	<0.5	2	0.26	<0.5	10	22	24	2.35
DD013424		0.30	0.004	0.2	1.47	3	<10	140	<0.5	2	0.25	<0.5	8	20	18	2.35
DD013425		0.28	0.005	<0.2	1.42	19	<10	330	0.7	2	0.29	<0.5	9	15	19	3.38
DD013426		0.20	0.003	0.3	0.98	5	<10	200	<0.5	<2	0.22	<0.5	7	16	19	1.69
DD013427		0.26	0.008	1.0	3.06	6	<10	270	0.7	11	0.27	0.8	26	49	86	6.09
DD013428		0.30	0.006	0.3	1.99	5	<10	140	<0.5	2	0.20	<0.5	13	25	22	3.32
DD013429		0.24	0.004	<0.2	1.71	11	<10	180	<0.5	2	0.21	<0.5	10	30	19	4.04
DD013430		0.32	0.003	<0.2	1.96	5	<10	350	<0.5	2	0.24	<0.5	10	22	21	3.09

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013331		<10	<1	0.06	10	0.35	293	1	0.03	6	680	8	0.01	2	3	26
DD013332		<10	<1	0.08	20	0.54	225	<1	0.03	4	870	9	0.02	2	7	28
DD013333		<10	1	0.12	20	0.38	174	1	0.03	5	830	11	0.04	3	12	34
DD013334		<10	<1	0.06	30	0.32	433	1	0.03	11	1750	7	0.12	3	7	68
DD013335		<10	<1	0.10	40	0.28	326	<1	0.04	6	590	6	0.03	<2	10	44
DD013336		<10	1	0.07	10	0.35	503	1	0.03	3	570	11	0.02	4	3	46
DD013337		10	<1	0.16	10	0.42	460	1	0.02	4	300	13	<0.01	2	6	20
DD013338		<10	<1	0.07	10	0.18	346	2	0.03	3	400	28	<0.01	3	5	24
DD013339		<10	<1	0.06	20	0.22	1010	<1	0.04	7	940	7	0.08	2	6	75
DD013340		<10	<1	0.07	10	0.24	170	<1	0.03	3	130	10	<0.01	<2	2	16
DD013341		10	1	0.12	50	0.73	464	2	0.03	9	520	14	0.02	2	12	35
DD013342		10	<1	0.13	20	0.72	649	1	0.03	5	760	13	0.01	4	9	29
DD013343		<10	1	0.09	10	0.51	291	1	0.03	7	460	14	0.03	3	6	41
DD013344		<10	<1	0.09	10	0.46	602	<1	0.01	11	380	16	0.04	<2	6	33
DD013345		<10	1	0.08	10	0.46	387	<1	0.01	10	280	9	0.04	<2	4	27
DD013346		<10	<1	0.09	40	0.52	343	<1	0.01	10	720	11	0.08	<2	7	50
DD013347		<10	<1	0.13	40	0.51	387	<1	0.01	10	590	12	0.06	<2	8	48
DD013348		<10	<1	0.03	10	0.07	192	<1	0.03	1	420	2	0.04	<2	1	23
DD013349		10	<1	0.20	20	0.59	1245	2	0.01	4	450	12	0.03	<2	10	26
DD013350		<10	<1	0.10	20	0.40	343	<1	0.01	8	370	6	0.03	<2	4	27
DD013411		<10	<1	0.07	10	0.34	142	<1	0.01	8	570	12	0.04	2	3	18
DD013412		<10	<1	0.07	10	0.37	153	<1	0.01	9	570	14	0.04	<2	3	17
DD013413		<10	<1	0.08	10	0.38	196	<1	0.02	10	510	20	<0.01	2	3	18
DD013414		<10	<1	0.06	10	0.37	143	<1	0.02	10	500	19	0.01	2	3	17
DD013415		<10	<1	0.08	10	0.37	344	1	0.02	9	500	18	<0.01	2	3	19
DD013416		<10	<1	0.07	10	0.42	242	1	0.02	11	790	20	0.02	<2	3	22
DD013417		<10	<1	0.08	10	0.42	440	1	0.02	12	820	14	0.03	<2	4	25
DD013418		<10	<1	0.08	20	0.37	144	1	0.02	10	470	29	<0.01	2	4	18
DD013419		<10	1	0.07	10	0.36	182	<1	0.02	7	510	20	<0.01	2	3	20
DD013420		<10	<1	0.04	10	0.29	141	<1	0.02	6	540	11	<0.01	<2	2	16
DD013421		10	1	0.07	10	0.52	274	1	0.03	11	390	11	0.01	<2	5	27
DD013422		<10	<1	0.08	10	0.53	235	<1	0.03	13	560	8	<0.01	<2	4	22
DD013423		<10	<1	0.08	10	0.53	262	1	0.02	13	410	10	0.01	<2	4	21
DD013424		<10	1	0.06	10	0.50	390	1	0.03	10	480	8	0.02	<2	3	21
DD013425		<10	<1	0.15	20	0.52	745	1	0.03	8	410	34	0.02	<2	8	23
DD013426		10	<1	0.06	10	0.25	331	1	0.02	6	390	16	0.01	<2	2	21
DD013427		10	1	0.30	10	1.37	1980	1	0.03	15	660	217	0.04	<2	10	17
DD013428		10	<1	0.15	10	0.91	571	1	0.04	11	210	24	<0.01	<2	7	18
DD013429		10	<1	0.09	10	0.47	362	1	0.02	12	360	12	<0.01	<2	4	19
DD013430		10	<1	0.09	10	0.49	373	2	0.02	13	380	11	<0.01	<2	6	20

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VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013331		<20	0.04	<10	<10	35	<10	51
DD013332		<20	0.06	<10	<10	56	<10	64
DD013333		<20	0.05	<10	<10	70	<10	73
DD013334		<20	0.04	<10	<10	51	<10	28
DD013335		<20	0.02	<10	<10	39	<10	33
DD013336		<20	0.02	<10	<10	51	<10	42
DD013337		<20	0.09	<10	<10	87	<10	56
DD013338		<20	0.02	<10	<10	50	<10	36
DD013339		<20	0.02	<10	<10	41	<10	30
DD013340		<20	0.06	<10	<10	38	<10	24
DD013341		<20	0.09	<10	<10	74	<10	47
DD013342		<20	0.09	<10	<10	78	<10	65
DD013343		<20	0.07	<10	<10	56	<10	47
DD013344		<20	0.06	<10	<10	61	<10	52
DD013345		<20	0.07	<10	<10	50	<10	41
DD013346		<20	0.06	<10	<10	62	<10	47
DD013347		<20	0.06	<10	<10	56	<10	52
DD013348		<20	0.04	<10	<10	28	<10	12
DD013349		<20	0.12	<10	<10	97	<10	76
DD013350		<20	0.08	<10	<10	49	<10	40
DD013411		<20	0.07	<10	<10	33	<10	37
DD013412		<20	0.07	<10	<10	38	<10	42
DD013413		<20	0.07	<10	<10	39	<10	52
DD013414		<20	0.06	<10	<10	31	<10	49
DD013415		<20	0.06	<10	<10	35	<10	42
DD013416		<20	0.06	<10	<10	43	<10	58
DD013417		<20	0.06	<10	<10	44	<10	59
DD013418		<20	0.06	<10	<10	41	<10	60
DD013419		<20	0.06	<10	<10	36	<10	54
DD013420		<20	0.05	<10	<10	30	<10	43
DD013421		<20	0.08	<10	<10	64	<10	59
DD013422		<20	0.09	<10	<10	51	<10	52
DD013423		<20	0.09	<10	<10	49	<10	54
DD013424		<20	0.08	<10	<10	50	<10	74
DD013425		<20	0.08	<10	<10	53	<10	93
DD013426		<20	0.07	<10	<10	53	<10	29
DD013427		<20	0.19	<10	<10	125	<10	313
DD013428		<20	0.17	<10	<10	83	<10	90
DD013429		<20	0.11	<10	<10	75	<10	51
DD013430		<20	0.07	<10	<10	65	<10	52

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CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013431		0.32	0.003	<0.2	1.71	9	<10	200	<0.5	2	0.23	<0.5	9	21	17	3.01
DD013432		0.28	0.006	<0.2	1.55	7	<10	220	<0.5	2	0.24	<0.5	7	17	17	2.61
DD013433		0.28	0.003	<0.2	1.55	86	<10	360	0.6	2	0.50	<0.5	13	14	19	4.11
DD013434		0.28	0.003	<0.2	1.47	5	<10	230	<0.5	2	0.37	<0.5	10	22	12	2.67
DD013435		0.34	0.004	<0.2	1.48	5	<10	240	<0.5	<2	0.35	<0.5	8	23	13	2.31
DD013436		0.48	0.003	<0.2	1.66	7	<10	480	0.6	<2	0.52	<0.5	15	14	15	4.94
DD013437		0.32	0.004	<0.2	1.56	13	<10	390	0.5	<2	0.44	<0.5	11	21	15	3.15
DD013438		0.28	0.003	<0.2	1.27	18	<10	410	0.5	2	0.47	<0.5	10	18	13	2.54
DD013439		0.30	0.005	<0.2	1.14	7	<10	280	0.5	2	0.28	<0.5	8	21	12	2.14
DD013440		0.26	0.003	0.2	0.98	10	<10	410	0.6	2	0.34	<0.5	5	19	19	1.78
DD013441		0.46	0.012	<0.2	1.75	6	<10	550	0.6	<2	0.42	<0.5	9	22	19	3.10
DD013442		0.36	0.003	<0.2	1.97	9	<10	820	0.7	<2	0.48	<0.5	10	17	18	3.41
DD013443		0.40	0.004	<0.2	1.18	4	<10	370	<0.5	<2	0.34	<0.5	8	17	11	2.62
DD013444		0.32	0.002	<0.2	1.17	3	<10	350	<0.5	<2	0.28	<0.5	8	12	9	3.00
DD013445		0.38	0.005	<0.2	2.10	7	<10	520	0.6	<2	0.34	<0.5	11	21	16	3.92
DD013446		0.20	0.006	0.3	1.44	9	<10	410	0.5	<2	0.41	0.8	8	21	21	2.51
DD013447		0.34	0.017	<0.2	0.96	6	<10	150	<0.5	2	0.37	<0.5	7	12	11	1.80
DD013448		0.18	0.003	0.2	1.43	7	<10	410	0.5	<2	0.29	1.0	6	20	32	2.08
DD013449		0.26	0.004	<0.2	1.20	5	<10	190	<0.5	<2	0.33	<0.5	6	16	18	1.60
DD013450		0.30	0.003	0.3	1.28	9	<10	160	<0.5	<2	0.37	0.5	5	18	22	1.79
DD013451		0.32	0.003	0.2	1.05	5	<10	110	<0.5	<2	0.23	<0.5	7	17	7	2.00
DD013452		0.24	0.006	<0.2	1.14	<2	<10	140	<0.5	2	0.26	<0.5	5	17	9	1.13
DD013453		0.28	0.005	<0.2	1.23	<2	<10	150	<0.5	<2	0.26	<0.5	4	18	11	1.16
DD013454		0.34	0.003	<0.2	1.11	6	<10	160	<0.5	<2	0.22	<0.5	5	18	8	1.66
DD013455		0.32	0.011	0.2	0.97	2	<10	100	<0.5	2	0.36	<0.5	5	17	12	1.82
DD013456		0.18	0.005	<0.2	1.24	8	<10	150	<0.5	<2	0.52	<0.5	8	19	23	2.24
DD013457		0.30	0.005	<0.2	1.21	5	<10	140	<0.5	<2	0.31	<0.5	6	25	16	2.09
DD013458		0.42	0.003	<0.2	1.59	6	<10	150	<0.5	<2	0.28	<0.5	6	16	17	2.30
DD013459		0.28	0.006	<0.2	1.20	4	<10	120	<0.5	2	0.28	<0.5	5	13	10	1.85
DD013460		0.36	0.003	<0.2	1.38	9	<10	130	<0.5	<2	0.33	<0.5	7	18	16	2.40
DD013461		0.28	0.009	0.6	1.72	13	<10	100	<0.5	<2	0.20	2.9	7	23	161	2.67
DD013462		0.28	0.011	0.4	1.36	6	<10	160	<0.5	<2	0.29	0.5	6	24	25	2.13
DD013463		0.28	0.006	0.2	1.52	8	<10	120	<0.5	<2	0.27	<0.5	7	25	27	2.44
DD013464		0.44	0.003	0.2	1.72	7	<10	210	<0.5	<2	0.36	<0.5	8	28	22	2.89
DD013465		0.40	0.005	<0.2	1.95	9	<10	220	0.5	<2	0.31	<0.5	11	28	23	3.32
DD013466		0.32	0.004	<0.2	2.00	6	<10	400	0.6	<2	0.29	<0.5	10	29	18	3.03
DD013467		0.24	0.002	0.2	1.21	10	<10	160	0.5	<2	0.17	<0.5	9	16	16	3.48
DD013468		0.22	0.004	<0.2	0.54	<2	<10	60	<0.5	<2	0.16	<0.5	2	8	14	0.85
DD013469		0.40	0.006	<0.2	1.49	7	<10	290	0.5	2	0.37	<0.5	11	24	19	3.37
DD013470		0.28	0.006	<0.2	1.35	11	<10	150	<0.5	<2	0.20	<0.5	6	19	16	2.19

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013431		10	<1	0.11	10	0.49	406	2	0.02	12	370	8	<0.01	<2	5	19
DD013432		10	<1	0.07	10	0.30	347	2	0.02	7	290	9	<0.01	<2	4	22
DD013433		<10	<1	0.16	20	0.55	1360	2	0.03	7	740	20	0.01	2	10	34
DD013434		10	<1	0.12	10	0.59	309	2	0.03	11	360	6	<0.01	<2	6	26
DD013435		10	<1	0.09	10	0.55	250	1	0.02	12	390	5	0.01	<2	5	25
DD013436		10	1	0.22	20	0.74	790	3	0.03	6	810	10	<0.01	<2	9	28
DD013437		<10	1	0.14	20	0.55	437	2	0.02	9	580	15	0.01	2	7	29
DD013438		<10	<1	0.10	10	0.38	611	3	0.02	8	470	15	0.02	3	5	32
DD013439		<10	<1	0.08	10	0.39	324	1	0.02	11	220	14	<0.01	<2	3	22
DD013440		<10	<1	0.08	10	0.25	775	2	0.02	14	440	65	0.04	2	2	26
DD013441		10	<1	0.17	10	0.67	585	1	0.02	13	420	13	0.02	3	5	27
DD013442		10	1	0.13	10	0.71	638	1	0.02	9	420	20	0.02	3	7	32
DD013443		<10	<1	0.13	20	0.49	774	1	0.02	10	360	9	0.02	<2	4	21
DD013444		10	<1	0.14	10	0.58	412	<1	0.03	5	370	7	0.01	2	4	18
DD013445		10	1	0.22	20	0.80	845	1	0.02	10	670	11	0.03	4	9	23
DD013446		<10	1	0.07	20	0.40	492	2	0.02	12	730	16	0.08	2	6	27
DD013447		<10	<1	0.06	10	0.38	290	1	0.03	6	620	9	0.03	<2	3	24
DD013448		<10	<1	0.05	20	0.37	244	1	0.02	11	580	14	0.07	2	4	21
DD013449		<10	<1	0.05	10	0.30	400	<1	0.02	8	720	12	0.06	<2	3	24
DD013450		<10	<1	0.07	10	0.33	238	1	0.02	9	550	10	0.06	2	4	29
DD013451		<10	<1	0.08	10	0.34	175	<1	0.02	8	470	9	0.01	<2	3	16
DD013452		<10	<1	0.06	10	0.31	307	<1	0.02	9	520	8	0.02	<2	3	18
DD013453		<10	<1	0.06	10	0.32	115	<1	0.02	9	430	9	0.02	<2	3	19
DD013454		<10	<1	0.05	10	0.29	169	<1	0.02	8	440	7	0.02	<2	3	15
DD013455		<10	<1	0.06	10	0.34	278	<1	0.02	9	660	12	0.03	<2	2	25
DD013456		<10	<1	0.09	10	0.47	398	<1	0.03	11	490	9	0.05	2	4	36
DD013457		<10	<1	0.13	10	0.57	388	<1	0.03	12	490	8	0.02	<2	4	23
DD013458		<10	1	0.13	10	0.66	350	<1	0.03	9	370	25	0.02	<2	5	21
DD013459		<10	<1	0.10	10	0.53	326	<1	0.03	7	340	15	0.02	2	4	19
DD013460		<10	<1	0.10	10	0.55	369	<1	0.03	9	510	10	0.02	<2	4	23
DD013461		10	<1	0.06	10	0.34	510	4	0.02	11	430	56	0.02	3	3	19
DD013462		<10	<1	0.06	10	0.46	214	1	0.02	13	730	41	0.02	<2	4	20
DD013463		<10	<1	0.10	10	0.62	299	2	0.02	13	480	21	0.02	<2	4	19
DD013464		10	<1	0.09	20	0.67	374	1	0.02	13	630	12	0.02	<2	5	24
DD013465		10	1	0.12	20	0.66	573	1	0.02	16	560	12	0.02	2	7	23
DD013466		10	<1	0.10	10	0.61	429	1	0.02	16	380	10	0.01	<2	6	23
DD013467		<10	<1	0.08	10	0.24	727	1	0.02	9	380	17	0.02	<2	6	16
DD013468		<10	<1	0.04	<10	0.09	66	<1	0.03	4	400	3	0.02	<2	1	16
DD013469		<10	<1	0.13	20	0.63	661	3	0.02	13	650	9	0.01	2	7	24
DD013470		<10	1	0.07	10	0.26	405	1	0.02	11	330	13	0.02	<2	3	19

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013431		<20	0.07	<10	<10	60	<10	54
DD013432		<20	0.05	<10	<10	62	<10	40
DD013433		<20	0.11	<10	<10	77	<10	113
DD013434		<20	0.10	<10	<10	60	<10	57
DD013435		<20	0.09	<10	<10	55	<10	54
DD013436		20	0.14	<10	<10	95	<10	96
DD013437		<20	0.09	<10	<10	70	<10	73
DD013438		<20	0.05	<10	<10	51	<10	65
DD013439		<20	0.06	<10	<10	44	<10	42
DD013440		<20	0.03	<10	<10	33	<10	59
DD013441		<20	0.12	<10	<10	70	<10	76
DD013442		<20	0.04	<10	<10	74	<10	75
DD013443		<20	0.12	<10	<10	62	<10	54
DD013444		<20	0.15	<10	<10	83	<10	55
DD013445		<20	0.14	<10	<10	87	<10	88
DD013446		<20	0.06	<10	<10	53	<10	94
DD013447		<20	0.06	<10	<10	38	<10	58
DD013448		<20	0.05	<10	<10	50	<10	91
DD013449		<20	0.05	<10	<10	41	<10	71
DD013450		<20	0.05	<10	10	52	<10	58
DD013451		<20	0.06	<10	<10	41	<10	41
DD013452		<20	0.05	<10	<10	29	<10	39
DD013453		<20	0.06	<10	<10	26	<10	40
DD013454		<20	0.05	<10	<10	35	<10	36
DD013455		<20	0.06	<10	<10	47	<10	59
DD013456		<20	0.07	<10	<10	57	<10	52
DD013457		<20	0.10	<10	<10	50	<10	62
DD013458		<20	0.11	<10	<10	58	<10	85
DD013459		<20	0.09	<10	<10	46	<10	67
DD013460		<20	0.10	<10	<10	55	<10	57
DD013461		<20	0.06	<10	<10	61	<10	143
DD013462		<20	0.08	<10	<10	45	<10	89
DD013463		<20	0.12	<10	<10	62	<10	87
DD013464		<20	0.12	<10	<10	71	<10	71
DD013465		<20	0.11	<10	<10	72	<10	67
DD013466		<20	0.07	<10	<10	62	<10	57
DD013467		<20	0.04	<10	<10	72	<10	70
DD013468		<20	0.04	<10	<10	25	<10	15
DD013469		<20	0.12	<10	<10	74	<10	66
DD013470		<20	0.04	<10	<10	50	<10	41

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

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Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013471		0.24	0.016	0.2	1.34	7	<10	370	0.8	<2	0.28	<0.5	8	21	25	2.02
DD013472		0.22	0.002	0.2	0.99	4	<10	180	<0.5	<2	0.14	<0.5	6	18	13	1.91
DD013473		0.26	0.002	<0.2	1.75	12	<10	220	0.6	2	0.14	<0.5	7	21	15	2.54
DD013474		0.42	0.015	0.3	1.32	10	<10	640	1.0	<2	0.28	<0.5	6	22	18	2.33
DD013475		0.32	0.004	<0.2	0.94	8	<10	280	<0.5	<2	0.19	<0.5	5	18	12	1.70
DD013476		0.20	0.003	<0.2	1.32	12	<10	80	<0.5	2	0.10	<0.5	5	19	12	2.06
DD013477		0.28	0.009	0.4	2.06	22	<10	680	0.8	2	0.28	<0.5	6	27	22	2.54
DD013478		0.28	0.006	<0.2	1.37	14	<10	560	0.6	3	0.23	<0.5	5	27	18	2.50
DD013479		0.34	0.004	0.3	1.18	7	<10	380	<0.5	3	0.23	<0.5	7	17	13	2.38
DD013480		0.32	0.003	0.2	1.40	9	<10	330	0.6	2	0.21	<0.5	7	19	15	2.81
DD013481		0.38	0.004	<0.2	1.26	8	<10	360	0.5	3	0.27	<0.5	9	16	12	3.35
DD013482		0.30	0.008	0.3	2.57	14	<10	940	1.0	3	0.43	<0.5	10	29	29	3.81
DD013483		0.24	0.004	<0.2	1.71	8	<10	280	<0.5	3	0.48	<0.5	5	28	14	2.01
DD013484		0.24	0.005	0.2	1.51	8	<10	300	<0.5	3	0.38	0.6	5	22	27	1.64
DD013485		0.14	0.012	0.3	1.11	13	<10	280	<0.5	<2	0.40	<0.5	6	20	33	2.74

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CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013471		<10	<1	0.09	20	0.21	845	2	0.03	13	500	15	0.03	2	3	23
DD013472		<10	<1	0.07	10	0.19	397	1	0.03	8	340	20	0.02	<2	1	14
DD013473		<10	<1	0.08	10	0.27	512	1	0.01	10	280	19	0.02	<2	3	14
DD013474		<10	1	0.13	30	0.34	589	1	0.02	12	430	23	0.01	2	5	22
DD013475		<10	<1	0.09	10	0.30	691	<1	0.02	9	430	19	0.02	2	2	16
DD013476		10	1	0.07	10	0.23	351	2	0.02	10	280	31	0.02	<2	2	12
DD013477		10	2	0.15	10	0.32	624	2	0.02	14	710	48	0.04	<2	3	27
DD013478		10	<1	0.11	10	0.30	598	2	0.02	14	590	35	0.02	2	3	24
DD013479		10	<1	0.13	10	0.39	638	1	0.02	11	390	21	0.02	<2	3	19
DD013480		<10	1	0.10	10	0.38	438	1	0.01	11	290	12	0.01	<2	4	18
DD013481		10	1	0.14	20	0.49	583	1	0.01	10	560	14	0.01	<2	6	20
DD013482		10	1	0.17	30	0.51	679	2	0.02	17	960	18	0.05	<2	8	40
DD013483		<10	1	0.09	20	0.47	280	1	0.02	13	680	15	0.04	<2	5	33
DD013484		<10	1	0.06	20	0.40	207	1	0.02	11	600	15	0.06	2	5	28
DD013485		<10	<1	0.05	10	0.24	700	2	0.02	10	830	11	0.09	<2	4	30

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1016 - 510 W HASTINGS STREET
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Finalized Date: 25- OCT- 2011
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CERTIFICATE OF ANALYSIS WH11179937

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013471		<20	0.03	<10	<10	40	<10	50
DD013472		<20	0.05	<10	<10	46	<10	36
DD013473		<20	0.03	<10	<10	49	<10	46
DD013474		<20	0.04	<10	<10	36	<10	57
DD013475		<20	0.05	<10	<10	36	<10	51
DD013476		<20	0.05	<10	<10	45	<10	48
DD013477		<20	0.02	<10	<10	43	<10	98
DD013478		<20	0.04	<10	<10	50	<10	64
DD013479		<20	0.08	<10	<10	54	<10	54
DD013480		<20	0.05	<10	<10	56	<10	60
DD013481		<20	0.07	<10	<10	63	<10	77
DD013482		<20	0.03	<10	<10	67	<10	90
DD013483		<20	0.07	<10	<10	48	<10	83
DD013484		<20	0.07	<10	10	42	<10	70
DD013485		<20	0.06	<10	10	71	<10	64

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Finalized Date: 24- OCT- 2011
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CERTIFICATE WH11179938

Project: Klaza

P.O. No.:

This report is for 79 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179938

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014631		0.22	0.003	0.2	1.22	8	<10	260	<0.5	<2	0.15	<0.5	12	18	22	2.37
DD014632		0.32	0.002	0.2	1.30	6	<10	370	<0.5	2	0.24	<0.5	4	18	12	1.96
DD014633		0.26	0.004	<0.2	0.81	4	<10	230	<0.5	2	0.17	<0.5	3	14	7	1.72
DD014634		0.30	0.003	<0.2	1.08	9	<10	240	<0.5	<2	0.17	<0.5	7	19	12	3.30
DD014635		0.32	0.002	0.2	1.72	8	<10	250	<0.5	2	0.20	<0.5	6	18	12	2.92
DD014636		0.24	0.003	<0.2	1.30	7	<10	250	<0.5	2	0.27	<0.5	6	19	11	2.45
DD014637		0.28	0.007	0.3	1.00	4	<10	300	<0.5	2	0.44	<0.5	5	16	15	1.69
DD014638		0.34	0.003	<0.2	1.12	8	<10	280	<0.5	2	0.42	<0.5	5	20	11	2.19
DD014639		0.28	0.004	0.2	1.14	15	<10	420	0.7	3	0.53	<0.5	5	20	28	2.92
DD014640		0.26	0.003	0.4	2.18	10	<10	860	0.9	3	0.50	<0.5	10	19	48	3.70
DD014881		0.22	0.002	<0.2	1.19	4	<10	360	<0.5	3	0.71	<0.5	3	17	21	1.20
DD014882		0.28	0.001	0.2	1.40	5	<10	390	<0.5	2	0.56	<0.5	6	20	18	2.24
DD014883		0.24	0.009	<0.2	1.48	10	<10	480	<0.5	2	0.64	<0.5	7	21	18	2.78
DD014884		0.28	0.002	<0.2	0.82	7	<10	210	<0.5	<2	0.42	<0.5	5	14	9	2.17
DD014885		0.24	0.003	<0.2	1.69	6	<10	360	0.5	2	0.51	<0.5	8	20	16	3.27
DD014886		0.22	0.002	0.3	1.79	6	<10	310	0.5	<2	0.49	<0.5	9	16	16	3.21
DD014887		0.20	0.001	<0.2	1.65	7	<10	380	0.5	2	0.57	<0.5	11	17	22	3.83
DD014888		0.16	0.003	0.9	1.48	3	<10	770	0.8	3	1.99	0.5	6	18	77	2.18
DD014889		0.24	0.005	0.7	1.70	10	<10	520	0.9	3	0.72	<0.5	10	24	56	3.14
DD014890		0.24	0.002	0.4	1.59	18	<10	420	0.6	4	0.57	<0.5	9	22	60	3.01
DD014891		0.30	0.003	0.6	1.53	7	<10	660	0.8	4	0.77	<0.5	10	22	42	3.14
DD014892		0.24	0.001	0.2	1.50	8	<10	470	<0.5	2	0.61	<0.5	16	17	23	3.01
DD014893		0.20	0.009	0.2	1.19	8	<10	140	<0.5	2	0.28	<0.5	6	19	22	2.48
DD014894		0.22	0.002	0.4	2.03	10	<10	500	0.5	2	0.60	<0.5	8	28	36	2.72
DD014895		0.28	0.001	0.4	1.60	22	<10	500	0.5	4	0.44	<0.5	10	16	29	3.61
DD014896		0.34	0.001	<0.2	1.28	7	<10	480	0.6	3	0.51	<0.5	9	14	26	4.07
DD014897		0.22	0.001	0.2	3.02	10	<10	300	0.6	<2	0.28	<0.5	11	20	39	4.02
DD014898		0.26	<0.001	0.3	1.75	5	<10	640	0.6	<2	0.68	<0.5	9	15	24	3.39
DD014899		0.26	0.002	<0.2	1.75	9	<10	300	<0.5	2	0.26	<0.5	9	20	18	3.21
DD014900		0.24	0.001	0.4	1.77	7	<10	540	0.6	2	0.69	<0.5	8	20	28	2.72
DD013201		0.24	<0.001	0.2	0.75	2	<10	170	<0.5	<2	0.23	<0.5	5	11	9	2.16
DD013202		0.24	0.001	0.3	1.20	5	<10	420	<0.5	<2	0.58	<0.5	7	16	16	2.36
DD013203		0.32	0.002	0.3	1.57	8	<10	500	0.6	<2	0.60	<0.5	7	19	20	2.77
DD013204		0.16	0.003	0.3	1.30	3	<10	440	0.8	2	0.67	<0.5	6	23	29	1.73
DD013205		0.16	0.001	0.3	0.60	16	<10	610	<0.5	<2	0.98	<0.5	24	6	17	18.0
DD013206		0.20	0.003	0.3	0.95	9	<10	180	<0.5	<2	0.42	<0.5	4	16	15	1.60
DD013207		0.28	0.004	0.4	0.82	9	<10	150	<0.5	<2	0.37	<0.5	5	14	15	1.64
DD013208		0.20	0.002	<0.2	0.71	7	<10	140	<0.5	2	0.36	<0.5	4	12	7	1.43
DD013209		0.26	0.003	0.3	1.02	7	<10	230	<0.5	2	0.43	<0.5	5	18	13	1.85
DD013210		0.16	0.004	0.3	1.82	18	<10	360	0.6	3	0.39	<0.5	5	30	30	2.85

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VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179938

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014631		10	1	0.09	10	0.29	1085	2	0.02	10	540	12	0.02	<2	3	17
DD014632		<10	1	0.07	20	0.31	206	1	0.01	8	260	8	0.01	<2	4	19
DD014633		<10	1	0.09	10	0.28	191	1	0.02	7	160	7	<0.01	<2	3	15
DD014634		10	1	0.12	10	0.34	386	2	0.01	8	460	7	0.01	<2	4	18
DD014635		10	<1	0.07	10	0.30	383	1	0.01	9	290	11	0.01	<2	4	20
DD014636		<10	1	0.07	10	0.33	331	2	0.01	9	500	7	<0.01	<2	4	22
DD014637		<10	2	0.06	20	0.33	228	2	0.02	8	720	12	0.04	<2	5	36
DD014638		<10	<1	0.06	10	0.39	223	<1	0.01	10	550	7	0.01	6	3	26
DD014639		<10	1	0.07	30	0.32	310	1	0.02	10	610	9	0.05	<2	10	36
DD014640		10	1	0.09	40	0.46	565	4	0.02	13	560	23	0.02	2	11	42
DD014881		<10	1	0.06	10	0.33	107	<1	0.03	10	650	7	0.07	<2	4	38
DD014882		<10	<1	0.11	20	0.51	252	1	0.02	11	630	6	0.03	<2	6	29
DD014883		<10	1	0.14	20	0.57	321	1	0.02	11	620	8	0.03	<2	7	35
DD014884		<10	1	0.10	10	0.34	291	1	0.02	8	760	6	0.01	<2	5	22
DD014885		10	<1	0.18	10	0.61	531	2	0.02	10	500	9	0.02	<2	7	29
DD014886		10	1	0.15	10	0.75	599	1	0.02	9	400	7	0.01	2	7	27
DD014887		10	1	0.15	10	0.77	680	1	0.02	8	540	14	0.02	<2	8	31
DD014888		<10	1	0.07	30	0.35	803	1	0.03	15	1160	24	0.11	<2	5	101
DD014889		10	2	0.11	20	0.47	835	2	0.02	13	620	28	0.03	<2	13	43
DD014890		10	<1	0.11	20	0.58	499	1	0.02	13	500	14	0.03	<2	7	34
DD014891		<10	1	0.10	20	0.49	810	1	0.02	14	760	19	0.04	<2	9	38
DD014892		<10	1	0.08	10	0.65	2990	1	0.02	8	530	15	0.02	<2	6	35
DD014893		<10	1	0.10	10	0.40	320	2	0.01	9	240	7	0.01	7	3	25
DD014894		10	1	0.08	10	0.62	365	1	0.02	16	570	11	0.02	<2	6	50
DD014895		10	1	0.11	10	0.36	538	2	0.02	8	400	10	0.01	<2	5	34
DD014896		<10	1	0.10	10	0.46	560	2	0.02	8	480	11	0.01	<2	8	39
DD014897		10	1	0.11	10	1.03	579	1	0.01	15	210	17	<0.01	2	7	37
DD014898		<10	1	0.13	30	0.73	591	1	0.02	8	940	8	0.04	<2	11	45
DD014899		10	<1	0.09	10	0.54	467	1	0.01	12	350	10	<0.01	<2	6	21
DD014900		<10	<1	0.09	40	0.53	662	1	0.01	11	600	8	0.03	<2	8	42
DD013201		<10	<1	0.09	10	0.20	266	1	0.01	5	360	4	0.01	<2	4	17
DD013202		<10	<1	0.12	20	0.40	373	1	0.01	8	500	6	0.03	<2	6	33
DD013203		<10	<1	0.16	40	0.56	355	1	0.01	9	680	6	0.03	<2	10	32
DD013204		<10	<1	0.11	40	0.40	200	1	0.02	10	720	6	0.09	<2	8	33
DD013205		<10	<1	0.01	10	0.06	3380	3	0.02	<1	690	<2	0.08	<2	1	60
DD013206		<10	<1	0.04	10	0.32	197	<1	0.01	7	730	14	0.03	<2	3	31
DD013207		<10	<1	0.04	10	0.28	291	1	0.01	11	760	11	0.01	<2	2	28
DD013208		<10	<1	0.04	10	0.26	248	1	0.01	6	690	10	0.02	<2	2	28
DD013209		<10	<1	0.04	10	0.31	324	1	0.01	8	810	14	0.03	2	3	32
DD013210		<10	<1	0.06	20	0.40	227	4	0.01	12	880	17	0.12	<2	5	33

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VANCOUVER BC V6B 1L8

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Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179938

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014631		<20	0.06	<10	<10	60	<10	46
DD014632		<20	0.06	<10	<10	47	<10	62
DD014633		<20	0.08	<10	<10	47	<10	41
DD014634		<20	0.08	<10	<10	78	<10	58
DD014635		<20	0.07	<10	<10	76	<10	44
DD014636		<20	0.04	<10	<10	52	<10	37
DD014637		<20	0.04	<10	<10	53	<10	52
DD014638		<20	0.06	<10	<10	48	<10	36
DD014639		<20	0.05	<10	10	54	<10	39
DD014640		<20	0.03	<10	<10	69	<10	52
DD014881		<20	0.06	<10	<10	51	<10	38
DD014882		<20	0.07	<10	<10	58	<10	45
DD014883		<20	0.09	<10	<10	61	<10	52
DD014884		<20	0.06	<10	<10	49	<10	42
DD014885		<20	0.10	<10	<10	76	<10	54
DD014886		<20	0.08	<10	<10	72	<10	53
DD014887		<20	0.11	<10	<10	83	<10	69
DD014888		<20	0.04	<10	<10	43	<10	41
DD014889		<20	0.05	<10	<10	61	<10	58
DD014890		<20	0.08	<10	<10	62	<10	56
DD014891		<20	0.06	<10	<10	65	<10	51
DD014892		<20	0.07	<10	<10	65	<10	54
DD014893		<20	0.05	<10	<10	55	<10	42
DD014894		<20	0.07	<10	<10	62	<10	49
DD014895		<20	0.03	<10	<10	69	<10	45
DD014896		<20	0.07	<10	<10	82	<10	63
DD014897		<20	0.02	<10	<10	79	<10	67
DD014898		<20	0.07	<10	<10	71	<10	62
DD014899		<20	0.07	<10	<10	67	<10	52
DD014900		<20	0.07	<10	<10	60	<10	45
DD013201		<20	0.04	<10	<10	45	<10	36
DD013202		<20	0.06	<10	<10	53	<10	45
DD013203		<20	0.07	<10	<10	59	<10	54
DD013204		<20	0.07	<10	<10	99	<10	47
DD013205		<20	0.02	<10	<10	32	<10	32
DD013206		<20	0.04	<10	<10	38	<10	52
DD013207		<20	0.04	<10	<10	36	<10	49
DD013208		<20	0.04	<10	<10	33	<10	48
DD013209		<20	0.04	<10	<10	42	<10	66
DD013210		<20	0.05	<10	20	71	<10	78

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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD013211		0.18	0.001	0.3	1.05	4	<10	220	<0.5	<2	0.29	<0.5	4	17	19	1.07
DD013212		0.20	0.002	0.2	0.86	4	<10	180	<0.5	<2	0.34	<0.5	3	14	24	1.12
DD013213		0.26	0.002	0.2	1.31	11	<10	180	<0.5	<2	0.36	<0.5	6	23	19	1.77
DD013214		0.20	0.002	0.3	1.29	3	<10	240	<0.5	<2	0.52	<0.5	7	23	23	1.75
DD013215		0.28	0.002	0.2	1.10	3	<10	170	<0.5	<2	0.42	<0.5	4	18	15	1.40
DD013216		0.26	0.002	0.3	1.34	6	<10	280	<0.5	2	0.50	0.5	6	22	26	1.45
DD013217		0.18	0.001	0.3	1.14	3	<10	210	<0.5	<2	0.41	<0.5	5	20	17	1.35
DD013218		0.28	0.002	0.3	1.30	4	<10	230	<0.5	<2	0.33	<0.5	7	25	21	1.69
DD013219		0.20	0.005	0.4	1.68	5	<10	230	<0.5	<2	0.39	<0.5	6	27	23	1.80
DD013220		0.18	0.002	0.3	1.08	3	<10	190	<0.5	3	0.34	<0.5	4	19	20	1.49
DD013221		0.18	0.003	0.3	1.25	5	<10	240	<0.5	2	0.38	<0.5	6	18	25	1.41
DD013222		0.20	0.002	<0.2	0.94	<2	<10	150	<0.5	2	0.32	<0.5	4	16	8	1.01
DD013223		0.20	0.003	0.2	1.66	5	<10	370	0.5	<2	0.44	0.5	6	26	23	1.76
DD013224		0.20	0.002	0.2	1.30	8	<10	350	<0.5	<2	0.40	<0.5	6	21	13	2.00
DD013225		0.12	0.002	0.4	1.41	<2	<10	540	0.5	<2	0.37	0.7	4	17	21	2.60
DD013226		0.18	0.001	0.4	0.73	2	<10	670	<0.5	<2	0.30	0.8	1	11	32	0.82
DD013227		0.26	0.009	0.3	1.04	6	<10	410	<0.5	2	0.24	<0.5	4	16	12	1.75
DD013228		0.14	0.003	0.4	2.14	9	<10	710	0.9	<2	0.24	0.6	4	27	23	2.32
DD013229		0.28	0.005	<0.2	0.95	8	<10	300	<0.5	2	0.14	<0.5	4	17	10	1.91
DD013230		0.22	0.003	0.3	0.95	8	<10	210	<0.5	<2	0.15	<0.5	4	16	16	1.63
DD013231		0.24	0.002	0.5	1.65	14	<10	420	0.6	2	0.20	<0.5	6	26	20	2.47
DD013232		0.24	0.004	0.4	1.30	11	<10	330	<0.5	<2	0.20	<0.5	5	21	15	1.96
DD013233		0.22	0.010	<0.2	1.48	6	<10	200	0.5	2	0.18	<0.5	8	21	11	2.07
DD013234		0.26	0.002	<0.2	0.90	3	<10	280	<0.5	<2	0.30	<0.5	6	18	8	1.63
DD013235		0.16	0.005	0.2	1.09	6	<10	220	<0.5	3	0.13	<0.5	5	14	16	1.56
DD013236		0.20	0.002	0.2	1.41	14	<10	90	<0.5	2	0.12	<0.5	6	24	12	3.00
DD013237		0.22	0.001	0.3	1.79	14	<10	110	<0.5	3	0.12	<0.5	7	23	11	2.94
DD013238		0.22	0.009	<0.2	1.63	6	<10	130	<0.5	2	0.22	<0.5	8	28	12	2.50
DD013239		0.22	0.003	0.2	1.22	12	<10	330	0.5	<2	0.25	<0.5	9	14	13	3.38
DD013240		0.20	0.002	<0.2	2.14	10	<10	140	0.5	<2	0.15	<0.5	10	28	20	2.56
DD013241		0.22	0.003	0.2	2.07	22	<10	290	0.8	2	0.18	<0.5	14	25	19	3.14
DD013242		0.20	0.001	<0.2	1.08	6	<10	110	<0.5	2	0.14	<0.5	7	17	10	2.23
DD013243		0.24	0.007	<0.2	0.74	7	<10	120	<0.5	2	0.16	<0.5	8	16	10	2.34
DD013244		0.16	0.003	<0.2	1.98	11	<10	190	0.5	2	0.22	<0.5	10	28	19	2.98
DD013245		0.30	0.002	0.2	1.57	6	<10	230	<0.5	<2	0.40	<0.5	12	23	18	3.34
DD013246		0.26	0.002	<0.2	1.51	6	<10	240	<0.5	2	0.30	<0.5	11	25	20	2.57
DD013247		0.20	0.002	0.3	1.64	8	<10	310	<0.5	<2	0.34	<0.5	10	26	20	2.29
DD013248		0.26	0.002	0.2	1.15	5	<10	180	<0.5	2	0.31	<0.5	7	18	13	1.73
DD013249		0.28	0.005	<0.2	1.40	6	<10	140	<0.5	<2	0.27	0.6	6	23	37	1.89

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179938

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013211		<10	<1	0.04	10	0.27	111	1	0.01	8	530	6	0.06	<2	3	22
DD013212		<10	<1	0.04	10	0.23	145	1	0.01	6	550	6	0.08	<2	2	26
DD013213		<10	<1	0.06	10	0.39	175	1	0.02	10	620	10	0.03	<2	4	29
DD013214		<10	<1	0.06	10	0.39	287	<1	0.01	11	620	8	0.06	<2	4	44
DD013215		<10	<1	0.04	10	0.28	270	<1	0.01	8	800	8	0.04	<2	2	32
DD013216		<10	<1	0.06	10	0.35	775	1	0.02	11	710	10	0.08	<2	3	39
DD013217		<10	1	0.04	10	0.28	175	<1	0.02	8	740	9	0.05	<2	3	33
DD013218		<10	<1	0.06	10	0.37	361	1	0.02	11	470	11	0.03	<2	4	25
DD013219		<10	<1	0.06	10	0.42	215	1	0.01	10	560	12	0.05	2	5	29
DD013220		<10	<1	0.04	10	0.26	136	<1	0.01	8	780	7	0.05	<2	3	23
DD013221		<10	1	0.05	10	0.31	383	1	0.02	9	680	9	0.07	<2	3	28
DD013222		<10	<1	0.05	10	0.31	132	<1	0.01	7	630	7	0.01	<2	2	18
DD013223		<10	<1	0.08	20	0.40	284	1	0.01	12	770	13	0.08	<2	5	30
DD013224		<10	<1	0.06	20	0.38	408	1	0.01	10	790	9	0.03	<2	4	25
DD013225		<10	1	0.08	30	0.25	243	1	0.02	8	690	8	0.07	<2	6	25
DD013226		<10	<1	0.05	10	0.10	43	<1	0.02	7	560	4	0.05	<2	1	29
DD013227		<10	<1	0.09	10	0.27	298	1	0.01	7	560	17	0.02	<2	3	19
DD013228		10	1	0.10	10	0.26	253	2	0.01	11	330	38	0.01	2	3	28
DD013229		<10	<1	0.05	10	0.26	235	1	0.01	8	150	15	0.01	<2	2	14
DD013230		<10	<1	0.07	10	0.23	374	1	0.01	7	430	46	0.01	<2	1	13
DD013231		<10	1	0.11	10	0.32	779	1	0.01	12	560	42	0.02	2	2	20
DD013232		<10	<1	0.08	10	0.29	253	1	0.01	10	540	48	0.02	2	2	18
DD013233		<10	<1	0.08	10	0.30	393	3	0.01	12	450	22	0.02	<2	2	15
DD013234		<10	<1	0.07	10	0.33	214	2	0.01	9	630	9	0.01	<2	3	16
DD013235		<10	<1	0.05	10	0.13	171	3	0.02	5	390	12	0.03	<2	1	13
DD013236		10	<1	0.07	10	0.28	199	3	0.01	9	210	14	0.02	<2	2	14
DD013237		10	<1	0.08	10	0.30	285	3	0.01	12	230	19	0.02	<2	3	14
DD013238		10	<1	0.10	10	0.38	275	3	0.02	13	330	11	0.02	<2	3	20
DD013239		<10	<1	0.11	10	0.30	418	5	0.02	7	780	13	0.02	<2	7	15
DD013240		10	<1	0.09	10	0.40	301	3	0.02	16	250	11	0.02	<2	4	16
DD013241		<10	<1	0.12	10	0.37	1570	4	0.01	15	430	33	0.02	2	4	15
DD013242		10	<1	0.07	10	0.18	336	4	0.02	7	460	11	0.02	<2	2	14
DD013243		10	<1	0.09	10	0.27	382	4	0.01	7	220	11	0.02	2	3	15
DD013244		10	<1	0.09	10	0.51	287	3	0.02	14	330	11	0.03	<2	5	19
DD013245		10	<1	0.10	10	0.67	521	5	0.02	10	420	13	0.02	<2	5	26
DD013246		<10	<1	0.09	10	0.59	470	3	0.02	14	400	12	0.02	<2	4	22
DD013247		<10	<1	0.07	20	0.44	655	4	0.02	14	730	12	0.03	<2	5	26
DD013248		<10	<1	0.06	10	0.34	208	3	0.02	9	630	9	0.03	<2	3	20
DD013249		<10	<1	0.07	10	0.47	183	3	0.01	11	410	14	0.02	<2	3	18

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VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11179938

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013211		<20	0.05	<10	10	38	<10	41
DD013212		<20	0.04	<10	10	23	<10	43
DD013213		<20	0.06	<10	10	51	<10	54
DD013214		<20	0.07	<10	10	43	<10	60
DD013215		<20	0.05	<10	10	37	<10	43
DD013216		<20	0.06	<10	10	52	<10	67
DD013217		<20	0.05	<10	10	40	<10	49
DD013218		<20	0.07	<10	10	45	<10	61
DD013219		<20	0.07	<10	10	54	<10	60
DD013220		<20	0.08	<10	10	54	<10	51
DD013221		<20	0.05	<10	10	43	<10	70
DD013222		<20	0.06	<10	<10	29	<10	41
DD013223		<20	0.06	<10	10	54	<10	72
DD013224		<20	0.06	<10	<10	45	<10	68
DD013225		<20	0.03	<10	<10	40	<10	46
DD013226		<20	0.03	<10	<10	15	<10	24
DD013227		<20	0.03	<10	<10	33	<10	52
DD013228		<20	0.02	<10	<10	42	<10	63
DD013229		<20	0.05	<10	<10	53	<10	38
DD013230		<20	0.04	<10	<10	35	<10	37
DD013231		<20	0.03	<10	<10	48	<10	71
DD013232		<20	0.03	<10	<10	42	<10	57
DD013233		<20	0.05	<10	<10	43	<10	52
DD013234		<20	0.07	<10	<10	35	<10	38
DD013235		<20	0.04	<10	<10	41	<10	21
DD013236		<20	0.10	<10	<10	86	<10	39
DD013237		<20	0.04	<10	<10	59	<10	48
DD013238		<20	0.09	<10	<10	61	<10	48
DD013239		<20	0.04	<10	<10	63	<10	60
DD013240		<20	0.08	<10	<10	53	<10	46
DD013241		<20	0.03	<10	<10	48	<10	81
DD013242		<20	0.05	<10	<10	61	<10	42
DD013243		<20	0.07	<10	<10	58	<10	49
DD013244		<20	0.09	<10	<10	68	<10	58
DD013245		<20	0.15	<10	<10	88	<10	79
DD013246		<20	0.11	<10	<10	63	<10	65
DD013247		<20	0.07	<10	<10	52	<10	57
DD013248		<20	0.06	<10	<10	39	<10	47
DD013249		<20	0.08	<10	<10	44	<10	71

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11180090

Project: Klaza DDH- 49

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31- OCT- 2011
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Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11180090

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972262		4.43	0.011	0.5	0.57	38	<10	360	0.8	2	2.65	1.1	10	3	6	2.60
K972263		3.63	0.005	0.3	0.54	16	<10	730	0.7	2	2.22	0.6	6	2	10	2.52
K972264		0.73	0.355	1.7	0.52	65	<10	150	0.6	4	1.66	1.0	17	2	4	6.02
K972265		1.76	0.024	1.1	0.50	19	<10	450	0.7	5	1.54	1.2	9	2	8	3.72
K972266		1.27	0.120	1.5	0.46	56	<10	100	0.6	6	1.72	1.8	16	2	4	4.32
K972267		2.52	0.037	1.3	0.52	35	<10	100	0.6	5	0.66	1.3	9	2	12	4.95
K972268		1.80	0.534	>100	0.44	297	<10	50	0.5	80	0.88	67.5	19	3	2360	3.19
K972269		3.70	0.070	7.6	0.44	100	<10	100	0.6	3	0.73	7.8	16	3	309	5.02
K972270		2.53	0.031	5.5	0.68	53	<10	240	1.2	3	1.42	5.8	11	6	97	3.51
K972271		0.13	1.495	35.8	5.24	170	<10	50	<0.5	19	4.67	36.5	91	63	7960	8.90
K972272		3.81	0.062	2.2	0.72	55	<10	240	1.3	2	1.03	6.9	3	3	40	1.46
K972273		4.26	0.033	1.6	0.69	38	<10	530	1.3	3	1.31	2.4	3	3	24	1.63
K972274		1.48	<0.005	<0.2	0.06	3	<10	20	<0.5	4	20.4	<0.5	1	<1	<1	0.48
K972275		3.77	0.032	1.4	0.74	46	<10	480	1.3	2	1.31	2.2	2	2	17	1.28
K972276		7.30	<0.005	<0.2	0.72	5	<10	1180	1.0	<2	3.03	<0.5	4	6	1	2.06
K972277		1.59	0.120	3.4	0.58	154	<10	180	0.8	3	1.14	14.9	13	4	42	3.21
K972278		2.79	0.026	<0.2	0.52	83	<10	210	0.7	3	0.95	2.1	3	1	2	4.30
K972279		1.20	<0.005	<0.2	0.05	2	<10	20	<0.5	4	20.3	<0.5	<1	<1	<1	0.49
K972280		1.71	<0.005	<0.2	1.09	<2	<10	140	1.5	2	8.2	1.2	12	8	4	5.76
K972281		4.58	0.006	0.4	0.59	57	<10	480	0.9	4	2.56	0.8	8	2	6	2.33
K972282		7.61	<0.005	<0.2	0.91	11	<10	750	0.7	<2	1.84	<0.5	7	7	5	2.74
K972283		2.54	<0.005	<0.2	0.67	9	<10	990	0.9	2	3.36	0.5	6	3	10	2.36
K972284		4.30	0.008	<0.2	0.57	19	<10	370	0.8	4	2.08	0.5	6	3	6	2.35
K972285		3.02	0.005	<0.2	0.60	60	<10	260	0.9	3	1.56	<0.5	11	4	25	2.00
K972286		2.07	<0.005	<0.2	0.64	36	<10	1330	1.0	<2	2.50	<0.5	10	24	23	2.84
K972287		1.32	<0.005	<0.2	0.99	9	<10	560	1.3	<2	6.15	0.7	17	98	53	4.77
K972288		1.07	<0.005	<0.2	1.02	13	<10	570	1.3	<2	6.10	0.7	17	100	46	4.80
K972289		5.13	0.048	0.8	0.56	121	<10	280	0.6	3	1.00	5.9	10	4	9	3.61
K972290		2.74	<0.005	<0.2	1.13	24	<10	610	1.5	<2	4.45	0.8	16	58	68	4.92
K972291		5.10	<0.005	<0.2	0.62	25	<10	770	0.9	<2	1.61	<0.5	9	3	11	3.10
K972292		3.41	<0.005	<0.2	0.77	25	<10	1110	0.9	<2	2.54	<0.5	8	3	6	2.60
K972293		2.02	<0.005	<0.2	0.63	19	<10	1690	0.7	<2	3.08	<0.5	6	3	2	2.40
K972294		1.23	<0.005	<0.2	0.70	62	<10	1520	0.8	2	4.78	<0.5	8	3	2	2.88
K972295		5.73	<0.005	<0.2	0.73	13	<10	980	0.8	<2	2.74	<0.5	7	6	2	2.77
K972296		0.13	1.060	35.0	5.02	167	<10	50	<0.5	15	4.64	35.4	90	60	7660	8.61
K972297		4.19	<0.005	0.2	1.06	28	<10	940	0.9	<2	3.14	<0.5	10	15	19	2.89

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CERTIFICATE OF ANALYSIS WH11180090

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972262		<10	1	0.42	20	0.72	2470	2	0.02	3	560	39	0.88	7	5	143
K972263		<10	1	0.47	20	0.68	3240	<1	0.02	2	620	26	0.27	7	4	121
K972264		<10	1	0.37	20	0.62	7470	<1	0.02	<1	540	119	2.13	10	4	93
K972265		<10	<1	0.39	20	0.54	4220	<1	0.01	2	590	79	0.49	6	4	94
K972266		<10	1	0.32	20	0.60	5110	<1	0.01	2	500	119	1.62	10	4	98
K972267		<10	<1	0.42	20	0.32	5830	<1	0.01	<1	580	279	0.68	10	4	69
K972268		<10	3	0.30	10	0.27	8000	4	0.01	1	420	>10000	2.46	543	2	65
K972269		<10	<1	0.32	20	0.33	7530	2	0.02	1	490	388	1.59	143	4	70
K972270		<10	<1	0.36	20	0.65	4960	<1	0.02	4	810	1880	0.89	55	5	216
K972271		10	2	0.25	10	1.25	696	48	0.36	347	750	9250	8.11	34	5	84
K972272		<10	<1	0.28	10	0.31	1275	1	0.02	3	200	259	0.32	10	4	211
K972273		<10	1	0.28	10	0.32	1520	1	0.02	1	180	233	0.47	9	4	207
K972274		<10	1	0.03	10	13.00	246	<1	0.02	4	200	2	0.02	<2	<1	56
K972275		<10	2	0.28	10	0.29	1345	<1	0.02	<1	140	146	0.27	9	3	241
K972276		<10	1	0.33	10	0.76	1120	<1	0.02	4	560	10	0.04	3	6	309
K972277		<10	4	0.33	10	0.41	7280	4	0.02	15	320	656	1.24	21	4	130
K972278		<10	2	0.45	20	0.36	19450	<1	0.02	1	570	49	1.35	6	3	78
K972279		<10	1	0.03	10	13.00	266	<1	0.02	3	160	<2	0.02	2	<1	52
K972280		<10	1	0.18	10	2.70	5690	<1	0.03	10	2250	16	0.03	3	12	381
K972281		<10	1	0.45	20	0.72	3170	1	0.02	2	590	49	0.52	6	6	140
K972282		<10	1	0.38	20	0.73	933	<1	0.06	1	620	7	0.06	2	9	142
K972283		<10	1	0.47	20	0.83	1685	<1	0.02	<1	580	35	0.33	6	5	173
K972284		<10	1	0.48	20	0.48	2180	1	0.02	1	590	31	0.83	6	5	114
K972285		<10	1	0.43	20	0.44	2040	4	0.02	3	560	22	0.43	11	5	117
K972286		<10	1	0.45	20	0.89	2600	2	0.03	9	920	19	0.24	9	9	181
K972287		<10	1	0.40	20	2.78	2680	<1	0.05	29	1990	6	0.04	9	20	369
K972288		<10	1	0.44	10	2.82	2680	<1	0.06	29	1930	7	0.04	8	20	377
K972289		<10	1	0.41	20	0.28	11700	5	0.02	2	610	173	1.10	9	5	81
K972290		<10	1	0.44	10	2.13	3140	<1	0.05	21	1980	8	0.06	14	17	348
K972291		<10	<1	0.44	20	0.50	6180	4	0.02	1	600	24	0.31	6	5	134
K972292		<10	1	0.33	20	0.62	1060	<1	0.02	1	640	18	0.15	2	7	211
K972293		<10	1	0.34	20	0.71	1185	<1	0.03	<1	660	9	0.16	3	7	189
K972294		<10	<1	0.26	20	1.41	1540	<1	0.03	2	520	18	0.21	4	7	286
K972295		<10	1	0.28	20	0.88	931	<1	0.04	<1	610	10	0.08	2	8	194
K972296		10	2	0.24	10	1.20	669	47	0.35	342	720	8950	7.75	33	5	80
K972297		<10	1	0.36	20	0.97	1050	1	0.05	10	770	13	0.19	5	10	267

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11180090

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K972262		<20	<0.01	<10	<10	12	<10	108	1	
K972263		<20	<0.01	<10	<10	10	<10	84	1	
K972264		<20	<0.01	<10	<10	9	<10	136	2	
K972265		<20	<0.01	<10	<10	8	<10	168	2	
K972266		<20	<0.01	<10	<10	8	<10	200	2	
K972267		<20	<0.01	<10	<10	8	<10	131	1	
K972268		<20	<0.01	<10	<10	7	10	6530	140	1.655
K972269		<20	<0.01	<10	<10	8	<10	441	8	
K972270		<20	<0.01	<10	<10	27	<10	678	5	
K972271		<20	0.06	<10	10	342	20	8540	32	
K972272		<20	<0.01	<10	10	10	<10	685	2	
K972273		<20	<0.01	<10	10	9	<10	235	2	
K972274		<20	<0.01	<10	<10	<1	<10	18	<1	
K972275		<20	<0.01	<10	10	5	<10	205	1	
K972276		<20	<0.01	<10	<10	29	<10	73	<1	
K972277		<20	<0.01	<10	10	14	<10	1380	4	
K972278		<20	<0.01	<10	<10	9	<10	129	<1	
K972279		<20	<0.01	<10	<10	<1	<10	18	<1	
K972280		<20	<0.01	<10	<10	127	<10	253	<1	
K972281		<20	<0.01	<10	<10	12	<10	76	1	
K972282		<20	0.04	<10	<10	46	<10	53	<1	
K972283		<20	<0.01	<10	<10	13	<10	48	<1	
K972284		<20	<0.01	<10	<10	12	<10	44	<1	
K972285		<20	<0.01	<10	<10	18	<10	38	<1	
K972286		<20	<0.01	<10	10	41	<10	68	<1	
K972287		<20	0.03	<10	<10	147	<10	124	<1	
K972288		<20	0.04	<10	<10	153	<10	124	<1	
K972289		<20	<0.01	<10	<10	11	<10	588	<1	
K972290		<20	0.02	<10	<10	138	<10	137	<1	
K972291		<20	<0.01	<10	<10	15	<10	49	1	
K972292		<20	<0.01	<10	<10	23	<10	60	<1	
K972293		<20	<0.01	<10	<10	19	<10	55	<1	
K972294		<20	<0.01	<10	<10	32	<10	89	<1	
K972295		<20	0.01	<10	<10	37	<10	56	<1	
K972296		<20	0.06	<10	10	331	20	8320	29	
K972297		<20	0.03	<10	<10	53	<10	52	1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11180091

Project: Klaza DDH- 41

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 5- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11180091

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K863262		4.66	0.098		4.3	0.68	65	<10	250	0.8	<2	1.73	11.6	5	9	15
K863263		6.63	0.014		0.4	1.13	78	<10	250	0.8	<2	2.17	2.3	4	12	8
K863264		4.35	0.020		7.8	0.66	75	<10	620	0.9	<2	2.62	4.7	6	8	15
K863265		2.04	<0.005		<0.2	0.05	4	<10	20	<0.5	<2	19.2	<0.5	1	1	1
K863266		8.23	0.006		0.3	1.00	21	<10	250	<0.5	<2	1.72	1.6	7	10	7
K863267		5.97	<0.005		<0.2	1.34	6	<10	310	<0.5	<2	1.83	<0.5	6	10	6
K863268		2.95	0.403		2.2	0.56	1060	<10	40	0.8	<2	3.96	0.9	5	5	5
K863269		7.81	0.009		0.2	1.22	61	<10	660	0.6	<2	2.18	<0.5	6	10	13
K863270		6.49	<0.005		<0.2	1.27	16	<10	270	<0.5	<2	2.03	<0.5	5	10	5
K863271		5.27	0.031		0.3	0.79	36	<10	80	0.5	2	4.70	<0.5	27	7	3
K863272		2.03	0.015		5.0	0.78	17	<10	880	0.5	<2	2.32	10.4	10	7	17
K863273		4.11	<0.005		<0.2	0.99	8	<10	310	0.5	<2	1.97	<0.5	5	10	7
K863274		2.47	0.020		0.4	0.56	93	<10	470	0.9	<2	3.15	<0.5	6	5	19
K863275		2.48	<0.005		<0.2	0.04	4	<10	20	<0.5	<2	19.3	<0.5	2	1	2
K863277		7.77	<0.005		<0.2	1.28	12	<10	240	0.5	<2	1.51	<0.5	6	10	3
K863278		12.77	<0.005		<0.2	1.32	6	<10	180	<0.5	<2	1.14	<0.5	8	12	1
K863279		11.91	<0.005		<0.2	1.30	7	<10	110	<0.5	<2	0.97	<0.5	5	11	2
K863280		12.87	<0.005		<0.2	1.21	6	<10	140	<0.5	<2	0.88	<0.5	6	12	2
K863281		13.06	<0.005		<0.2	1.20	6	<10	200	<0.5	<2	0.97	<0.5	6	12	30
K863282		11.12	<0.005		<0.2	1.23	9	<10	140	<0.5	<2	0.93	<0.5	6	11	2
K863283		0.16	1.660		31.6	4.70	150	<10	30	<0.5	4	4.46	32.1	83	54	6940
K863284		12.32	<0.005		<0.2	1.15	5	<10	110	<0.5	<2	1.07	<0.5	6	9	18
K863285		11.46	<0.005		<0.2	1.21	5	<10	300	<0.5	<2	1.72	<0.5	6	11	4
K863286		12.94	<0.005		<0.2	1.02	3	<10	190	<0.5	<2	1.16	<0.5	4	12	2
K863287		11.63	<0.005		<0.2	1.15	3	<10	350	<0.5	<2	1.72	<0.5	7	9	2
K863288		1.88	0.081		4.3	0.53	361	<10	40	0.5	<2	1.32	30.5	11	7	33
K863289		5.00	<0.005		<0.2	0.80	7	<10	320	0.5	<2	1.82	<0.5	7	9	3
K863290		3.01	<0.005		<0.2	0.79	6	<10	460	0.5	<2	1.86	<0.5	6	7	4
K863291		6.97	0.658		2.0	0.50	502	<10	20	0.5	<2	2.52	13.1	35	6	12
K863292		2.41	>10.0	24.4	>100	0.23	>10000	<10	10	<0.5	86	4.01	>1000	2	1	1605
K863293		4.41	0.050		1.0	0.56	90	<10	100	0.7	2	2.08	5.2	10	8	9
K863294		10.34	0.068		0.5	1.08	61	<10	490	0.6	<2	1.93	2.9	5	8	7
K863295		0.15	1.415		32.3	4.70	147	<10	30	<0.5	18	4.49	32.2	82	53	7060
K863296		8.17	0.005		0.3	1.17	9	<10	430	0.6	<2	1.81	<0.5	6	9	10
K863297		11.34	0.076		0.3	0.53	144	<10	310	0.7	<2	2.53	1.2	10	8	7
K863298		1.72	5.39		54.1	0.39	>10000	<10	20	<0.5	7	2.32	254	3	5	342

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11180091

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K863262		3.38	<10	1	0.30	20	0.57	2960	<1	0.01	1	560	1410	0.68	6	6
K863263		2.85	<10	<1	0.21	20	0.54	610	<1	0.03	1	600	133	0.22	2	7
K863264		2.94	<10	<1	0.30	20	0.60	1710	1	0.02	2	560	2620	0.50	7	7
K863265		0.46	<10	1	0.02	<10	12.35	212	<1	0.01	<1	170	5	0.01	2	<1
K863266		3.09	<10	<1	0.27	20	0.66	806	<1	0.07	<1	590	94	0.20	3	6
K863267		3.01	<10	<1	0.22	20	0.80	609	<1	0.09	1	630	19	0.07	2	7
K863268		3.38	<10	<1	0.34	20	1.18	1815	<1	0.01	2	480	141	2.15	20	5
K863269		2.89	10	1	0.22	20	0.86	602	<1	0.05	1	580	8	0.20	5	6
K863270		3.07	10	<1	0.22	20	0.78	562	<1	0.08	1	630	8	0.10	3	7
K863271		3.31	<10	<1	0.47	20	0.97	1115	2	0.03	2	670	5	1.04	<2	5
K863272		3.46	<10	<1	0.35	20	0.71	1090	<1	0.04	1	580	2460	0.35	4	5
K863273		2.71	<10	<1	0.21	20	0.62	533	1	0.06	1	580	8	0.06	<2	7
K863274		2.70	<10	1	0.28	20	0.87	1365	<1	0.01	1	530	16	0.54	6	6
K863275		0.45	<10	<1	0.02	<10	12.25	206	<1	0.01	2	170	<2	0.01	<2	<1
K863277		2.77	<10	1	0.22	20	0.67	504	<1	0.08	2	560	9	0.06	<2	6
K863278		2.70	10	<1	0.16	10	0.88	388	<1	0.10	<1	600	8	0.03	<2	4
K863279		2.84	10	<1	0.13	10	0.70	419	<1	0.10	1	600	8	0.01	2	4
K863280		2.62	10	<1	0.12	10	0.68	368	<1	0.09	1	600	7	0.02	<2	3
K863281		2.61	10	<1	0.16	10	0.70	378	1	0.10	<1	600	7	0.01	<2	4
K863282		2.67	<10	<1	0.13	10	0.75	436	1	0.08	1	560	21	0.02	2	4
K863283		7.93	10	1	0.23	<10	1.11	598	39	0.33	299	650	7930	7.09	25	4
K863284		2.69	<10	<1	0.11	10	0.69	399	1	0.09	1	580	16	0.05	<2	5
K863285		2.98	<10	<1	0.17	20	0.68	622	1	0.06	1	580	30	0.12	2	6
K863286		2.78	<10	<1	0.12	10	0.66	403	1	0.08	1	560	8	0.08	<2	6
K863287		2.79	<10	<1	0.18	20	0.68	510	1	0.06	1	610	9	0.16	2	6
K863288		4.49	<10	<1	0.37	10	0.57	1170	1	0.01	1	530	952	2.49	4	3
K863289		2.48	<10	<1	0.18	20	0.58	504	1	0.05	1	570	11	0.67	<2	5
K863290		2.53	<10	<1	0.21	20	0.60	521	1	0.05	1	560	15	0.63	<2	5
K863291		3.77	<10	<1	0.32	10	0.79	1255	2	0.01	<1	550	455	3.01	5	3
K863292		8.83	<10	4	0.17	<10	1.45	4620	14	0.01	<1	130	>10000	>10.0	204	<1
K863293		2.80	<10	<1	0.39	20	0.59	1250	1	0.01	2	540	239	1.42	4	3
K863294		2.75	<10	<1	0.23	20	0.59	632	<1	0.04	<1	510	60	0.31	2	5
K863295		7.97	10	1	0.23	<10	1.11	601	40	0.33	296	660	8040	7.08	26	4
K863296		2.87	<10	<1	0.25	20	0.55	534	<1	0.04	2	570	20	0.33	2	5
K863297		2.67	<10	<1	0.26	10	0.82	936	1	0.01	<1	510	44	0.70	3	5
K863298		5.69	<10	1	0.28	10	0.71	6130	3	0.01	<1	290	6960	4.60	89	1

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Finalized Date: 5- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11180091

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K863262		61	<20	<0.01	<10	<10	25	<10	796	6		
K863263		90	20	0.01	<10	<10	36	<10	169	1		
K863264		105	<20	<0.01	<10	<10	27	<10	350	8		
K863265		45	<20	<0.01	<10	<10	2	<10	16	1		
K863266		72	<20	0.02	<10	<10	41	<10	158	3		
K863267		87	<20	0.04	<10	<10	50	<10	47	1		
K863268		108	<20	<0.01	<10	<10	12	<10	126	3		
K863269		94	<20	0.01	<10	<10	37	<10	49	2		
K863270		63	<20	0.03	<10	<10	46	<10	46	3		
K863271		151	20	<0.01	<10	<10	26	<10	52	<1		
K863272		96	<20	<0.01	<10	<10	30	<10	762	5		
K863273		74	<20	0.01	<10	<10	42	<10	38	1		
K863274		101	<20	<0.01	<10	<10	17	<10	41	1		
K863275		45	<20	<0.01	<10	<10	2	<10	12	1		
K863277		77	<20	0.09	<10	<10	46	<10	33	1		
K863278		45	<20	0.17	<10	<10	56	<10	33	1		
K863279		46	<20	0.15	<10	<10	57	<10	38	1		
K863280		42	<20	0.15	<10	<10	55	<10	32	<1		
K863281		44	<20	0.16	<10	<10	57	<10	31	2		
K863282		44	<20	0.12	<10	<10	51	<10	65	1		
K863283		76	<20	0.05	<10	10	310	10	7430	30		
K863284		45	<20	0.09	<10	<10	55	<10	53	1		
K863285		59	<20	0.04	<10	<10	50	<10	51	<1		
K863286		47	<20	0.06	<10	<10	52	<10	35	1		
K863287		66	<20	0.01	<10	<10	42	<10	48	<1		
K863288		42	<20	<0.01	<10	<10	18	<10	2110	4		
K863289		93	<20	0.01	<10	<10	31	<10	41	<1		
K863290		84	<20	0.01	<10	<10	29	<10	44	<1		
K863291		74	<20	<0.01	<10	10	11	<10	1015	1		
K863292		77	<20	<0.01	<10	<10	3	10	>10000	113	1.530	8.62
K863293		66	<20	<0.01	<10	<10	10	<10	403	<1		
K863294		79	<20	<0.01	<10	<10	30	<10	236	<1		
K863295		74	<20	0.05	<10	10	311	10	7520	31		
K863296		76	<20	<0.01	<10	<10	30	<10	71	<1		
K863297		102	<20	<0.01	<10	<10	23	<10	119	<1		
K863298		44	<20	<0.01	<10	<10	7	<10	>10000	51		1.755

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11180248

Project: Klaza PDH- 11- 12

P.O. No.: Batch 3

This report is for 30 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11180248

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835310		1.88	<0.005	<0.2	1.69	6	<10	440	<0.5	<2	2.59	<0.5	11	14	13	2.95
L835311		2.77	<0.005	<0.2	1.55	9	<10	630	<0.5	<2	3.28	<0.5	11	13	8	2.89
L835312		2.19	<0.005	<0.2	1.70	7	<10	800	0.5	<2	3.19	<0.5	11	13	8	2.85
L835313		1.83	<0.005	<0.2	1.82	3	<10	1510	<0.5	<2	2.95	<0.5	11	13	11	3.08
L835314		1.94	<0.005	<0.2	1.58	2	<10	2100	0.5	<2	3.16	<0.5	11	10	11	2.93
L835315		1.69	<0.005	<0.2	0.91	6	<10	530	0.6	<2	3.17	<0.5	10	9	7	2.79
L835316		1.77	<0.005	<0.2	1.20	4	<10	770	<0.5	<2	3.32	<0.5	11	12	7	2.89
L835317		2.17	<0.005	<0.2	1.74	4	<10	680	<0.5	<2	2.67	<0.5	12	14	14	3.17
L835318		1.85	<0.005	<0.2	1.74	3	<10	470	<0.5	<2	2.32	<0.5	11	15	10	2.99
L835319		1.95	<0.005	<0.2	1.75	4	<10	1150	<0.5	<2	2.68	<0.5	11	14	9	3.12
L835320		2.33	<0.005	<0.2	1.73	2	<10	660	<0.5	<2	2.48	<0.5	11	15	9	3.06
L835321		2.17	<0.005	<0.2	1.77	5	<10	830	<0.5	2	2.78	<0.5	11	15	10	2.97
L835322		2.10	<0.005	<0.2	1.80	2	<10	1040	<0.5	2	2.93	<0.5	11	14	12	3.10
L835323		2.16	<0.005	<0.2	1.65	3	<10	1520	<0.5	2	2.31	<0.5	11	13	11	2.93
L835324		1.78	<0.005	<0.2	1.71	4	<10	550	<0.5	<2	3.29	<0.5	11	13	10	3.03
L835325		2.01	<0.005	<0.2	1.50	3	<10	460	0.6	<2	3.14	<0.5	10	10	4	2.77
L835326		2.93	<0.005	<0.2	1.56	4	<10	620	<0.5	2	3.07	<0.5	11	13	8	2.96
L835327		1.62	<0.005	<0.2	1.64	4	<10	420	<0.5	<2	3.12	<0.5	11	13	10	2.93
L835328		1.52	<0.005	<0.2	1.78	2	<10	1030	<0.5	<2	3.81	<0.5	11	14	10	2.99
L835329		2.19	<0.005	0.2	0.05	3	<10	10	<0.5	<2	18.9	<0.5	<1	1	3	0.38
L835330		1.84	<0.005	<0.2	1.81	7	<10	900	0.5	<2	3.15	<0.5	9	12	11	3.22
L835331		1.63	<0.005	0.2	1.80	7	<10	550	<0.5	<2	2.70	<0.5	9	13	9	3.19
L835332		1.93	<0.005	<0.2	1.57	5	<10	570	<0.5	<2	3.19	<0.5	8	12	9	3.02
L835333		1.25	<0.005	0.2	1.71	6	<10	150	<0.5	<2	2.86	<0.5	9	15	13	3.07
L835334		2.51	<0.005	<0.2	1.62	4	<10	170	<0.5	<2	2.65	<0.5	9	14	7	2.94
L835335		1.76	<0.005	0.2	1.69	4	<10	660	<0.5	<2	2.53	<0.5	9	15	9	3.15
L835336		0.11	1.390	32.6	4.68	150	<10	50	<0.5	10	4.36	30.8	83	54	6810	7.83
L835337		1.70	<0.005	<0.2	0.92	8	<10	690	0.5	<2	3.17	<0.5	8	10	22	2.94
L835338		1.24	<0.005	0.2	0.63	7	<10	1120	0.5	<2	3.83	<0.5	7	7	6	2.74
L835339		1.79	<0.005	0.2	0.59	4	<10	1690	0.5	<2	3.38	<0.5	8	8	6	2.76

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11180248

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835310		10	<1	0.23	20	1.02	713	1	0.06	3	650	8	0.02	<2	6	110
L835311		10	1	0.24	20	0.93	727	1	0.05	2	670	12	0.03	<2	6	134
L835312		10	<1	0.29	30	1.03	766	<1	0.05	2	660	12	0.06	<2	5	139
L835313		10	<1	0.32	20	1.09	768	<1	0.06	2	700	6	0.04	<2	6	133
L835314		10	<1	0.35	20	0.99	746	<1	0.06	2	690	6	0.06	<2	5	175
L835315		<10	1	0.32	20	0.94	786	<1	0.05	3	660	10	0.05	<2	5	138
L835316		<10	<1	0.29	20	0.82	727	<1	0.06	3	670	9	0.02	<2	7	157
L835317		10	<1	0.22	20	1.14	738	1	0.06	2	690	6	0.02	<2	7	115
L835318		10	1	0.20	20	1.12	697	1	0.06	2	650	5	0.01	2	7	106
L835319		10	<1	0.23	20	1.13	750	1	0.06	2	670	5	0.03	<2	7	123
L835320		10	<1	0.22	20	1.10	715	2	0.06	2	660	6	0.02	<2	7	102
L835321		10	<1	0.24	20	1.14	736	1	0.06	2	680	8	0.02	<2	7	126
L835322		10	<1	0.22	30	1.17	789	1	0.06	2	690	6	0.03	<2	7	161
L835323		10	<1	0.18	20	1.09	687	1	0.04	2	660	6	0.04	<2	6	127
L835324		10	<1	0.29	20	1.02	761	<1	0.04	2	670	7	0.01	<2	5	143
L835325		10	1	0.25	20	0.92	671	<1	0.03	2	690	11	0.01	<2	6	145
L835326		10	<1	0.26	20	0.95	753	1	0.05	2	660	13	0.02	<2	6	148
L835327		10	<1	0.28	20	1.03	750	<1	0.05	2	660	13	0.05	<2	5	116
L835328		10	<1	0.29	20	1.06	807	<1	0.05	3	700	10	0.04	<2	6	182
L835329		<10	<1	0.02	<10	11.80	183	<1	<0.01	2	240	5	0.01	<2	<1	49
L835330		10	<1	0.30	20	1.16	790	1	0.04	2	710	9	0.05	2	5	136
L835331		10	<1	0.28	20	1.11	712	1	0.04	2	700	8	0.03	<2	6	122
L835332		<10	<1	0.24	20	0.99	751	1	0.03	2	680	8	0.02	<2	6	160
L835333		<10	<1	0.24	20	1.09	759	1	0.03	3	670	7	0.01	<2	6	115
L835334		<10	1	0.26	20	1.03	717	1	0.04	3	630	7	0.01	<2	5	118
L835335		<10	<1	0.22	20	1.05	712	13	0.06	2	660	8	0.02	2	7	139
L835336		<10	1	0.22	<10	1.08	607	46	0.31	293	640	7870	6.94	26	4	78
L835337		<10	<1	0.29	20	0.94	762	1	0.03	3	670	17	0.03	<2	6	171
L835338		<10	<1	0.33	20	1.10	810	2	0.02	2	590	12	0.07	2	4	200
L835339		<10	<1	0.32	20	0.82	729	1	0.03	2	630	10	0.08	<2	4	151

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11180248

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835310		<20	0.01	<10	<10	53	<10	55	<1
L835311		<20	0.01	<10	<10	49	<10	59	<1
L835312		<20	<0.01	<10	<10	39	<10	57	<1
L835313		<20	<0.01	<10	<10	48	<10	56	<1
L835314		<20	<0.01	<10	<10	39	<10	52	<1
L835315		<20	<0.01	<10	10	33	<10	57	<1
L835316		<20	<0.01	<10	<10	45	<10	53	<1
L835317		<20	0.01	<10	<10	55	<10	56	<1
L835318		<20	0.01	<10	<10	57	<10	54	<1
L835319		<20	0.01	<10	<10	56	<10	55	<1
L835320		<20	0.01	<10	<10	58	<10	54	<1
L835321		<20	0.01	<10	<10	55	<10	57	1
L835322		<20	0.01	<10	<10	56	<10	57	<1
L835323		<20	0.01	<10	<10	51	<10	53	1
L835324		<20	<0.01	<10	<10	47	<10	52	<1
L835325		<20	0.01	<10	<10	44	<10	52	1
L835326		<20	<0.01	<10	<10	46	<10	58	1
L835327		<20	<0.01	<10	<10	42	<10	57	<1
L835328		<20	<0.01	<10	<10	46	<10	56	<1
L835329		<20	<0.01	<10	10	2	<10	15	<1
L835330		<20	0.01	<10	<10	49	<10	59	<1
L835331		<20	0.01	<10	<10	54	<10	58	<1
L835332		<20	<0.01	<10	<10	48	<10	55	<1
L835333		<20	<0.01	<10	<10	51	<10	55	<1
L835334		<20	<0.01	<10	<10	43	<10	54	<1
L835335		<20	0.01	<10	<10	55	<10	58	<1
L835336		<20	0.05	<10	<10	304	<10	7010	32
L835337		<20	<0.01	<10	<10	38	<10	68	<1
L835338		<20	<0.01	<10	<10	25	<10	62	<1
L835339		<20	<0.01	<10	<10	24	<10	58	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11180249

Project: Klaza PDH- 11- 12

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11180249

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L835274		1.91	<0.005	<0.2	1.28	<2	<10	440	0.8	<2	1.27	<0.5	1	5	<1	1.13
L835275		2.35	<0.005	<0.2	1.12	3	<10	490	0.7	<2	1.38	<0.5	1	5	<1	1.18
L835276		2.58	<0.005	<0.2	1.19	3	<10	670	1.0	<2	2.87	<0.5	2	5	<1	1.26
L835277		2.82	<0.005	<0.2	1.03	<2	<10	540	1.4	<2	3.61	<0.5	3	5	<1	1.55
L835278		2.18	<0.005	<0.2	1.12	<2	<10	290	1.5	<2	3.46	<0.5	8	8	3	2.90
L835279		1.84	<0.005	<0.2	0.84	10	<10	2040	1.1	<2	4.35	<0.5	9	6	8	2.69
L835280		2.73	<0.005	<0.2	0.65	20	<10	2130	0.8	<2	3.27	<0.5	9	6	13	2.73
L835281		2.64	<0.005	<0.2	1.08	<2	<10	790	0.6	<2	2.87	<0.5	9	7	13	2.99
L835282		2.34	<0.005	<0.2	0.79	<2	<10	1790	0.6	<2	3.72	<0.5	9	7	5	2.98
L835283		2.94	<0.005	<0.2	0.88	<2	<10	2150	0.6	<2	3.81	<0.5	9	7	6	2.75
L835284		2.22	<0.005	<0.2	0.63	4	<10	1930	0.6	<2	3.38	<0.5	8	8	14	2.53
L835285		5.00	<0.005	<0.2	0.92	<2	<10	870	0.5	<2	3.29	<0.5	9	9	5	2.91
L835286		2.37	<0.005	<0.2	0.83	<2	<10	500	0.5	<2	2.47	<0.5	9	10	7	2.86
L835287		2.66	<0.005	<0.2	0.69	2	<10	1190	0.5	<2	3.32	<0.5	9	7	8	2.75
L835288		1.99	<0.005	<0.2	0.64	<2	<10	2250	0.6	<2	3.54	<0.5	9	7	7	2.89
L835289		2.56	<0.005	<0.2	0.92	<2	<10	520	0.5	<2	3.26	<0.5	9	9	8	2.96
L835290		2.03	<0.005	<0.2	0.83	<2	<10	1210	0.6	2	3.39	<0.5	9	9	8	2.98
L835291		2.69	<0.005	0.2	0.86	5	<10	1580	0.6	2	3.22	1.3	11	7	8	3.12
L835292		2.25	<0.005	<0.2	1.17	4	<10	750	0.5	2	2.69	2.0	9	9	9	2.88
L835293		2.37	<0.005	<0.2	1.72	2	<10	790	0.5	2	2.92	<0.5	9	11	8	3.01
L835294		1.45	<0.005	<0.2	0.05	<2	<10	20	<0.5	3	20.0	<0.5	<1	1	19	0.43
L835295		2.07	<0.005	<0.2	1.27	2	<10	760	<0.5	<2	2.41	<0.5	9	11	6	3.08
L835296		2.47	<0.005	<0.2	1.65	<2	<10	1080	<0.5	<2	2.80	<0.5	9	12	10	3.00
L835297		2.22	<0.005	<0.2	1.00	4	<10	980	0.6	2	2.84	<0.5	9	10	8	2.90
L835298		2.61	<0.005	<0.2	1.07	2	<10	980	0.5	2	3.32	<0.5	9	8	6	2.84
L835299		2.32	<0.005	<0.2	1.64	<2	<10	430	<0.5	2	2.26	<0.5	10	13	12	3.17
L835300		0.13	1.510	34.5	5.15	152	<10	50	<0.5	16	4.57	33.1	85	59	7410	8.28
L835301		2.73	<0.005	<0.2	0.67	4	<10	680	0.5	2	3.15	<0.5	9	8	16	2.89
L835302		2.53	<0.005	<0.2	1.13	2	<10	2360	0.5	<2	3.17	<0.5	9	9	9	2.96
L835303		2.27	<0.005	<0.2	1.71	2	<10	1210	<0.5	2	4.47	<0.5	9	10	11	3.03
L835304		2.39	<0.005	<0.2	1.79	<2	<10	1680	0.6	2	2.94	<0.5	10	11	10	2.96
L835305		2.98	<0.005	<0.2	1.73	5	<10	2050	0.6	2	3.74	<0.5	10	11	12	3.03
L835306		3.20	<0.005	<0.2	1.67	2	<10	1390	0.5	2	3.32	<0.5	9	11	8	2.86
L835307		2.51	<0.005	<0.2	1.84	2	<10	1640	<0.5	2	2.52	<0.5	10	14	10	3.12
L835308		1.77	<0.005	<0.2	1.74	<2	<10	650	<0.5	2	2.90	<0.5	9	12	4	2.70
L835309		2.31	<0.005	<0.2	1.72	<2	<10	1150	<0.5	<2	2.45	<0.5	10	15	10	3.08

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11180249

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835274		<10	<1	0.41	10	0.32	261	<1	0.06	1	100	14	0.01	<2	2	211
L835275		<10	<1	0.42	10	0.35	361	<1	0.06	1	100	12	0.01	<2	2	233
L835276		<10	<1	0.40	10	0.83	435	<1	0.07	<1	110	14	0.02	<2	2	381
L835277		<10	<1	0.39	10	1.03	492	<1	0.06	<1	230	11	0.02	<2	3	474
L835278		<10	<1	0.43	20	0.79	780	<1	0.06	2	610	8	0.01	<2	7	269
L835279		<10	<1	0.37	20	0.87	796	<1	0.07	2	590	20	0.07	2	6	370
L835280		<10	1	0.29	20	1.03	764	<1	0.06	2	590	27	0.08	5	7	312
L835281		<10	<1	0.28	20	0.74	708	<1	0.05	2	650	13	0.06	3	7	206
L835282		<10	<1	0.32	20	0.94	841	<1	0.06	1	640	11	0.07	2	5	211
L835283		<10	<1	0.30	20	0.74	751	<1	0.06	2	620	12	0.08	2	5	210
L835284		<10	1	0.32	20	0.81	753	<1	0.06	2	640	23	0.07	<2	5	183
L835285		<10	<1	0.28	20	0.95	788	<1	0.07	2	640	9	0.04	<2	6	180
L835286		<10	<1	0.22	20	0.90	700	1	0.05	2	650	6	0.03	2	8	153
L835287		<10	<1	0.32	20	1.16	856	<1	0.05	2	620	10	0.05	<2	6	165
L835288		<10	1	0.31	20	1.16	899	<1	0.06	2	630	11	0.08	3	6	200
L835289		<10	<1	0.27	20	0.89	850	6	0.05	1	650	8	0.03	<2	7	149
L835290		<10	1	0.32	20	0.98	840	4	0.07	3	680	10	0.06	<2	7	203
L835291		<10	1	0.33	20	0.98	1580	4	0.07	3	680	45	0.14	5	8	156
L835292		<10	1	0.28	20	0.99	1810	1	0.05	2	640	62	0.25	3	7	123
L835293		<10	<1	0.28	20	1.16	805	1	0.06	3	680	10	0.05	4	7	149
L835294		<10	<1	0.02	<10	12.95	206	<1	0.03	1	300	<2	0.10	<2	<1	51
L835295		<10	1	0.24	20	0.90	713	2	0.10	3	680	7	0.11	<2	8	125
L835296		<10	1	0.22	20	1.13	729	2	0.07	2	660	6	0.04	<2	7	134
L835297		<10	1	0.27	20	0.85	720	1	0.06	2	710	11	0.04	3	7	120
L835298		<10	<1	0.28	20	1.16	751	1	0.04	2	640	9	0.02	<2	5	145
L835299		10	<1	0.19	20	1.08	718	2	0.06	3	670	5	0.01	<2	8	98
L835300		<10	2	0.24	10	1.19	640	48	0.34	314	690	8390	8.19	29	5	79
L835301		<10	1	0.23	20	1.01	772	1	0.03	2	680	15	0.02	<2	8	174
L835302		<10	<1	0.26	20	0.96	787	1	0.06	3	680	11	0.06	<2	7	219
L835303		<10	1	0.26	20	1.06	841	1	0.04	3	670	9	0.02	2	5	215
L835304		<10	<1	0.28	20	1.14	713	1	0.05	3	690	9	0.04	2	5	116
L835305		<10	1	0.31	20	1.07	775	<1	0.06	3	710	10	0.08	<2	4	151
L835306		<10	1	0.29	20	1.05	730	1	0.05	2	680	11	0.10	<2	4	130
L835307		10	<1	0.25	20	1.19	750	1	0.07	2	700	7	0.04	<2	6	154
L835308		10	1	0.30	20	1.07	727	1	0.05	2	670	6	<0.01	<2	6	131
L835309		10	<1	0.20	20	1.19	755	1	0.06	2	690	5	0.02	<2	7	125

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11180249

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835274		<20	0.08	<10	<10	11	<10	45	<1
L835275		<20	0.09	<10	<10	11	<10	52	<1
L835276		<20	0.08	<10	<10	12	<10	57	2
L835277		<20	0.06	<10	<10	22	<10	53	<1
L835278		<20	<0.01	<10	<10	53	<10	66	<1
L835279		<20	<0.01	<10	10	41	<10	66	1
L835280		<20	<0.01	<10	10	31	<10	69	<1
L835281		<20	<0.01	<10	<10	43	<10	60	<1
L835282		<20	<0.01	<10	<10	33	<10	65	<1
L835283		<20	<0.01	<10	<10	32	<10	62	<1
L835284		<20	<0.01	<10	<10	27	<10	76	<1
L835285		<20	<0.01	<10	<10	42	<10	57	<1
L835286		<20	<0.01	<10	<10	46	<10	54	<1
L835287		<20	<0.01	<10	<10	33	<10	61	<1
L835288		<20	<0.01	<10	<10	32	<10	64	<1
L835289		<20	<0.01	<10	<10	45	<10	60	<1
L835290		<20	<0.01	<10	<10	41	<10	58	<1
L835291		<20	<0.01	<10	<10	38	<10	120	<1
L835292		<20	<0.01	<10	<10	38	<10	134	<1
L835293		<20	0.01	<10	<10	45	<10	60	<1
L835294		<20	<0.01	<10	<10	<1	<10	14	<1
L835295		<20	0.01	<10	<10	55	<10	55	<1
L835296		<20	0.01	<10	<10	49	<10	57	<1
L835297		<20	<0.01	<10	<10	45	<10	61	<1
L835298		<20	<0.01	<10	<10	36	<10	68	<1
L835299		<20	0.01	<10	<10	58	<10	57	1
L835300		<20	0.06	<10	<10	323	10	7620	33
L835301		<20	<0.01	<10	<10	47	<10	63	<1
L835302		<20	<0.01	<10	<10	50	<10	56	1
L835303		<20	0.01	<10	<10	44	<10	62	1
L835304		<20	<0.01	<10	<10	43	<10	62	<1
L835305		<20	0.01	<10	<10	41	<10	61	1
L835306		<20	<0.01	<10	<10	39	<10	61	<1
L835307		<20	0.01	<10	<10	53	<10	60	1
L835308		<20	0.01	<10	<10	46	<10	56	<1
L835309		<20	0.01	<10	<10	56	<10	60	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11181292

Project: Klaza- DDH- 31

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 29- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 31

CERTIFICATE OF ANALYSIS WH11181292

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K270289		0.025
K270290		2.58
K270291		0.008
K270292		0.006
K270293		0.010
K270294		3.34
K270295		0.005
K270296		0.010
K270297		0.005
K270298		5.07
K270299		<0.005
K270300		0.116
K270301		0.011
K270302		0.234
K270303		<0.005
K270304		<0.005
K270305		0.013
K270306		3.32
K270307		0.006
K270308		<0.005
K270309		0.141
K270310		0.022
K270311		0.014
K270312		0.006
K270313		0.547
K270314		<0.005
K270315		0.202
K270316		0.227
K270317		0.240
K270318		0.051
K270319		0.260
K270320		0.096
K270321		0.605
K270322		<0.005
K270323		1.090
K270324		0.027

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Finalized Date: 24- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11181293

Project: Klaza- DDH- 38

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 38

CERTIFICATE OF ANALYSIS WH11181293

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K270379		<0.005
K270380		0.011
K270381		0.012
K270382		<0.005
K270383		<0.005
K270384		<0.005
K270385		1.385
K270386		<0.005
K270387		<0.005
K270388		0.009
K270389		0.021
K270390		0.008
K270391		<0.005
K270392		<0.005
K270393		<0.005
K270394		<0.005
K270395		0.013
K270396		<0.005
K270397		3.26
K270398		<0.005
K270399		0.007
K270400		0.034
K270401		0.192
K270402		0.327
K270403		1.210
K270404		<0.005
K270405		2.88
K270406		0.030
K270407		<0.005
K270408		0.208
K270409		6.00
K270410		0.010
K270411		0.010
K270412		0.006
K270413		0.030
K270414		0.732

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11181310

Project: Klaza PDH- 11- 12

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11181310

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835238		1.14	<0.005	<0.2	1.61	15	<10	450	0.5	<2	0.52	<0.5	9	12	9	2.93
L835239		1.11	<0.005	<0.2	1.73	18	<10	630	0.6	<2	0.94	<0.5	10	12	9	3.42
L835240		1.15	<0.005	<0.2	1.76	5	<10	1010	0.5	<2	2.07	<0.5	10	11	8	3.61
L835241		1.64	<0.005	<0.2	1.81	3	<10	1440	0.6	<2	2.67	<0.5	11	9	7	3.49
L835242		2.05	<0.005	<0.2	1.73	2	<10	340	<0.5	<2	2.97	<0.5	10	10	6	3.26
L835243		1.55	<0.005	<0.2	1.80	4	<10	500	0.6	<2	2.19	<0.5	11	10	18	3.51
L835244		2.04	<0.005	<0.2	1.71	3	<10	510	0.5	<2	2.98	<0.5	11	10	21	3.38
L835245		2.06	<0.005	<0.2	1.82	4	<10	1200	0.5	<2	2.79	<0.5	10	11	19	3.48
L835246		2.20	<0.005	<0.2	1.73	3	<10	690	0.5	<2	2.28	<0.5	11	13	24	3.67
L835247		2.07	<0.005	<0.2	1.68	10	<10	680	0.7	<2	2.63	<0.5	11	9	12	3.08
L835248		2.15	<0.005	<0.2	1.63	<2	<10	230	<0.5	<2	3.13	<0.5	11	10	17	3.26
L835249		2.44	<0.005	<0.2	1.67	4	<10	660	<0.5	<2	2.44	<0.5	11	11	15	3.38
L835250		1.79	<0.005	<0.2	1.78	3	<10	320	0.5	<2	2.15	<0.5	12	11	18	3.74
L835251		2.81	<0.005	<0.2	1.44	4	<10	900	0.6	<2	4.72	<0.5	9	8	13	2.98
L835252		2.26	<0.005	<0.2	1.71	3	<10	350	0.6	<2	2.38	<0.5	11	9	25	3.45
L835253		1.90	<0.005	<0.2	1.89	3	<10	320	0.5	<2	3.50	<0.5	12	10	25	3.56
L835254		1.81	<0.005	<0.2	1.85	2	<10	290	0.6	<2	2.22	<0.5	11	10	4	3.53
L835255		1.91	<0.005	<0.2	1.76	<2	<10	270	0.5	<2	2.47	<0.5	10	11	7	3.44
L835256		1.97	<0.005	<0.2	1.55	2	<10	200	0.6	<2	3.86	<0.5	9	8	4	2.82
L835257		2.40	<0.005	<0.2	1.74	2	<10	380	0.5	<2	2.90	<0.5	10	10	4	3.41
L835258		2.19	<0.005	<0.2	1.42	3	<10	810	0.5	<2	3.92	<0.5	9	8	2	2.59
L835259		0.11	1.470	32.3	4.79	146	<10	50	<0.5	7	4.66	32.9	86	58	7040	8.26
L835260		2.11	<0.005	<0.2	1.74	3	<10	310	0.7	<2	2.65	<0.5	11	10	17	3.11
L835261		1.84	<0.005	<0.2	1.65	3	<10	640	<0.5	<2	3.40	<0.5	11	10	8	3.15
L835262		2.27	<0.005	<0.2	1.13	7	<10	2460	0.7	<2	5.19	<0.5	9	6	7	2.71
L835263		1.80	<0.005	<0.2	1.48	3	<10	690	0.5	<2	3.75	<0.5	9	9	7	2.91
L835264		2.43	<0.005	<0.2	1.41	3	<10	110	<0.5	<2	3.01	<0.5	9	9	11	2.76
L835265		1.97	<0.005	<0.2	1.55	2	<10	90	0.5	<2	2.60	<0.5	11	11	10	3.09
L835266		2.12	<0.005	<0.2	0.98	5	<10	180	0.9	<2	3.34	0.5	6	6	9	2.21
L835267		1.35	<0.005	<0.2	0.03	2	<10	20	<0.5	<2	19.1	<0.5	3	<1	9	0.44
L835268		1.84	<0.005	<0.2	1.00	7	<10	930	0.7	<2	2.11	<0.5	2	3	<1	1.08
L835269		2.56	<0.005	<0.2	0.99	5	<10	720	0.7	<2	2.02	<0.5	2	3	<1	1.03
L835270		1.95	<0.005	<0.2	0.87	3	<10	370	1.3	<2	2.25	<0.5	5	5	1	1.73
L835271		2.79	<0.005	<0.2	0.91	4	<10	420	1.5	<2	3.63	<0.5	5	6	<1	1.86
L835272		2.18	<0.005	<0.2	0.83	2	<10	320	1.6	<2	2.93	<0.5	4	6	<1	1.85
L835273		2.80	<0.005	<0.2	0.96	4	<10	600	1.5	<2	2.54	<0.5	5	6	1	1.87

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11181310

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835238		10	<1	0.19	20	0.71	597	<1	0.06	5	680	7	0.02	<2	6	41
L835239		10	<1	0.21	20	0.75	648	<1	0.04	4	730	8	0.02	2	7	50
L835240		10	<1	0.16	20	0.94	758	<1	0.04	3	690	8	0.03	2	8	109
L835241		10	<1	0.18	20	1.00	770	<1	0.05	3	700	8	0.06	<2	8	145
L835242		10	<1	0.17	20	0.95	770	<1	0.05	2	650	8	0.03	<2	9	166
L835243		10	<1	0.22	20	0.99	644	<1	0.05	3	680	6	0.05	2	9	147
L835244		10	<1	0.21	20	1.04	788	<1	0.06	2	670	6	0.07	<2	10	184
L835245		10	1	0.31	20	1.12	734	<1	0.06	3	680	8	0.11	<2	9	196
L835246		10	<1	0.34	20	1.06	652	<1	0.08	3	720	5	0.12	<2	11	169
L835247		10	<1	0.31	20	0.98	631	<1	0.04	3	670	6	0.09	2	9	176
L835248		10	<1	0.19	20	1.05	758	<1	0.04	2	650	9	0.07	<2	7	179
L835249		10	<1	0.20	20	1.01	669	<1	0.05	2	660	8	0.08	<2	7	146
L835250		10	<1	0.16	20	1.15	682	<1	0.05	2	670	6	0.06	<2	9	151
L835251		10	1	0.21	20	1.00	816	<1	0.04	2	680	11	0.08	2	8	274
L835252		10	1	0.16	20	1.06	648	<1	0.05	2	700	6	0.10	2	9	174
L835253		10	<1	0.13	20	1.31	949	<1	0.05	2	720	7	0.10	2	9	251
L835254		10	1	0.19	20	1.27	749	<1	0.06	3	690	5	0.03	<2	9	194
L835255		10	<1	0.17	20	1.18	751	<1	0.06	1	670	5	0.03	<2	9	186
L835256		10	<1	0.19	20	0.77	807	<1	0.04	1	680	8	0.04	<2	8	273
L835257		10	<1	0.17	20	1.00	721	<1	0.04	1	700	8	0.04	4	8	195
L835258		10	<1	0.24	20	0.88	848	<1	0.04	1	640	9	0.05	2	5	263
L835259		10	1	0.23	10	1.14	634	46	0.34	316	670	8450	7.17	29	4	79
L835260		10	<1	0.22	30	1.15	737	<1	0.04	1	680	13	0.05	<2	6	166
L835261		10	<1	0.22	20	1.04	815	1	0.05	2	710	8	0.04	2	7	176
L835262		<10	<1	0.30	20	0.69	874	<1	0.03	4	650	18	0.10	3	4	226
L835263		<10	<1	0.29	20	0.93	852	<1	0.04	2	640	10	0.05	2	4	183
L835264		<10	<1	0.28	20	0.81	680	1	0.04	2	660	7	0.03	<2	5	135
L835265		10	<1	0.25	20	0.87	642	1	0.04	3	690	10	0.02	<2	6	113
L835266		<10	<1	0.27	20	0.63	584	<1	0.04	1	470	25	0.03	4	4	279
L835267		<10	<1	0.02	<10	12.15	207	<1	0.02	<1	170	2	0.03	<2	<1	48
L835268		<10	<1	0.33	10	0.64	334	<1	0.04	<1	140	18	0.04	<2	2	283
L835269		<10	<1	0.31	10	0.49	284	<1	0.04	<1	120	14	0.03	<2	2	254
L835270		<10	<1	0.35	10	0.52	511	<1	0.04	1	330	11	0.03	<2	4	218
L835271		<10	<1	0.36	10	0.74	693	<1	0.05	<1	310	11	0.03	2	4	465
L835272		<10	<1	0.36	10	0.64	717	<1	0.05	1	290	12	0.02	3	4	355
L835273		<10	<1	0.42	10	0.48	673	<1	0.05	1	340	14	0.03	<2	4	264

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 12

CERTIFICATE OF ANALYSIS WH11181310

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
L835238		<20	0.05	<10	<10	58	<10	52	<1
L835239		<20	0.02	<10	<10	62	<10	60	1
L835240		<20	0.01	<10	<10	69	<10	60	<1
L835241		<20	0.02	<10	<10	72	<10	62	<1
L835242		<20	0.02	<10	<10	71	<10	54	<1
L835243		<20	0.04	<10	<10	80	<10	54	<1
L835244		<20	0.04	<10	<10	79	<10	52	<1
L835245		<20	0.07	<10	<10	81	<10	53	<1
L835246		<20	0.09	<10	<10	90	<10	55	<1
L835247		<20	0.06	<10	<10	69	<10	48	<1
L835248		<20	0.01	<10	<10	64	<10	52	<1
L835249		<20	0.02	<10	<10	64	<10	52	<1
L835250		<20	0.02	<10	<10	75	<10	57	<1
L835251		<20	0.01	<10	<10	58	<10	50	<1
L835252		<20	0.02	<10	<10	74	<10	52	<1
L835253		<20	0.01	<10	<10	80	<10	55	<1
L835254		<20	0.03	<10	<10	82	<10	54	<1
L835255		<20	0.02	<10	<10	75	<10	55	<1
L835256		<20	0.01	<10	<10	59	<10	50	<1
L835257		<20	0.01	<10	<10	66	<10	64	<1
L835258		<20	0.01	<10	<10	48	<10	49	<1
L835259		<20	0.06	<10	<10	318	10	7510	30
L835260		<20	<0.01	<10	<10	59	<10	70	<1
L835261		<20	<0.01	<10	<10	56	<10	62	1
L835262		<20	<0.01	<10	<10	24	<10	87	1
L835263		<20	<0.01	<10	<10	35	<10	54	<1
L835264		<20	<0.01	<10	<10	38	<10	53	<1
L835265		<20	<0.01	<10	<10	45	<10	61	<1
L835266		<20	0.02	<10	<10	25	<10	68	<1
L835267		<20	<0.01	<10	<10	1	<10	12	1
L835268		<20	0.07	<10	<10	10	<10	45	<1
L835269		<20	0.06	<10	<10	9	<10	43	1
L835270		<20	0.03	<10	<10	21	<10	51	<1
L835271		<20	0.02	<10	<10	27	<10	55	1
L835272		<20	0.03	<10	<10	29	<10	53	<1
L835273		<20	0.03	<10	<10	28	<10	52	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11181311

Project: Klaza PDH- 11- 11

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 11

CERTIFICATE OF ANALYSIS WH11181311

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835152		0.61	<0.005	<0.2	1.25	12	<10	190	<0.5	4	0.55	<0.5	7	24	18	2.34
L835153		1.21	0.005	0.2	1.41	19	<10	180	<0.5	3	0.66	<0.5	8	25	17	2.46
L835154		1.53	0.005	0.2	1.53	18	<10	230	<0.5	4	0.66	<0.5	9	29	27	2.89
L835155		1.05	<0.005	0.2	1.70	16	<10	360	<0.5	4	0.69	<0.5	10	33	30	3.17
L835156		1.27	<0.005	<0.2	2.00	21	<10	420	<0.5	3	0.68	<0.5	12	30	39	3.84
L835157		0.17	1.635	33.7	4.68	145	<10	60	<0.5	12	4.62	32.1	82	56	6830	8.20
L835158		1.79	0.005	0.3	1.91	24	<10	350	<0.5	4	0.66	<0.5	11	32	60	3.63
L835159		1.33	<0.005	0.4	1.75	16	<10	500	<0.5	3	0.62	<0.5	10	34	37	3.52
L835160		1.15	<0.005	0.3	1.76	16	<10	650	<0.5	3	0.62	<0.5	11	26	39	3.64
L835161		1.06	<0.005	0.2	1.76	12	<10	510	<0.5	4	0.64	<0.5	11	31	37	3.62
L835162		1.05	<0.005	<0.2	1.59	14	<10	760	<0.5	3	0.67	<0.5	10	17	23	3.80
L835163		1.44	0.006	0.3	1.48	14	<10	680	<0.5	2	0.62	<0.5	8	12	91	3.21
L835164		1.09	0.011	0.3	1.60	25	<10	520	<0.5	3	0.56	0.5	9	15	54	3.51
L835165		1.13	0.007	0.3	1.67	15	<10	580	<0.5	2	0.56	0.5	10	13	75	3.53
L835166		1.45	0.005	0.3	1.70	16	<10	720	<0.5	3	0.61	<0.5	10	14	72	3.72
L835167		1.29	<0.005	0.2	1.57	12	<10	660	<0.5	3	0.62	0.5	9	12	50	3.38
L835168		1.05	<0.005	0.3	1.40	13	<10	530	<0.5	2	0.61	0.8	8	10	58	3.05
L835169		1.32	0.006	0.2	1.62	17	<10	570	<0.5	2	0.73	0.6	8	11	52	3.24
L835170		1.27	0.005	0.3	1.43	12	<10	570	<0.5	2	0.54	0.5	8	10	50	3.05
L835171		1.10	0.006	<0.2	1.47	15	<10	590	<0.5	<2	0.59	0.5	8	10	33	3.05
L835172		1.42	0.005	0.3	1.41	18	<10	530	<0.5	<2	0.55	0.5	8	10	51	3.04
L835173		1.05	0.012	0.4	1.39	65	<10	510	<0.5	<2	0.96	1.7	8	9	33	3.04
L835174		1.24	0.009	<0.2	1.65	40	<10	540	0.6	<2	1.01	1.3	9	8	23	3.31
L835175		1.67	0.015	0.3	1.67	86	<10	530	0.7	2	0.49	1.6	10	10	30	3.40
L835176		1.43	<0.005	<0.2	1.71	8	<10	510	0.5	<2	2.14	<0.5	9	8	15	3.34
L835177		1.37	<0.005	<0.2	1.73	3	<10	510	0.5	2	2.35	<0.5	8	9	16	3.28
L835178		1.18	<0.005	<0.2	1.75	16	<10	1630	0.7	2	2.12	<0.5	9	8	27	3.34
L835179		1.60	<0.005	<0.2	1.63	10	<10	430	0.6	<2	2.81	<0.5	9	8	27	3.34
L835180		1.51	<0.005	<0.2	1.78	3	<10	600	0.5	<2	3.32	<0.5	9	10	13	3.61
L835181		1.32	0.007	1.1	1.77	5	<10	550	0.7	<2	2.73	0.7	9	10	14	3.49
L835182		1.34	<0.005	<0.2	0.08	<2	<10	20	<0.5	<2	19.5	<0.5	<1	1	3	0.47
L835183		1.40	<0.005	<0.2	1.63	4	<10	360	1.0	<2	2.70	<0.5	8	20	7	3.07
L835184		1.40	0.022	<0.2	1.58	7	<10	490	0.8	2	3.08	<0.5	9	8	6	3.17
L835185		1.40	<0.005	<0.2	1.82	11	<10	700	0.8	<2	2.23	<0.5	10	9	8	3.55
L835186		1.45	<0.005	<0.2	1.89	8	<10	520	0.9	<2	2.66	<0.5	10	9	9	3.87
L835187		1.00	<0.005	1.8	1.51	11	<10	1220	1.5	2	2.48	1.0	9	13	28	2.89

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 11

CERTIFICATE OF ANALYSIS WH11181311

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835152		<10	<1	0.20	20	0.51	358	<1	0.10	8	480	14	<0.01	<2	4	34
L835153		<10	<1	0.28	20	0.57	353	<1	0.11	7	510	14	<0.01	2	4	40
L835154		10	<1	0.32	20	0.71	459	<1	0.11	8	530	16	0.01	2	5	37
L835155		10	<1	0.35	10	0.94	627	<1	0.13	10	660	13	0.02	2	7	51
L835156		10	<1	0.43	10	1.20	831	<1	0.13	9	720	23	0.01	<2	8	48
L835157		10	1	0.23	10	1.13	603	47	0.33	317	670	8370	7.17	30	4	75
L835158		10	<1	0.36	10	1.07	723	<1	0.13	11	690	58	0.01	<2	8	47
L835159		10	<1	0.41	10	1.13	751	<1	0.14	9	690	63	0.01	2	7	45
L835160		10	<1	0.43	10	1.05	807	<1	0.14	5	770	41	0.01	<2	8	43
L835161		10	<1	0.47	10	1.12	813	<1	0.13	9	780	34	0.01	2	8	45
L835162		10	<1	0.53	10	1.08	768	<1	0.13	2	770	15	<0.01	<2	8	39
L835163		10	<1	0.42	20	0.90	713	1	0.14	<1	620	17	0.01	2	7	44
L835164		10	<1	0.40	20	1.00	848	1	0.12	1	670	33	0.01	3	8	44
L835165		10	<1	0.44	10	0.99	779	1	0.14	1	680	17	0.01	2	8	47
L835166		10	<1	0.45	20	1.04	866	1	0.13	1	730	22	0.01	<2	8	49
L835167		10	<1	0.41	20	0.92	726	<1	0.14	<1	690	15	0.01	2	7	50
L835168		10	<1	0.33	20	0.83	1090	1	0.11	1	660	16	<0.01	2	6	43
L835169		10	<1	0.38	20	0.88	884	1	0.15	<1	660	15	0.02	2	7	58
L835170		10	<1	0.37	10	0.84	708	<1	0.14	<1	610	12	0.01	<2	6	44
L835171		10	<1	0.34	20	0.82	837	1	0.14	<1	670	17	0.01	2	6	49
L835172		10	<1	0.32	20	0.82	953	1	0.12	<1	640	22	<0.01	<2	7	44
L835173		10	<1	0.32	20	0.75	1285	1	0.10	<1	630	111	<0.01	3	7	43
L835174		10	<1	0.32	20	0.68	1155	1	0.05	<1	670	62	<0.01	4	9	67
L835175		10	<1	0.33	20	0.66	892	1	0.05	1	690	119	0.01	5	9	50
L835176		10	<1	0.34	20	1.10	835	<1	0.07	<1	670	40	<0.01	2	9	144
L835177		10	<1	0.37	20	1.10	877	<1	0.08	<1	650	11	0.02	3	9	163
L835178		10	<1	0.38	20	0.96	947	<1	0.07	<1	670	21	0.07	4	9	163
L835179		10	<1	0.36	20	1.03	1685	<1	0.05	<1	710	14	0.04	6	10	189
L835180		10	1	0.37	20	1.20	1150	<1	0.08	<1	690	8	<0.01	3	10	268
L835181		10	<1	0.37	20	1.05	1255	<1	0.06	<1	680	60	0.02	5	9	230
L835182		<10	<1	0.05	<10	12.45	200	<1	0.02	1	220	<2	0.01	<2	1	46
L835183		10	1	0.33	20	1.05	883	23	0.04	8	970	10	0.01	3	9	203
L835184		10	<1	0.39	20	0.95	1175	<1	0.06	<1	670	37	0.04	<2	9	243
L835185		10	<1	0.48	30	1.02	936	<1	0.07	<1	740	11	0.05	2	11	202
L835186		10	<1	0.33	20	1.07	1155	<1	0.06	<1	710	11	0.03	2	10	229
L835187		10	<1	0.43	20	1.01	955	1	0.05	12	880	43	0.06	11	7	204

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VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 11

CERTIFICATE OF ANALYSIS WH11181311

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
L835152		<20	0.11	<10	<10	59	<10	46	<1
L835153		<20	0.13	<10	<10	65	<10	49	<1
L835154		<20	0.16	<10	<10	78	<10	59	<1
L835155		<20	0.15	<10	<10	84	<10	58	<1
L835156		<20	0.18	<10	<10	103	<10	76	<1
L835157		<20	0.05	<10	<10	307	<10	7830	31
L835158		<20	0.16	<10	<10	94	<10	98	<1
L835159		<20	0.19	<10	<10	93	<10	65	1
L835160		<20	0.21	<10	<10	98	<10	64	<1
L835161		<20	0.19	<10	<10	97	<10	64	<1
L835162		<20	0.22	<10	<10	100	<10	66	<1
L835163		<20	0.18	<10	<10	84	<10	58	1
L835164		<20	0.16	<10	<10	90	<10	86	<1
L835165		<20	0.18	<10	<10	92	<10	77	<1
L835166		<20	0.19	<10	<10	97	<10	81	1
L835167		<20	0.19	<10	<10	89	<10	75	<1
L835168		<20	0.16	<10	<10	76	<10	90	1
L835169		<20	0.17	<10	<10	83	<10	83	<1
L835170		<20	0.17	<10	<10	80	<10	71	<1
L835171		<20	0.17	<10	<10	78	<10	80	<1
L835172		<20	0.17	<10	<10	77	<10	84	<1
L835173		<20	0.13	<10	<10	71	<10	147	1
L835174		<20	0.07	<10	<10	70	<10	169	<1
L835175		<20	0.07	<10	<10	72	<10	221	1
L835176		<20	0.08	<10	<10	78	<10	67	1
L835177		<20	0.09	<10	<10	78	<10	54	<1
L835178		<20	0.08	<10	<10	70	<10	65	<1
L835179		<20	0.05	<10	<10	69	<10	58	<1
L835180		<20	0.09	<10	<10	87	<10	49	<1
L835181		<20	0.07	<10	<10	77	<10	131	1
L835182		<20	0.01	<10	10	2	<10	16	<1
L835183		<20	0.05	<10	<10	62	<10	59	<1
L835184		<20	0.07	<10	<10	63	<10	81	<1
L835185		<20	0.12	<10	<10	75	<10	64	<1
L835186		<20	0.06	<10	<10	72	<10	72	<1
L835187		<20	0.03	<10	<10	49	<10	145	1

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 1- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11181312

Project: Klaza PDH- 11- 11

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 1- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 11

CERTIFICATE OF ANALYSIS WH11181312

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L835188		1.47	<0.005	0.2	1.53	14	<10	530	1.4	<2	3.78	<0.5	11	82	32	2.92
L835189		1.32	<0.005	0.2	1.60	14	<10	730	1.5	<2	3.77	<0.5	11	74	54	2.88
L835190		1.47	<0.005	<0.2	1.88	12	<10	700	1.8	<2	3.06	<0.5	13	74	37	3.21
L835191		1.50	<0.005	0.2	1.76	12	<10	590	1.8	<2	2.60	<0.5	12	88	37	2.99
L835192		1.61	<0.005	0.2	1.76	10	<10	800	1.6	<2	2.94	<0.5	12	96	40	2.94
L835193		1.27	<0.005	0.2	1.68	8	<10	1040	1.5	<2	3.66	<0.5	11	100	43	2.99
L835194		1.60	<0.005	0.6	1.74	14	<10	590	1.8	<2	4.09	<0.5	11	75	35	2.89
L835195		1.33	<0.005	0.3	1.72	16	<10	590	1.8	<2	3.67	<0.5	12	72	35	2.92
L835196		1.59	<0.005	0.5	1.69	18	<10	430	1.5	<2	3.51	<0.5	10	50	44	2.89
L835197		1.39	<0.005	0.5	1.67	5	<10	570	0.6	2	2.51	<0.5	9	10	32	3.13
L835198		1.39	<0.005	<0.2	1.75	2	<10	420	0.6	<2	2.87	<0.5	8	11	10	3.15
L835199		1.24	<0.005	0.4	2.00	9	<10	580	1.2	<2	2.74	0.6	12	59	24	3.01
L835200		1.31	<0.005	0.3	1.86	10	<10	490	1.2	<2	3.48	0.6	11	60	25	2.90
L835201		1.56	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.1	<0.5	2	1	<1	0.46
L835202		1.37	<0.005	<0.2	1.81	2	<10	700	0.6	<2	2.64	<0.5	10	11	10	3.00
L835203		1.61	<0.005	<0.2	1.78	5	<10	140	0.5	<2	2.38	<0.5	11	11	5	3.17
L835204		1.66	<0.005	<0.2	1.70	5	<10	350	0.5	<2	2.30	<0.5	10	9	16	2.91
L835205		1.59	<0.005	<0.2	1.66	7	<10	90	<0.5	<2	2.29	<0.5	11	10	4	3.19
L835206		1.54	<0.005	<0.2	0.92	10	<10	140	0.8	<2	3.33	<0.5	10	7	10	2.81
L835207		1.76	<0.005	0.2	0.63	8	<10	330	0.9	<2	2.97	<0.5	7	6	12	2.36
L835208		1.34	<0.005	<0.2	0.97	4	<10	930	0.6	<2	1.75	<0.5	3	3	1	1.19
L835209		1.12	<0.005	<0.2	1.00	5	<10	1140	0.5	<2	1.58	<0.5	3	4	1	1.11
L835210		1.04	<0.005	<0.2	1.08	4	<10	1170	0.6	<2	2.03	<0.5	2	4	1	1.14
L835211		1.17	<0.005	<0.2	0.92	4	<10	1530	0.5	<2	1.50	<0.5	3	4	1	1.03
L835212		1.17	<0.005	<0.2	0.80	6	<10	300	0.9	<2	2.91	<0.5	8	6	17	2.61
L835213		1.33	<0.005	<0.2	0.77	5	<10	1800	0.8	<2	3.73	<0.5	10	7	14	3.04
L835214		1.11	<0.005	0.4	0.53	4	<10	250	0.8	<2	2.73	<0.5	6	5	7	1.77
L835215		1.38	<0.005	0.2	0.57	6	<10	1420	0.7	<2	2.27	<0.5	8	8	59	2.37
L835216		1.51	<0.005	<0.2	0.90	8	<10	480	0.8	<2	2.33	<0.5	6	15	9	2.01
L835217		1.57	<0.005	<0.2	0.98	9	<10	1670	0.7	<2	3.14	<0.5	7	12	2	2.05
L835218		0.13	1.360	32.9	5.04	152	<10	40	<0.5	5	4.55	32.7	87	56	7180	8.21
L835219		1.59	<0.005	<0.2	0.92	9	<10	3850	0.7	<2	3.44	<0.5	7	12	19	2.11
L835220		1.56	<0.005	<0.2	1.01	8	<10	1020	0.8	<2	3.26	<0.5	6	11	3	2.15
L835221		1.61	0.005	<0.2	0.87	8	<10	260	0.7	<2	3.60	<0.5	6	16	2	2.01
L835222		1.57	0.008	<0.2	1.00	10	<10	160	0.9	<2	3.41	<0.5	7	16	10	2.00
L835223		1.41	<0.005	0.2	0.89	8	<10	1140	0.9	2	3.73	<0.5	7	14	11	2.07

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VANCOUVER BC V6B 1L8

Finalized Date: 1- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 11

CERTIFICATE OF ANALYSIS WH11181312

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835188		10	<1	0.62	10	1.81	993	2	0.08	37	2490	14	0.02	9	8	319
L835189		10	<1	0.63	10	1.79	867	1	0.07	38	2410	12	0.02	11	7	324
L835190		10	<1	0.59	10	1.95	632	2	0.05	40	2480	11	0.02	4	7	294
L835191		10	<1	0.60	10	1.85	570	2	0.07	42	2480	9	0.02	8	7	271
L835192		10	<1	0.64	20	1.81	669	2	0.07	40	2530	9	0.02	8	7	297
L835193		10	<1	0.67	20	1.89	812	3	0.08	44	2570	8	0.04	3	7	342
L835194		10	<1	0.56	10	1.84	990	2	0.06	39	2520	30	0.03	9	7	369
L835195		10	<1	0.59	10	1.84	966	1	0.05	39	2540	13	0.02	11	7	328
L835196		10	<1	0.49	20	1.52	1145	1	0.05	29	1940	31	0.04	9	6	316
L835197		10	<1	0.23	20	1.05	1010	1	0.04	3	660	18	0.03	2	7	202
L835198		10	<1	0.28	20	1.16	930	1	0.06	3	640	10	0.01	<2	8	262
L835199		10	<1	0.44	30	1.49	690	1	0.04	30	1740	46	0.05	6	7	246
L835200		10	1	0.47	30	1.33	713	1	0.05	29	1760	40	0.05	4	6	249
L835201		<10	<1	0.01	10	12.25	213	<1	0.01	4	170	2	0.03	<2	<1	48
L835202		10	<1	0.26	20	0.98	687	2	0.05	5	660	12	0.01	<2	7	243
L835203		10	1	0.17	20	0.99	696	1	0.04	4	660	11	<0.01	<2	8	163
L835204		10	1	0.21	20	0.94	666	<1	0.04	3	640	14	<0.01	2	7	138
L835205		10	1	0.15	20	0.87	630	1	0.08	4	620	7	<0.01	<2	8	167
L835206		<10	<1	0.23	20	1.03	742	<1	0.03	4	570	18	0.02	2	8	273
L835207		<10	1	0.28	10	0.96	650	<1	0.03	3	470	21	0.02	<2	7	418
L835208		<10	1	0.12	10	0.55	373	<1	0.01	1	90	12	0.04	<2	2	169
L835209		<10	<1	0.12	10	0.39	362	<1	0.01	1	60	14	0.04	<2	2	147
L835210		<10	<1	0.11	10	0.43	368	<1	0.01	1	50	14	0.04	<2	2	167
L835211		<10	<1	0.10	10	0.39	318	<1	0.01	2	70	12	0.05	<2	2	143
L835212		<10	<1	0.21	10	0.73	667	<1	0.02	3	530	21	0.01	<2	7	253
L835213		<10	<1	0.23	10	1.21	837	<1	0.04	4	530	19	0.05	<2	8	355
L835214		<10	<1	0.30	10	0.97	592	<1	0.02	3	300	43	0.01	3	3	286
L835215		<10	<1	0.26	10	0.77	690	1	0.04	2	500	25	0.04	<2	5	255
L835216		<10	<1	0.23	10	0.79	617	1	0.01	10	520	22	0.01	2	5	174
L835217		<10	1	0.15	10	0.99	738	1	0.01	9	640	30	0.04	2	5	257
L835218		10	2	0.24	10	1.13	609	45	0.34	328	680	8550	7.47	25	4	79
L835219		<10	<1	0.12	10	1.09	787	1	0.03	9	610	41	0.11	2	5	295
L835220		<10	<1	0.15	10	1.01	852	1	0.01	7	700	28	0.03	<2	5	259
L835221		<10	<1	0.13	10	1.18	720	1	0.01	10	470	25	0.01	2	5	263
L835222		<10	<1	0.24	10	1.22	653	<1	0.01	10	440	19	<0.01	5	6	256
L835223		<10	1	0.24	10	1.28	673	1	0.02	10	410	25	0.03	<2	5	336

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VANCOUVER BC V6B 1L8

Finalized Date: 1- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 11

CERTIFICATE OF ANALYSIS WH11181312

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835188		<20	0.16	<10	<10	75	<10	74	<1
L835189		<20	0.15	<10	<10	74	<10	81	<1
L835190		<20	0.14	<10	<10	75	<10	87	<1
L835191		<20	0.16	<10	<10	71	<10	78	<1
L835192		<20	0.17	<10	<10	74	<10	76	<1
L835193		<20	0.19	<10	<10	76	<10	78	<1
L835194		<20	0.13	<10	<10	72	<10	91	<1
L835195		<20	0.13	<10	<10	72	<10	81	<1
L835196		<20	0.09	<10	<10	59	<10	102	<1
L835197		<20	0.02	<10	<10	60	<10	75	<1
L835198		<20	0.05	<10	<10	76	<10	55	<1
L835199		<20	0.11	<10	<10	71	<10	118	<1
L835200		<20	0.10	<10	<10	61	<10	114	1
L835201		<20	<0.01	<10	<10	<1	<10	14	<1
L835202		<20	0.03	<10	<10	65	<10	51	1
L835203		<20	0.01	<10	<10	60	<10	71	<1
L835204		<20	<0.01	<10	<10	47	<10	73	<1
L835205		<20	0.01	<10	<10	64	<10	64	<1
L835206		<20	<0.01	<10	<10	54	<10	62	<1
L835207		<20	<0.01	<10	<10	40	<10	53	1
L835208		<20	0.01	<10	<10	9	<10	51	<1
L835209		<20	0.01	<10	<10	9	<10	53	<1
L835210		<20	0.01	<10	<10	9	<10	59	<1
L835211		<20	0.01	<10	<10	9	<10	44	<1
L835212		<20	<0.01	<10	<10	43	<10	56	<1
L835213		<20	<0.01	<10	<10	50	<10	63	<1
L835214		<20	<0.01	<10	<10	31	<10	39	1
L835215		<20	<0.01	<10	<10	33	<10	64	1
L835216		<20	0.01	<10	<10	38	<10	55	<1
L835217		<20	0.01	<10	<10	40	<10	78	<1
L835218		<20	0.05	<10	10	313	20	7910	33
L835219		<20	0.01	<10	<10	40	<10	96	1
L835220		<20	0.01	<10	<10	39	<10	72	<1
L835221		<20	0.01	<10	<10	40	<10	65	<1
L835222		<20	0.01	<10	<10	41	<10	55	<1
L835223		<20	<0.01	<10	<10	39	<10	66	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 29- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11181313

Project: Klaza PDH - 11 - 11

P.O. No.: Batch 3

This report is for 14 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- OCT- 2011
Account: ROCKHA

Project: Klaza PDH - 11 - 11

CERTIFICATE OF ANALYSIS WH11181313

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L835224		1.61	<0.005	<0.2	0.60	4	<10	1290	0.8	<2	3.39	<0.5	7	9	13	2.85
L835225		1.55	<0.005	<0.2	0.68	4	<10	1230	0.7	<2	3.05	<0.5	8	11	15	2.96
L835226		1.45	<0.005	<0.2	0.77	11	10	290	0.9	<2	2.33	<0.5	8	10	33	3.15
L835227		1.59	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	19.9	<0.5	1	1	4	0.41
L835228		1.51	<0.005	0.2	0.75	8	<10	120	0.8	2	3.23	<0.5	10	9	47	3.43
L835229		1.86	<0.005	<0.2	1.07	3	<10	100	0.8	<2	2.56	<0.5	9	12	18	3.18
L835230		1.53	<0.005	<0.2	0.76	4	10	130	0.8	2	2.59	<0.5	8	10	12	3.27
L835231		1.93	<0.005	<0.2	0.81	5	<10	460	0.9	<2	2.74	<0.5	8	11	9	3.17
L835232		1.60	<0.005	<0.2	0.70	6	<10	1000	0.8	<2	2.58	<0.5	9	10	10	3.03
L835233		1.58	<0.005	0.3	0.84	3	<10	1260	0.8	<2	2.77	<0.5	9	10	20	3.17
L835234		1.13	<0.005	<0.2	1.38	8	<10	90	0.7	<2	2.21	<0.5	10	11	4	3.37
L835235		2.10	<0.005	<0.2	1.61	7	<10	530	<0.5	2	1.77	<0.5	9	18	6	3.29
L835236		1.91	<0.005	<0.2	1.68	2	<10	580	<0.5	<2	1.60	<0.5	8	19	6	3.31
L835237		2.13	<0.005	<0.2	1.47	8	<10	870	0.5	<2	2.44	<0.5	9	17	5	3.27

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Finalized Date: 29- OCT- 2011
Account: ROCKHA

Project: Klaza PDH - 11 - 11

CERTIFICATE OF ANALYSIS WH11181313

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835224		<10	<1	0.27	10	1.25	832	1	0.03	11	560	25	0.04	3	6	367
L835225		<10	<1	0.27	10	1.06	890	1	0.03	6	650	20	0.04	4	8	298
L835226		<10	<1	0.22	10	0.83	754	1	0.02	5	710	17	0.02	5	13	174
L835227		<10	<1	0.02	<10	12.25	192	1	0.01	4	280	4	0.03	<2	<1	54
L835228		<10	<1	0.20	10	1.06	872	1	0.02	4	660	21	0.01	4	12	240
L835229		<10	<1	0.20	20	0.98	639	2	0.05	4	650	12	0.01	3	10	206
L835230		<10	<1	0.21	10	0.96	784	2	0.02	4	700	13	0.01	2	12	168
L835231		<10	<1	0.23	10	0.89	732	4	0.03	5	680	17	0.01	4	12	194
L835232		<10	1	0.19	20	0.65	719	6	0.04	4	630	10	0.03	3	9	192
L835233		<10	<1	0.19	10	0.87	742	2	0.03	4	640	15	0.04	2	10	190
L835234		10	<1	0.16	20	0.89	646	1	0.04	4	650	7	<0.01	3	9	123
L835235		10	<1	0.34	20	0.81	589	2	0.14	5	660	6	0.02	3	9	103
L835236		10	1	0.35	20	0.87	602	2	0.16	5	660	3	0.01	2	8	106
L835237		<10	1	0.33	20	0.91	755	2	0.10	5	650	5	0.05	2	10	117

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Finalized Date: 29- OCT- 2011
Account: ROCKHA

Project: Klaza PDH - 11 - 11

CERTIFICATE OF ANALYSIS WH11181313

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835224		<20	<0.01	<10	<10	47	<10	72	<1
L835225		<20	<0.01	<10	<10	51	<10	80	<1
L835226		<20	<0.01	<10	<10	64	<10	56	<1
L835227		<20	<0.01	<10	10	2	<10	15	<1
L835228		<20	<0.01	<10	<10	73	<10	63	<1
L835229		<20	0.01	<10	<10	63	<10	57	<1
L835230		<20	<0.01	<10	<10	70	<10	55	<1
L835231		<20	0.01	<10	<10	66	<10	57	<1
L835232		<20	<0.01	<10	<10	53	<10	51	<1
L835233		<20	<0.01	<10	<10	62	<10	60	<1
L835234		<20	<0.01	<10	<10	61	<10	54	<1
L835235		<20	0.09	<10	<10	79	<10	52	1
L835236		<20	0.11	<10	<10	83	<10	50	<1
L835237		<20	0.08	<10	<10	74	<10	53	1

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Finalized Date: 21- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11181497

Project: Klaza PDH- 11- 13

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181497

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835340		2.94	0.012	0.3	1.38	12	<10	220	<0.5	<2	0.59	<0.5	7	25	33	2.55
L835341		0.40	<0.005	0.3	1.44	9	<10	230	<0.5	<2	0.67	<0.5	7	25	36	2.47
L835342		0.88	<0.005	0.3	1.28	10	<10	190	<0.5	<2	0.57	<0.5	7	23	36	2.38
L835343		1.67	<0.005	0.3	1.54	14	<10	340	<0.5	<2	0.60	<0.5	8	21	52	2.89
L835344		0.88	0.013	0.3	1.40	15	<10	300	<0.5	<2	0.53	<0.5	7	20	36	2.63
L835345		1.47	<0.005	0.2	1.52	19	<10	270	<0.5	<2	0.55	<0.5	7	20	34	2.90
L835346		0.92	0.005	0.2	1.30	10	<10	220	<0.5	<2	0.53	<0.5	6	17	31	2.48
L835347		1.88	<0.005	0.2	1.46	12	<10	260	<0.5	<2	0.52	<0.5	7	19	28	2.79
L835348		1.07	<0.005	0.4	1.40	14	<10	230	<0.5	<2	0.44	<0.5	6	17	22	2.74
L835349		1.79	<0.005	5.0	1.55	17	<10	380	<0.5	<2	0.46	<0.5	7	19	26	3.18
L835350		1.07	0.005	4.1	1.56	13	<10	360	<0.5	2	0.53	0.7	7	17	21	2.94
L835351		1.33	0.015	4.9	1.25	16	<10	310	<0.5	3	0.49	1.0	6	14	25	2.75
L835352		0.99	<0.005	2.3	1.50	24	<10	270	<0.5	2	0.43	0.8	8	11	52	3.31
L835353		1.51	<0.005	0.6	1.54	10	<10	240	<0.5	<2	0.40	<0.5	9	9	43	3.36
L835354		1.73	<0.005	0.4	1.41	8	<10	250	<0.5	<2	0.66	<0.5	8	10	29	3.17
L835355		1.40	<0.005	0.2	1.50	6	<10	310	<0.5	<2	1.38	<0.5	9	11	13	3.24
L835356		1.84	<0.005	0.2	1.36	5	<10	530	<0.5	<2	1.68	<0.5	8	11	9	2.92
L835357		1.73	<0.005	0.3	1.43	4	<10	490	<0.5	<2	2.30	<0.5	8	11	12	3.12
L835358		1.82	<0.005	0.3	1.42	2	<10	220	<0.5	<2	2.04	<0.5	8	10	20	3.31
L835359		1.84	<0.005	0.3	1.54	3	<10	210	<0.5	<2	2.43	<0.5	8	11	14	3.12
L835360		1.86	<0.005	0.5	1.30	193	<10	120	0.5	<2	2.62	<0.5	8	9	8	2.96
L835361		1.63	<0.005	0.3	1.51	10	<10	250	<0.5	<2	2.39	<0.5	8	10	11	3.07
L835362		1.82	<0.005	0.2	1.56	3	<10	270	<0.5	<2	2.24	<0.5	9	11	13	3.18
L835363		1.78	<0.005	0.2	1.55	4	<10	340	<0.5	<2	3.03	<0.5	8	11	12	3.00
L835364		1.73	<0.005	0.3	1.60	6	<10	280	0.5	<2	2.09	<0.5	9	12	16	3.47
L835365		1.81	<0.005	0.2	0.05	<2	<10	20	<0.5	<2	19.8	<0.5	1	1	2	0.40
L835366		1.84	<0.005	0.2	1.51	<2	<10	280	<0.5	<2	1.91	<0.5	9	13	16	3.26
L835367		1.65	<0.005	0.2	1.50	2	<10	410	<0.5	<2	2.78	<0.5	8	12	11	3.02
L835368		2.08	<0.005	<0.2	1.52	3	<10	410	<0.5	<2	1.90	<0.5	9	13	13	3.31
L835369		1.77	<0.005	0.2	1.41	3	<10	540	0.6	<2	2.56	<0.5	8	8	12	2.98
L835370		2.15	<0.005	0.2	1.47	9	<10	2050	0.6	<2	2.82	<0.5	8	8	7	3.03
L835371		1.75	<0.005	0.2	1.59	4	<10	350	<0.5	<2	2.10	<0.5	8	12	11	3.29
L835372		1.62	<0.005	0.3	1.52	5	<10	290	<0.5	<2	1.96	<0.5	9	14	21	3.16
L835373		1.94	<0.005	0.2	1.57	5	<10	160	<0.5	<2	2.34	<0.5	9	14	31	3.19
L835374		1.92	<0.005	0.3	1.51	3	<10	230	<0.5	<2	1.58	<0.5	8	16	14	3.17
L835375		0.11	1.440	33.1	4.74	150	<10	40	<0.5	5	4.61	32.4	86	55	7020	8.14

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181497

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835340		<10	1	0.20	20	0.49	400	1	0.10	11	580	15	0.01	<2	4	37
L835341		<10	<1	0.27	20	0.55	440	1	0.14	9	520	9	<0.01	<2	4	44
L835342		<10	<1	0.24	10	0.51	846	1	0.11	9	490	12	<0.01	<2	4	35
L835343		10	<1	0.30	20	0.59	640	1	0.12	10	670	10	<0.01	<2	5	39
L835344		10	1	0.26	10	0.50	495	1	0.10	9	610	10	<0.01	<2	4	34
L835345		<10	1	0.26	20	0.53	432	1	0.11	9	690	11	<0.01	<2	5	35
L835346		<10	<1	0.26	10	0.47	425	1	0.12	6	510	8	<0.01	<2	4	37
L835347		<10	1	0.25	20	0.52	413	1	0.11	7	620	11	<0.01	<2	4	40
L835348		<10	<1	0.22	20	0.51	362	1	0.09	7	610	24	<0.01	<2	4	39
L835349		<10	1	0.25	20	0.61	409	1	0.09	8	750	306	<0.01	2	5	44
L835350		10	1	0.27	20	0.60	470	1	0.12	7	660	279	<0.01	3	5	51
L835351		<10	<1	0.22	20	0.57	667	1	0.08	4	630	294	<0.01	4	5	37
L835352		10	1	0.19	20	0.78	608	2	0.07	5	660	108	<0.01	<2	7	43
L835353		10	<1	0.19	20	0.96	595	2	0.07	4	690	22	0.01	<2	7	35
L835354		10	<1	0.16	20	0.92	505	1	0.08	2	660	15	0.01	2	7	46
L835355		10	<1	0.14	20	1.07	632	1	0.09	2	660	17	0.02	<2	8	78
L835356		10	<1	0.14	20	0.95	651	1	0.08	2	620	14	0.02	<2	7	71
L835357		10	<1	0.14	20	1.11	726	1	0.07	2	630	18	0.04	<2	8	74
L835358		10	<1	0.18	20	0.95	689	1	0.07	3	610	13	0.25	<2	7	68
L835359		10	<1	0.19	20	0.97	787	1	0.06	2	650	15	0.03	<2	7	77
L835360		<10	<1	0.23	20	0.66	1005	1	0.05	2	650	14	0.38	4	6	110
L835361		10	<1	0.20	20	0.92	770	1	0.07	2	670	11	0.04	<2	7	94
L835362		10	<1	0.14	20	1.08	786	2	0.06	2	620	9	0.04	<2	7	100
L835363		10	<1	0.18	20	1.00	823	1	0.06	2	620	10	0.04	2	7	102
L835364		10	<1	0.16	20	0.97	690	1	0.08	2	710	9	0.02	3	10	100
L835365		<10	<1	0.02	<10	11.90	182	<1	0.02	<1	240	<2	0.02	<2	<1	48
L835366		10	<1	0.15	20	1.04	583	1	0.10	3	640	5	0.02	2	8	104
L835367		10	<1	0.20	20	0.98	700	1	0.06	3	640	6	0.03	2	6	99
L835368		10	<1	0.18	20	0.89	595	2	0.08	3	650	6	0.02	<2	8	104
L835369		<10	<1	0.21	20	0.64	660	1	0.05	2	680	8	0.06	<2	8	118
L835370		<10	<1	0.20	20	0.78	836	<1	0.04	2	620	10	0.10	2	6	151
L835371		10	<1	0.16	20	0.92	668	1	0.05	3	680	10	0.03	<2	8	101
L835372		10	<1	0.17	20	0.93	643	2	0.08	3	660	12	0.03	2	8	120
L835373		10	<1	0.17	20	1.10	689	2	0.08	3	650	6	0.02	2	7	117
L835374		10	<1	0.16	20	1.16	580	2	0.10	4	650	6	0.02	<2	8	103
L835375		10	1	0.23	<10	1.13	606	48	0.35	309	660	8310	7.23	26	4	75

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181497

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
L835340		<20	0.12	<10	<10	61	<10	59	<1
L835341		<20	0.14	<10	<10	63	<10	52	<1
L835342		<20	0.13	<10	<10	61	<10	49	<1
L835343		<20	0.17	<10	<10	77	<10	52	<1
L835344		<20	0.14	<10	<10	67	<10	50	<1
L835345		<20	0.14	<10	<10	70	<10	51	<1
L835346		<20	0.12	<10	<10	62	<10	43	<1
L835347		<20	0.12	<10	<10	68	<10	47	<1
L835348		<20	0.08	<10	<10	62	<10	53	<1
L835349		<20	0.09	<10	<10	72	<10	85	4
L835350		<20	0.08	<10	<10	73	<10	109	4
L835351		<20	0.07	<10	<10	62	<10	120	4
L835352		<20	0.06	<10	<10	70	<10	102	2
L835353		<20	0.04	<10	<10	66	<10	71	1
L835354		<20	0.08	<10	<10	68	<10	51	<1
L835355		<20	0.07	<10	<10	74	<10	54	<1
L835356		<20	0.07	<10	<10	69	<10	59	<1
L835357		<20	0.03	<10	<10	72	<10	58	<1
L835358		<20	0.04	<10	<10	61	<10	57	<1
L835359		<20	0.01	<10	<10	60	<10	62	<1
L835360		<20	0.01	<10	<10	47	<10	59	<1
L835361		<20	0.01	<10	<10	59	<10	56	<1
L835362		<20	0.01	<10	<10	66	<10	73	<1
L835363		<20	0.01	<10	<10	55	<10	75	<1
L835364		<20	0.02	<10	<10	75	<10	67	<1
L835365		<20	<0.01	<10	<10	<1	<10	13	<1
L835366		<20	0.04	<10	<10	74	<10	47	1
L835367		<20	0.01	<10	<10	57	<10	51	<1
L835368		<20	0.03	<10	<10	72	<10	46	<1
L835369		<20	0.01	<10	<10	51	<10	63	<1
L835370		<20	<0.01	<10	<10	43	<10	64	<1
L835371		<20	0.01	<10	<10	58	<10	67	<1
L835372		<20	0.02	<10	<10	64	<10	73	<1
L835373		<20	0.03	<10	<10	68	<10	57	<1
L835374		<20	0.09	<10	<10	78	<10	47	<1
L835375		<20	0.05	<10	<10	313	<10	7430	31

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
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Finalized Date: 28- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11181498

Project: Klaza PDH- 11- 13

P.O. No.: Batch 2

This report is for 36 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- OCT- 2011
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Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181498

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L835376		1.89	<0.005	<0.2	1.68	6	<10	170	<0.5	<2	2.84	<0.5	10	14	10	3.22
L835377		1.84	<0.005	0.4	1.82	2	<10	120	<0.5	<2	2.74	<0.5	10	12	38	3.27
L835378		1.19	<0.005	0.4	1.75	<2	<10	160	<0.5	<2	2.52	<0.5	11	14	46	3.33
L835379		1.60	<0.005	<0.2	1.72	3	<10	330	<0.5	<2	2.17	<0.5	10	16	18	3.26
L835380		1.67	<0.005	<0.2	1.51	4	<10	450	<0.5	<2	1.48	<0.5	10	16	28	3.06
L835381		1.83	<0.005	0.2	1.75	3	<10	330	<0.5	<2	1.92	<0.5	10	16	28	3.44
L835382		1.94	<0.005	0.2	1.64	<2	<10	250	<0.5	2	1.83	<0.5	10	16	32	3.25
L835383		1.72	<0.005	<0.2	1.69	4	<10	120	0.5	<2	2.09	<0.5	10	12	29	2.97
L835384		1.92	<0.005	<0.2	1.64	<2	<10	110	<0.5	2	2.88	<0.5	10	12	17	3.01
L835385		1.55	<0.005	<0.2	1.71	2	<10	230	<0.5	<2	1.87	<0.5	10	16	12	3.31
L835386		1.59	<0.005	0.2	1.53	3	<10	260	<0.5	<2	1.63	<0.5	10	17	11	3.15
L835387		2.06	<0.005	<0.2	1.44	5	<10	420	<0.5	<2	2.43	<0.5	9	13	18	3.04
L835388		2.00	<0.005	0.3	1.33	10	<10	930	0.5	<2	4.19	<0.5	9	8	13	2.70
L835389		1.94	<0.005	<0.2	1.48	4	<10	210	<0.5	<2	1.80	<0.5	9	18	11	3.11
L835390		1.80	<0.005	<0.2	1.55	2	<10	150	<0.5	<2	1.99	<0.5	9	14	16	3.07
L835391		2.19	<0.005	<0.2	1.47	3	<10	300	<0.5	<2	1.56	<0.5	9	16	12	3.10
L835392		1.85	<0.005	<0.2	1.50	2	<10	370	<0.5	<2	1.43	<0.5	9	15	9	3.06
L835393		0.11	1.580	31.9	4.74	137	<10	40	<0.5	6	4.16	30.8	76	53	7170	7.88
L835394		0.42	<0.005	<0.2	1.59	3	<10	420	<0.5	<2	1.71	<0.5	9	15	34	3.16
L835395		1.91	<0.005	0.2	1.38	6	<10	230	<0.5	<2	1.78	<0.5	11	15	16	2.84
L835396		1.06	<0.005	0.2	1.46	5	<10	340	<0.5	<2	1.72	<0.5	9	9	8	2.95
L835397		1.46	<0.005	<0.2	1.42	3	<10	520	<0.5	<2	1.54	<0.5	9	11	15	3.01
L835398		1.13	<0.005	<0.2	1.49	2	<10	380	<0.5	<2	1.34	<0.5	9	10	11	3.06
L835399		1.05	<0.005	<0.2	0.04	2	<10	10	<0.5	<2	18.0	<0.5	2	<1	1	0.38
L835400		0.74	<0.005	<0.2	1.64	5	<10	250	<0.5	<2	1.99	<0.5	10	13	22	3.27
L835401		1.24	<0.005	0.4	1.44	4	<10	240	<0.5	2	1.98	<0.5	9	14	50	3.14
L835402		1.89	<0.005	0.4	1.55	3	<10	310	0.5	<2	2.77	<0.5	9	10	28	2.93
L835403		1.61	<0.005	0.7	1.61	4	<10	830	0.6	2	2.96	<0.5	9	8	27	2.84
L835404		2.29	<0.005	0.8	1.42	2	<10	690	0.5	2	2.82	<0.5	8	11	33	2.84
L835405		1.59	<0.005	<0.2	1.67	3	<10	430	0.5	<2	2.37	<0.5	10	13	11	3.31
L835406		2.02	<0.005	0.6	1.51	<2	<10	860	0.5	<2	2.36	<0.5	9	12	16	3.04
L835407		1.91	<0.005	2.9	1.48	6	<10	600	0.7	8	2.66	<0.5	9	11	47	2.97
L835408		1.39	<0.005	2.4	1.49	8	<10	390	0.6	5	3.01	<0.5	9	11	59	2.94
L835409		2.31	<0.005	0.3	1.48	8	<10	610	1.2	<2	3.08	0.6	10	52	30	2.65
L835410		1.51	<0.005	0.2	1.63	7	<10	550	1.6	<2	3.41	<0.5	11	72	32	2.89
L835411		2.35	<0.005	0.3	1.70	3	<10	620	0.5	<2	2.96	<0.5	10	17	26	3.37

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CERTIFICATE OF ANALYSIS WH11181498

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835376		10	1	0.22	20	1.09	732	2	0.06	5	630	6	0.02	<2	7	122
L835377		10	1	0.26	20	1.13	752	1	0.05	4	640	15	0.09	<2	5	112
L835378		10	1	0.21	20	1.15	753	6	0.05	5	700	14	0.03	<2	7	121
L835379		10	<1	0.20	20	1.10	662	3	0.11	5	640	7	<0.01	<2	8	141
L835380		<10	<1	0.18	20	0.95	512	13	0.09	5	640	10	0.05	<2	6	105
L835381		10	1	0.20	20	1.09	618	17	0.12	5	650	7	0.09	<2	8	126
L835382		10	1	0.20	20	1.04	609	27	0.08	6	640	5	0.09	<2	7	98
L835383		10	<1	0.30	20	0.87	647	24	0.04	5	670	14	0.15	4	6	116
L835384		10	<1	0.29	20	0.94	678	23	0.03	4	660	10	0.08	<2	5	108
L835385		10	<1	0.21	20	1.03	623	5	0.10	5	660	10	<0.01	<2	7	109
L835386		10	<1	0.17	20	0.96	580	2	0.09	3	660	9	<0.01	<2	7	102
L835387		10	<1	0.24	20	0.79	652	3	0.07	6	620	14	0.05	<2	6	124
L835388		<10	<1	0.28	20	0.73	1130	18	0.03	2	580	33	0.22	2	5	226
L835389		10	<1	0.19	20	0.92	658	4	0.10	4	610	5	0.01	<2	7	115
L835390		10	<1	0.21	20	0.97	655	3	0.07	3	610	5	0.03	<2	6	98
L835391		10	1	0.23	20	0.95	594	2	0.10	3	610	5	0.01	<2	7	113
L835392		10	<1	0.24	20	0.98	594	2	0.10	3	590	6	0.01	<2	7	140
L835393		10	1	0.23	<10	1.08	589	44	0.32	296	650	7910	7.13	27	4	76
L835394		10	<1	0.28	20	0.95	630	2	0.13	6	570	18	0.03	<2	6	123
L835395		<10	<1	0.23	20	0.69	603	3	0.08	7	540	15	0.05	<2	5	107
L835396		10	<1	0.26	20	0.85	660	1	0.10	2	510	7	0.03	<2	6	124
L835397		10	<1	0.25	20	0.88	655	1	0.09	3	520	5	0.03	<2	6	142
L835398		10	<1	0.25	20	0.91	621	1	0.10	1	520	5	0.05	<2	6	139
L835399		<10	<1	0.02	<10	11.15	189	<1	0.01	<1	320	<2	<0.01	<2	<1	57
L835400		10	<1	0.21	20	1.10	810	2	0.08	2	620	5	0.06	<2	9	207
L835401		10	<1	0.15	20	1.07	841	2	0.04	3	660	6	0.17	<2	8	185
L835402		10	<1	0.22	20	0.87	1270	1	0.04	2	630	13	0.05	<2	7	243
L835403		10	<1	0.26	20	0.84	1110	1	0.03	2	620	20	0.05	7	7	250
L835404		10	<1	0.22	20	0.92	863	1	0.05	3	610	30	0.04	3	7	235
L835405		10	1	0.23	20	1.08	737	1	0.09	3	660	9	0.01	<2	8	261
L835406		10	<1	0.20	20	0.97	808	1	0.06	2	610	25	0.02	<2	7	214
L835407		10	<1	0.21	20	0.84	718	1	0.05	4	660	91	0.03	7	7	215
L835408		10	<1	0.20	20	0.89	784	1	0.06	3	610	60	0.03	2	8	275
L835409		<10	<1	0.44	20	1.38	680	1	0.07	25	1730	48	0.03	3	7	335
L835410		10	<1	0.51	20	1.72	699	2	0.08	36	2220	26	0.01	3	7	407
L835411		10	<1	0.24	20	1.16	946	1	0.06	6	880	19	0.02	<2	7	223

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181498

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835376		<20	0.03	<10	<10	68	<10	47	1
L835377		<20	0.01	<10	<10	56	<10	73	1
L835378		<20	0.03	<10	<10	67	<10	69	1
L835379		<20	0.10	<10	<10	81	<10	45	<1
L835380		<20	0.15	<10	<10	79	<10	50	<1
L835381		<20	0.12	<10	<10	85	<10	49	<1
L835382		<20	0.09	<10	<10	73	<10	45	1
L835383		<20	0.01	<10	<10	48	<10	54	<1
L835384		<20	0.01	<10	<10	49	<10	57	<1
L835385		<20	0.08	<10	<10	74	<10	57	<1
L835386		<20	0.11	<10	<10	76	<10	56	<1
L835387		<20	0.03	<10	<10	56	<10	60	<1
L835388		<20	0.01	<10	10	36	<10	72	<1
L835389		<20	0.04	<10	<10	66	<10	47	<1
L835390		<20	0.02	<10	<10	61	<10	49	1
L835391		<20	0.09	<10	<10	73	<10	50	<1
L835392		<20	0.08	<10	<10	72	<10	49	1
L835393		<20	0.05	<10	10	301	<10	7110	31
L835394		<20	0.11	<10	<10	76	<10	75	<1
L835395		<20	0.03	<10	<10	56	10	50	1
L835396		<20	0.06	<10	<10	65	<10	45	<1
L835397		<20	0.06	<10	<10	68	<10	46	<1
L835398		<20	0.06	<10	<10	69	<10	40	<1
L835399		<20	<0.01	<10	<10	<1	<10	14	<1
L835400		<20	0.03	<10	<10	71	<10	43	<1
L835401		<20	0.02	<10	<10	62	<10	48	<1
L835402		<20	0.01	<10	<10	53	<10	64	1
L835403		<20	0.01	<10	<10	47	<10	81	1
L835404		<20	0.01	<10	<10	56	<10	59	1
L835405		<20	0.04	<10	<10	78	<10	46	<1
L835406		<20	0.02	<10	<10	65	<10	71	2
L835407		<20	0.01	<10	<10	57	<10	67	3
L835408		<20	0.02	<10	<10	62	<10	61	2
L835409		<20	0.10	<10	<10	66	<10	104	1
L835410		<20	0.12	<10	<10	73	<10	101	1
L835411		<20	0.02	<10	<10	61	<10	106	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11181499

Project: Klaza PDH- 11- 13

P.O. No.: Batch 3

This report is for 16 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181499

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835412		1.14	<0.005	0.4	1.47	<2	<10	1480	<0.5	<2	3.12	<0.5	8	11	9	3.44
L835413		1.42	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	18.9	<0.5	2	<1	2	0.40
L835414		1.65	<0.005	0.3	1.26	<2	<10	1240	0.5	<2	2.85	<0.5	8	10	12	2.83
L835415		1.36	<0.005	0.3	1.17	2	<10	920	0.6	<2	3.12	<0.5	8	9	13	2.68
L835416		2.85	<0.005	0.3	0.94	2	<10	1880	0.5	<2	2.84	0.5	7	8	14	2.66
L835417		1.91	<0.005	0.2	0.79	4	<10	880	<0.5	<2	2.24	0.7	5	9	9	2.54
L835418		1.92	<0.005	0.2	1.03	4	<10	860	0.5	<2	2.76	0.5	7	10	9	2.66
L835419		2.54	<0.005	0.2	1.36	5	<10	550	0.9	<2	2.58	<0.5	8	10	6	2.71
L835420		1.68	<0.005	0.2	1.54	<2	<10	110	0.5	<2	3.21	<0.5	9	11	15	3.13
L835421		0.12	1.645	32.0	4.73	141	<10	40	<0.5	4	4.51	32.1	82	55	7090	8.28
L835422		2.46	<0.005	0.2	1.55	2	<10	80	0.5	<2	2.67	<0.5	9	11	19	3.15
L835423		2.07	<0.005	0.2	1.39	4	<10	80	0.5	<2	2.95	<0.5	8	10	9	2.81
L835424		2.57	<0.005	0.2	1.47	<2	<10	750	<0.5	<2	2.93	<0.5	9	12	12	2.86
L835425		1.66	<0.005	<0.2	1.37	3	<10	700	0.9	<2	3.36	<0.5	9	29	15	2.86
L835426		2.19	<0.005	<0.2	1.40	<2	<10	230	0.6	<2	2.34	<0.5	8	14	7	2.86
L835427		2.33	<0.005	0.2	1.20	<2	<10	290	0.8	<2	2.28	<0.5	7	9	6	2.45

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VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181499

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
L835412		10	<1	0.21	20	0.94	935	1	0.05	2	670	18	0.06	2	5	207
L835413		<10	<1	0.02	<10	12.05	188	<1	0.02	<1	200	4	0.01	2	<1	48
L835414		<10	<1	0.23	20	0.84	812	1	0.05	2	620	15	0.04	<2	5	177
L835415		<10	<1	0.22	20	0.74	761	1	0.04	2	650	23	0.03	<2	6	201
L835416		<10	<1	0.20	20	0.74	713	1	0.05	2	560	20	0.06	<2	5	182
L835417		<10	<1	0.11	10	0.67	668	1	0.05	2	490	23	0.03	<2	7	155
L835418		<10	<1	0.17	20	0.58	608	1	0.05	3	590	19	0.03	<2	7	203
L835419		<10	<1	0.22	20	0.65	563	1	0.05	3	630	17	0.04	2	8	270
L835420		10	<1	0.24	20	0.93	764	1	0.04	3	720	14	0.02	<2	7	275
L835421		10	1	0.23	10	1.11	612	46	0.32	308	670	8150	7.28	25	4	77
L835422		10	<1	0.20	20	1.01	716	1	0.04	3	700	16	0.03	3	6	225
L835423		<10	<1	0.27	20	0.87	678	1	0.04	3	660	11	0.02	3	5	255
L835424		10	<1	0.24	20	1.02	726	1	0.04	3	650	9	0.03	3	5	242
L835425		<10	<1	0.35	20	1.05	761	2	0.06	15	1210	14	0.04	2	6	350
L835426		10	<1	0.22	20	0.90	671	2	0.04	6	690	11	0.02	3	6	228
L835427		<10	<1	0.27	10	0.49	449	1	0.05	3	530	11	0.02	2	5	209

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VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 13

CERTIFICATE OF ANALYSIS WH11181499

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835412		<20	0.01	<10	<10	50	<10	81	1
L835413		<20	<0.01	<10	<10	1	<10	13	1
L835414		<20	<0.01	<10	<10	41	<10	63	<1
L835415		<20	<0.01	<10	<10	41	<10	94	1
L835416		<20	<0.01	<10	<10	36	<10	102	<1
L835417		<20	<0.01	<10	<10	47	<10	80	1
L835418		<20	<0.01	<10	<10	48	<10	51	<1
L835419		<20	<0.01	<10	<10	52	<10	46	1
L835420		<20	<0.01	<10	<10	50	<10	57	1
L835421		<20	0.05	<10	<10	308	10	7610	33
L835422		<20	<0.01	<10	<10	50	<10	68	1
L835423		<20	<0.01	<10	<10	40	<10	56	1
L835424		<20	<0.01	<10	<10	42	<10	51	<1
L835425		<20	0.03	<10	<10	50	<10	63	1
L835426		20	0.01	<10	<10	44	<10	56	<1
L835427		<20	<0.01	<10	<10	36	<10	46	<1

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Finalized Date: 22- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182220

Project: Klaza DDH- 41

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182220

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K863335		4.35	0.018	0.9	0.72	16	<10	30	<0.5	<2	1.45	1.7	6	4	4	3.33
K863336		11.66	0.014	0.6	0.64	15	<10	40	<0.5	<2	2.04	2.0	7	4	5	3.29
K863337		4.37	0.027	0.4	0.70	41	<10	120	0.7	<2	2.83	0.5	6	3	7	2.43
K863338		2.25	0.806	>100	0.55	2100	<10	40	0.5	114	1.78	19.5	6	3	1400	3.67
K863339		5.44	0.005	0.2	0.78	8	<10	110	0.6	<2	1.46	<0.5	7	2	13	2.43
K863340		2.88	0.008	1.3	0.80	19	<10	100	0.6	<2	1.29	<0.5	6	4	22	2.24
K863341		9.96	0.071	2.3	0.71	110	<10	30	0.6	<2	1.62	10.8	9	3	16	4.90
K863342		7.31	0.005	0.4	0.83	12	<10	90	0.9	<2	2.21	<0.5	10	3	5	3.35
K863343		6.04	3.09	12.8	0.56	2040	<10	20	<0.5	4	1.42	36.6	6	6	121	5.03
K863344		1.53	<0.005	<0.2	0.07	7	<10	40	<0.5	<2	19.3	<0.5	<1	1	1	0.49
K863345		11.82	0.027	0.6	0.88	32	<10	150	0.7	<2	2.23	2.0	6	4	7	3.10
K863346		2.78	0.231	23.2	0.48	284	<10	30	<0.5	<2	2.20	28.7	4	4	30	3.58
K863347		2.18	<0.005	0.2	0.06	5	<10	30	<0.5	<2	19.2	<0.5	<1	1	1	0.47
K863348		5.17	0.013	0.8	0.60	14	<10	70	0.7	<2	2.21	1.5	7	4	14	3.15
K863349		10.99	0.006	0.4	1.06	7	<10	260	0.6	<2	3.54	<0.5	6	6	11	2.69
K863350		3.85	0.006	0.4	0.67	10	<10	110	0.5	<2	4.01	<0.5	7	4	36	2.78
K972001		4.14	0.028	1.6	0.58	35	<10	120	0.6	<2	3.14	7.6	6	4	61	2.16
K972002		11.00	0.009	0.2	1.34	7	<10	210	0.6	<2	1.78	<0.5	6	8	12	2.74
K972003		0.10	1.460	33.7	4.61	148	<10	50	<0.5	14	4.36	30.4	84	53	6740	7.80
K972004		12.42	0.013	0.3	1.23	14	<10	320	0.6	<2	1.98	<0.5	6	7	51	2.61
K972005		3.26	0.007	0.2	1.66	11	<10	370	0.7	<2	1.99	<0.5	7	8	11	3.03
K972006		9.00	0.009	0.3	1.26	7	<10	200	0.7	<2	2.11	<0.5	7	6	4	3.03
K972007		2.78	0.861	7.2	0.57	1605	<10	70	0.7	<2	2.53	25.2	6	4	55	3.09
K972008		4.25	0.008	0.3	0.75	16	<10	390	0.6	<2	2.07	<0.5	7	4	3	2.55
K972009		1.78	0.670	12.7	0.59	1305	<10	40	0.9	2	2.41	95.5	6	3	137	3.17
K972010		7.07	0.302	1.9	0.94	557	<10	180	0.9	<2	2.74	34.3	6	4	22	3.28
K972011		3.74	0.030	1.5	0.97	53	<10	130	0.8	<2	3.04	9.6	6	4	16	3.48
K972012		5.67	0.127	1.1	0.57	140	<10	110	0.8	<2	3.01	2.6	7	3	13	2.73
K972013		7.36	<0.005	0.3	0.71	11	<10	1440	1.2	<2	2.79	<0.5	4	5	11	1.77
K972014		6.68	0.619	2.9	0.45	371	<10	40	0.5	<2	2.57	11.7	7	3	19	3.70
K972015		8.79	0.008	0.5	1.02	14	<10	230	0.7	<2	2.59	<0.5	7	5	20	2.66
K972016		8.07	0.108	3.6	0.70	95	<10	50	0.6	<2	2.60	5.7	7	3	25	2.80
K972017		0.10	1.495	32.7	4.50	136	<10	50	<0.5	12	4.32	30.0	82	53	6690	7.73
K972018		11.63	0.033	0.6	0.82	35	<10	140	0.8	<2	3.35	3.8	6	3	17	2.86
K972019		11.82	0.007	0.3	1.33	8	<10	400	0.8	<2	2.91	<0.5	5	5	21	2.89
K972020		11.24	0.005	0.2	0.77	11	<10	480	0.8	<2	2.80	<0.5	6	4	12	2.37

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Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182220

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K863335		<10	<1	0.45	10	0.44	450	2	0.02	1	480	121	3.48	2	2	46
K863336		<10	1	0.40	10	0.65	1095	<1	0.02	2	550	67	3.04	2	2	61
K863337		<10	<1	0.31	20	0.78	1055	<1	0.01	1	530	40	1.14	3	5	126
K863338		<10	1	0.34	10	0.52	998	2	0.01	1	450	>10000	3.77	248	3	68
K863339		<10	<1	0.22	10	0.45	539	<1	0.02	1	540	23	1.30	2	5	100
K863340		<10	<1	0.23	10	0.40	496	<1	0.01	1	530	222	1.26	3	5	102
K863341		<10	<1	0.35	10	0.52	1015	3	0.02	1	530	549	3.93	5	4	78
K863342		<10	1	0.24	10	0.66	1075	<1	0.02	2	560	21	1.72	2	7	146
K863343		<10	1	0.38	10	0.42	898	4	0.01	<1	470	4110	5.10	28	2	43
K863344		<10	<1	0.03	<10	12.00	221	<1	0.02	1	170	10	0.05	<2	<1	53
K863345		<10	<1	0.35	20	0.63	903	3	0.02	1	610	191	1.88	3	5	117
K863346		<10	1	0.32	10	0.68	3250	6	0.02	<1	420	8570	3.41	32	2	69
K863347		<10	<1	0.03	<10	11.95	223	<1	0.01	1	160	16	0.03	<2	<1	50
K863348		<10	<1	0.31	10	0.65	725	<1	0.02	2	530	116	2.67	5	3	107
K863349		<10	<1	0.21	20	1.15	636	<1	0.05	<1	560	21	1.25	<2	5	144
K863350		<10	<1	0.29	20	0.52	852	<1	0.03	2	530	21	1.94	6	3	141
K972001		<10	<1	0.27	10	0.77	1515	<1	0.02	1	490	1095	1.44	20	4	132
K972002		<10	<1	0.16	20	0.80	618	<1	0.05	2	560	21	1.21	<2	5	163
K972003		<10	2	0.23	<10	1.07	599	40	0.32	289	640	7880	6.74	28	4	75
K972004		<10	<1	0.21	20	0.69	757	<1	0.06	3	550	38	0.96	2	5	146
K972005		<10	<1	0.17	20	0.70	1030	<1	0.08	1	530	20	0.78	3	5	197
K972006		<10	<1	0.24	20	0.69	815	<1	0.04	1	590	24	1.26	<2	6	137
K972007		<10	<1	0.28	10	0.75	1120	<1	0.01	2	480	1320	1.92	11	4	131
K972008		<10	<1	0.19	20	0.70	790	<1	0.02	1	540	13	0.56	3	7	113
K972009		<10	1	0.25	10	0.73	1200	11	0.01	1	470	1445	1.94	32	5	135
K972010		<10	<1	0.28	20	0.63	1330	<1	0.02	1	580	397	1.28	5	6	159
K972011		<10	<1	0.33	20	0.68	1945	<1	0.02	1	670	255	1.70	6	6	137
K972012		<10	<1	0.32	10	0.77	2210	<1	0.02	1	500	145	1.27	6	4	139
K972013		<10	1	0.27	10	0.81	597	<1	0.02	9	600	16	0.14	2	5	492
K972014		<10	<1	0.33	10	0.65	2630	1	0.01	1	480	674	2.94	7	2	85
K972015		<10	<1	0.26	20	0.60	813	<1	0.02	1	560	22	1.26	2	5	137
K972016		<10	<1	0.26	20	0.46	852	3	0.01	1	520	653	2.04	4	4	127
K972017		<10	1	0.22	<10	1.06	596	39	0.32	288	630	7840	6.60	28	4	74
K972018		<10	<1	0.24	20	0.53	989	<1	0.02	2	560	42	1.82	2	5	196
K972019		<10	<1	0.18	20	0.69	589	1	0.03	1	550	21	0.74	<2	6	206
K972020		<10	<1	0.19	20	0.59	738	<1	0.02	1	540	17	0.65	<2	7	146

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Finalized Date: 22- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182220

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K863335		<20	<0.01	<10	<10	7	<10	166	<1	
K863336		<20	<0.01	<10	<10	8	<10	171	<1	
K863337		<20	<0.01	<10	<10	16	<10	68	<1	
K863338		<20	<0.01	<10	<10	10	<10	1190	154	3.34
K863339		<20	<0.01	<10	<10	20	<10	25	<1	
K863340		<20	<0.01	<10	<10	18	<10	29	<1	
K863341		<20	<0.01	<10	<10	21	<10	765	1	
K863342		<20	<0.01	<10	<10	23	<10	56	<1	
K863343		<20	<0.01	<10	<10	7	<10	2620	12	
K863344		<20	<0.01	<10	<10	2	<10	21	<1	
K863345		<20	<0.01	<10	<10	19	<10	175	<1	
K863346		<20	<0.01	<10	<10	5	<10	2020	21	
K863347		<20	<0.01	<10	<10	2	<10	21	<1	
K863348		<20	<0.01	<10	<10	8	<10	135	<1	
K863349		<20	<0.01	<10	<10	28	<10	52	<1	
K863350		<20	<0.01	<10	<10	13	<10	39	<1	
K972001		<20	<0.01	<10	<10	13	<10	737	<1	
K972002		<20	<0.01	<10	<10	35	<10	65	<1	
K972003		<20	0.05	<10	<10	298	<10	7030	29	
K972004		<20	<0.01	<10	<10	32	<10	120	<1	
K972005		<20	0.02	<10	<10	37	<10	74	<1	
K972006		<20	<0.01	<10	<10	30	<10	66	<1	
K972007		<20	<0.01	<10	<10	15	<10	1720	7	
K972008		<20	<0.01	<10	<10	30	<10	51	<1	
K972009		<20	<0.01	<10	<10	22	<10	5830	12	
K972010		<20	<0.01	<10	<10	22	<10	2430	2	
K972011		20	<0.01	<10	<10	27	<10	835	2	
K972012		<20	<0.01	<10	<10	12	<10	221	1	
K972013		<20	<0.01	<10	<10	15	<10	50	<1	
K972014		<20	<0.01	<10	<10	7	<10	865	3	
K972015		<20	<0.01	<10	<10	21	<10	65	<1	
K972016		<20	<0.01	<10	<10	14	<10	475	3	
K972017		<20	0.05	<10	<10	298	<10	7030	29	
K972018		<20	<0.01	<10	<10	16	<10	336	1	
K972019		<20	<0.01	<10	<10	29	<10	59	<1	
K972020		<20	<0.01	<10	<10	24	<10	55	<1	

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Finalized Date: 28- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182221

Project: Klaza DDH - 49

P.O. No.: Batch 5

This report is for 8 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH - 49

CERTIFICATE OF ANALYSIS WH11182221

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972334		5.30	<0.005	0.2	0.61	24	<10	1010	0.6	<2	2.34	<0.5	6	4	58	2.31
K972335		1.50	<0.005	0.8	0.50	57	<10	670	0.6	<2	2.63	2.4	9	3	116	2.43
K972336		4.84	<0.005	0.4	0.61	30	<10	1680	0.6	<2	2.24	0.7	6	4	55	2.25
K972337		1.66	<0.005	0.4	0.57	40	<10	810	0.8	<2	3.18	<0.5	10	3	37	2.39
K972338		3.39	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	18.3	<0.5	2	1	2	0.44
K972339		7.72	<0.005	0.2	0.82	56	<10	1360	0.8	<2	2.65	<0.5	7	4	23	2.50
K972340		3.62	<0.005	0.5	0.57	40	<10	1100	0.7	<2	3.30	<0.5	8	3	44	2.42
K972341		2.09	<0.005	0.3	0.87	9	<10	1160	0.6	<2	2.59	<0.5	8	5	76	2.62

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Project: Klaza DDH - 49

CERTIFICATE OF ANALYSIS WH11182221

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972334		<10	<1	0.29	20	0.69	632	4	0.03	1	520	12	0.06	8	7	180
K972335		<10	<1	0.32	20	0.72	1190	5	0.02	1	490	44	0.31	32	5	157
K972336		<10	<1	0.34	20	0.62	866	5	0.03	1	520	24	0.18	12	6	156
K972337		<10	<1	0.36	20	1.05	866	8	0.02	1	540	29	0.41	4	6	178
K972338		<10	<1	0.04	<10	11.20	198	<1	0.01	<1	170	<2	0.02	<2	<1	46
K972339		<10	<1	0.30	20	0.89	630	3	0.03	1	540	9	0.22	3	8	211
K972340		<10	<1	0.33	20	0.93	732	5	0.02	2	570	29	0.26	12	6	217
K972341		<10	<1	0.31	20	0.82	669	4	0.03	1	580	13	0.04	5	8	194

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Finalized Date: 28- OCT- 2011
Account: ROCKHA

Project: Klaza DDH - 49

CERTIFICATE OF ANALYSIS WH11182221

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972334		<20	0.01	<10	<10	26	<10	55	<1
K972335		<20	<0.01	<10	<10	11	<10	200	<1
K972336		20	<0.01	<10	<10	19	<10	93	<1
K972337		<20	<0.01	<10	<10	14	<10	61	<1
K972338		<20	<0.01	<10	<10	<1	<10	14	1
K972339		<20	<0.01	<10	<10	34	<10	45	<1
K972340		<20	<0.01	<10	<10	17	<10	53	<1
K972341		<20	0.01	<10	<10	39	<10	53	1

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Finalized Date: 6- JAN- 2012
Account: ROCKHA

CERTIFICATE WH11182222

Project: Klaza DDH- 42

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182222

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972711		2.48	<0.005	0.2	0.68	6	<10	320	1.2	<2	0.13	<0.5	<1	1	1	0.46
K972712		2.86	<0.005	0.2	0.62	3	<10	340	1.2	2	0.17	0.8	1	1	1	0.36
K972713		2.45	<0.005	0.3	0.65	28	<10	160	1.7	2	3.15	1.0	6	3	28	1.86
K972714		2.82	0.016	1.6	0.56	74	<10	170	0.9	4	1.49	2.8	4	3	29	1.64
K972715		1.91	0.037	22.6	0.53	105	<10	130	0.7	3	2.53	17.6	5	4	43	2.31
K972716		3.51	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	21.1	<0.5	<1	1	<1	0.50
K972717		1.75	<0.005	<0.2	0.79	5	<10	250	1.0	3	2.97	<0.5	4	7	11	2.00
K972718		2.83	<0.005	<0.2	0.89	3	<10	570	0.9	<2	3.60	<0.5	4	7	2	1.97
K972719		1.98	<0.005	0.3	0.76	37	<10	930	0.9	<2	4.32	1.8	6	4	3	1.84
K972720		1.92	<0.005	<0.2	0.66	18	<10	1320	0.9	<2	3.08	<0.5	6	3	5	2.19
K972721		2.49	0.009	<0.2	0.71	82	<10	670	1.0	<2	2.64	<0.5	8	4	4	2.74
K972722		3.42	0.007	0.5	0.69	65	<10	250	0.8	<2	2.62	1.2	8	3	4	3.95
K972723		0.07	3.35	>100	0.19	>10000	<10	10	<0.5	<2	0.43	350	2	10	1695	14.70
K972724		1.37	0.006	0.8	0.54	85	<10	460	0.9	<2	2.69	1.9	7	3	21	2.77
K972725		1.96	<0.005	<0.2	0.63	12	<10	1310	0.9	<2	3.70	<0.5	7	4	5	2.72
K972726		2.35	<0.005	<0.2	0.78	4	<10	580	0.8	2	2.90	<0.5	6	5	4	2.68
K972727		1.40	<0.005	<0.2	0.86	4	<10	570	0.8	2	4.22	<0.5	7	5	3	2.72
K972728		5.62	<0.005	<0.2	0.70	5	<10	700	0.8	<2	3.27	<0.5	7	5	7	2.52
K972729		1.94	0.007	0.3	0.64	30	<10	690	0.7	<2	3.16	0.6	6	3	16	2.62
K972730		1.86	0.041	0.4	0.71	66	<10	200	0.8	<2	2.69	0.9	7	5	20	3.03
K972731		1.25	0.095	0.8	0.83	52	<10	80	0.7	<2	1.65	1.2	7	4	7	2.84
K972732		3.57	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.0	<0.5	1	<1	<1	0.47
K972733		1.73	0.016	<0.2	0.58	9	<10	340	0.6	2	2.32	0.8	6	3	3	2.29
K972734		3.04	0.027	0.6	0.61	126	<10	280	0.8	3	2.54	1.4	7	5	10	2.63
K972735		5.28	<0.005	<0.2	0.67	13	<10	960	0.8	<2	2.84	<0.5	7	4	5	2.44
K972736		4.92	<0.005	0.6	0.71	25	<10	630	0.8	2	2.80	<0.5	7	4	6	2.48
K972737		2.28	0.051	0.6	0.63	164	<10	250	0.7	3	4.28	<0.5	7	3	13	2.75
K972738		4.34	<0.005	0.6	0.68	11	<10	520	0.8	<2	3.02	<0.5	7	5	4	2.39
K972739		1.69	0.047	1.5	0.69	196	<10	390	1.0	<2	2.93	1.7	8	3	5	2.65
K972740		1.61	0.027	1.0	0.73	51	<10	550	1.0	<2	3.60	<0.5	7	4	21	2.54
K972741		4.18	<0.005	0.5	0.68	14	<10	770	0.7	<2	3.51	<0.5	6	5	3	2.35
K972742		2.40	0.319	1.8	0.62	42	<10	730	0.9	<2	4.65	1.9	7	3	33	2.01
K972743		1.96	0.007	0.6	0.72	23	<10	410	0.7	<2	3.08	<0.5	7	6	2	2.40
K972744		1.60	0.067	2.0	0.66	178	<10	170	0.7	<2	2.90	0.6	9	4	36	2.94
K972745		0.05	NSS	>100	0.18	>10000	<10	<10	<0.5	<2	0.42	333	1	10	1630	13.8
K972746		6.12	0.058	3.2	0.60	475	<10	880	0.7	<2	3.12	1.5	6	4	39	2.41

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182222

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972711		<10	<1	0.27	<10	0.07	64	<1	0.02	1	20	52	0.03	<2	2	166
K972712		<10	1	0.27	<10	0.06	352	<1	0.02	1	<10	62	0.03	<2	2	157
K972713		<10	1	0.40	20	0.24	2090	3	0.03	2	590	23	0.26	2	4	160
K972714		<10	1	0.33	10	0.34	1840	3	0.03	1	290	171	0.44	9	2	84
K972715		<10	1	0.31	10	0.44	4360	2	0.03	3	450	>10000	0.95	20	2	131
K972716		<10	<1	0.02	<10	13.35	241	<1	0.02	3	190	13	0.08	<2	<1	46
K972717		<10	1	0.25	10	0.66	685	<1	0.05	4	790	37	<0.01	<2	4	423
K972718		<10	<1	0.27	10	0.65	620	<1	0.04	3	790	20	0.01	<2	4	412
K972719		<10	1	0.39	20	0.39	2160	4	0.03	2	510	69	0.29	<2	5	220
K972720		<10	<1	0.35	20	0.68	1710	<1	0.03	6	620	25	0.23	<2	4	183
K972721		<10	1	0.38	20	0.68	2170	<1	0.03	3	560	34	0.44	<2	5	156
K972722		<10	<1	0.32	10	0.60	3400	<1	0.01	2	500	90	0.95	6	5	158
K972723		<10	2	0.08	<10	0.18	1510	<1	0.03	11	130	>10000	>10.0	602	1	22
K972724		<10	1	0.35	20	0.69	2760	<1	0.03	2	560	156	0.65	10	4	131
K972725		<10	1	0.34	20	0.78	1465	<1	0.03	2	590	27	0.14	<2	6	180
K972726		<10	<1	0.33	20	0.67	801	<1	0.03	1	600	12	0.03	<2	8	185
K972727		<10	<1	0.35	20	0.69	1045	<1	0.04	2	600	12	0.02	<2	8	238
K972728		<10	1	0.32	20	0.69	845	<1	0.04	2	550	10	0.06	<2	6	177
K972729		<10	1	0.32	20	0.66	2180	<1	0.03	2	520	169	0.37	2	6	192
K972730		<10	1	0.29	10	0.60	1955	<1	0.02	1	480	37	0.89	8	6	173
K972731		<10	1	0.26	10	0.37	2050	<1	0.02	2	470	114	1.36	8	6	150
K972732		<10	2	0.01	<10	12.75	229	<1	0.03	1	210	2	0.08	<2	<1	50
K972733		<10	1	0.36	20	0.60	3040	<1	0.03	2	500	27	0.86	<2	4	104
K972734		<10	<1	0.35	20	0.65	2190	<1	0.03	3	530	57	0.91	6	5	128
K972735		<10	1	0.32	20	0.72	1555	<1	0.02	1	540	14	0.26	<2	5	174
K972736		<10	1	0.31	20	0.61	1525	<1	0.03	2	560	24	0.33	2	6	176
K972737		<10	1	0.30	20	0.94	2510	<1	0.02	2	490	38	0.80	4	5	181
K972738		<10	<1	0.27	10	0.63	1700	<1	0.02	<1	510	14	0.62	<2	6	168
K972739		<10	<1	0.36	20	0.74	2760	<1	0.02	<1	590	95	0.83	7	4	185
K972740		<10	<1	0.31	20	0.59	1985	<1	0.02	<1	600	57	0.53	4	6	202
K972741		<10	<1	0.31	10	0.72	1255	<1	0.03	<1	560	12	0.28	<2	5	177
K972742		<10	<1	0.34	10	0.93	1730	<1	0.02	<1	560	422	0.38	5	4	220
K972743		<10	<1	0.25	20	0.57	1325	<1	0.04	<1	610	17	0.34	<2	7	196
K972744		<10	1	0.35	10	0.74	2480	<1	0.02	<1	590	1455	1.49	18	4	145
K972745		<10	1	0.07	<10	0.18	1485	<1	0.01	8	140	>10000	>10.0	560	1	24
K972746		<10	1	0.29	10	0.83	1260	<1	0.02	<1	520	1050	0.32	11	4	166

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182222

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K972711		20	<0.01	<10	<10	<1	<10	33	<1		
K972712		20	<0.01	<10	10	<1	<10	44	<1		
K972713		<20	<0.01	<10	<10	13	<10	119	<1		
K972714		<20	<0.01	<10	<10	10	<10	297	2		
K972715		<20	<0.01	<10	<10	8	<10	1930	21	1.490	
K972716		<20	<0.01	<10	<10	2	<10	20	<1		
K972717		<20	<0.01	<10	<10	33	<10	86	<1		
K972718		<20	<0.01	<10	<10	32	<10	102	<1		
K972719		<20	<0.01	<10	<10	13	<10	195	1		
K972720		<20	<0.01	<10	<10	13	<10	88	<1		
K972721		<20	<0.01	<10	<10	16	<10	85	<1		
K972722		<20	<0.01	<10	<10	16	<10	156	1		
K972723		<20	<0.01	<10	<10	8	160	>10000	412	3.15	3.56
K972724		<20	<0.01	<10	<10	10	<10	191	1		
K972725		<20	<0.01	<10	<10	19	<10	76	1		
K972726		<20	<0.01	<10	<10	35	<10	57	<1		
K972727		<20	<0.01	<10	<10	36	<10	58	<1		
K972728		<20	<0.01	<10	<10	28	<10	61	1		
K972729		<20	<0.01	<10	<10	18	<10	108	1		
K972730		<20	<0.01	<10	<10	25	<10	150	1		
K972731		<20	<0.01	<10	<10	22	<10	157	<1		
K972732		<20	<0.01	<10	<10	1	<10	20	<1		
K972733		<20	<0.01	<10	<10	11	<10	117	<1		
K972734		<20	<0.01	<10	<10	19	<10	153	<1		
K972735		<20	<0.01	<10	<10	21	<10	62	<1		
K972736		<20	<0.01	<10	<10	22	<10	79	2		
K972737		<20	<0.01	<10	<10	18	<10	78	<1		
K972738		<20	<0.01	<10	<10	23	<10	64	<1		
K972739		<20	<0.01	<10	<10	19	<10	219	<1		
K972740		<20	<0.01	<10	<10	24	<10	65	<1		
K972741		<20	<0.01	<10	<10	23	<10	56	<1		
K972742		<20	<0.01	<10	<10	14	<10	255	<1		
K972743		20	<0.01	<10	<10	34	<10	55	<1		
K972744		<20	<0.01	<10	<10	16	<10	106	<1		
K972745		<20	<0.01	<10	<10	8	150	>10000	433	3.08	3.63
K972746		<20	<0.01	<10	<10	18	<10	382	3		

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182222

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182223

Project: Klaza DDH- 42

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182223

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972675		4.02	0.021	2.3	0.79	84	<10	830	0.8	<2	0.33	4.9	9	7	69	3.41
K972676		3.03	<0.005	0.7	0.54	34	<10	710	0.7	<2	0.51	3.2	7	<1	23	2.64
K972677		2.32	0.010	0.5	0.58	94	<10	560	0.7	<2	2.24	1.4	7	1	23	2.97
K972678		3.15	<0.005	0.5	0.69	44	<10	490	0.6	<2	2.12	2.2	6	2	31	2.92
K972679		1.13	<0.005	0.7	0.45	20	<10	510	0.6	<2	2.66	2.4	6	<1	4	3.03
K972680		1.16	<0.005	2.1	0.40	32	<10	300	0.5	<2	2.60	22.5	6	<1	10	5.81
K972681		5.02	<0.005	0.4	0.51	7	<10	390	0.8	<2	3.27	1.8	7	<1	4	2.57
K972682		2.93	<0.005	0.4	0.54	6	<10	220	0.7	<2	2.57	1.7	6	<1	3	2.30
K972683		2.35	<0.005	1.0	0.51	25	<10	160	0.7	<2	3.25	2.1	8	<1	7	2.51
K972684		2.16	<0.005	0.3	1.05	15	<10	490	1.0	<2	3.95	1.5	8	19	3	3.21
K972685		0.22	3.25	>100	0.19	>10000	<10	10	<0.5	<2	0.43	335	2	6	1610	14.2
K972686		3.37	0.024	0.3	0.61	22	<10	580	0.9	<2	3.59	<0.5	7	5	51	2.64
K972687		1.10	1.450	32.5	0.43	2380	<10	30	<0.5	10	0.33	157.5	9	<1	4020	4.74
K972688		2.83	<0.005	0.3	0.05	16	<10	30	<0.5	<2	19.8	<0.5	<1	<1	6	0.46
K972689		2.90	0.016	1.9	0.67	101	<10	400	0.7	<2	1.28	6.5	7	<1	34	3.35
K972690		3.17	0.014	1.3	0.88	119	<10	140	0.8	<2	2.11	6.8	8	1	29	3.01
K972691		2.75	<0.005	0.4	0.94	29	<10	1110	0.9	<2	2.60	0.6	8	1	16	2.89
K972692		4.98	0.011	0.3	0.82	12	<10	310	0.8	<2	2.75	<0.5	8	1	11	2.47
K972693		2.82	<0.005	0.3	0.72	2	<10	530	0.7	<2	3.72	<0.5	7	<1	5	2.51
K972694		4.81	<0.005	0.3	1.09	3	<10	520	0.6	<2	2.10	<0.5	7	6	7	2.76
K972695		0.07	3.31	>100	0.18	>10000	<10	10	<0.5	<2	0.42	329	2	5	1570	14.0
K972696		4.67	<0.005	<0.2	1.07	9	<10	370	0.8	<2	2.35	<0.5	7	6	11	2.64
K972697		1.59	0.017	0.7	1.06	65	<10	690	0.8	<2	1.95	2.3	7	1	10	2.73
K972698		5.63	<0.005	0.3	1.10	13	<10	300	0.9	<2	2.22	<0.5	7	3	4	2.70
K972699		1.92	<0.005	0.5	0.89	41	<10	140	0.8	<2	2.48	1.5	9	3	14	2.38
K972700		1.59	0.036	1.3	0.50	104	<10	130	0.6	2	1.50	3.8	7	2	6	2.55
K972701		3.17	<0.005	<0.2	0.04	6	<10	20	<0.5	<2	20.6	<0.5	<1	<1	<1	0.49
K972702		3.56	<0.005	0.5	0.50	19	<10	310	0.8	<2	2.98	0.5	7	1	2	2.38
K972703		2.54	<0.005	0.2	0.71	5	<10	480	0.8	<2	3.71	<0.5	6	2	5	2.26
K972704		2.60	<0.005	0.2	0.87	6	<10	160	0.9	<2	2.83	<0.5	6	2	5	2.47
K972705		1.64	<0.005	0.6	0.72	64	<10	300	0.8	<2	2.17	1.8	7	1	4	2.09
K972706		2.56	<0.005	0.5	0.76	51	<10	170	1.0	<2	1.85	1.5	7	2	2	2.62
K972707		1.94	0.024	2.1	0.40	76	<10	130	1.0	4	1.97	4.8	10	1	9	3.50
K972708		1.27	0.018	1.8	0.45	92	<10	140	1.1	2	1.90	2.7	9	<1	6	3.31
K972709		4.32	<0.005	<0.2	0.62	7	<10	300	1.1	<2	0.13	0.7	1	2	<1	0.56
K972710		4.58	<0.005	0.6	0.48	6	<10	360	1.1	<2	0.25	1.8	1	<1	<1	0.37

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182223

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972675		<10	<1	0.27	20	0.16	2290	6	0.03	2	790	313	<0.01	8	6	39
K972676		<10	<1	0.29	30	0.11	2020	4	0.02	<1	660	47	<0.01	7	5	37
K972677		<10	<1	0.38	20	0.48	3010	1	0.02	<1	620	26	0.18	7	6	71
K972678		<10	<1	0.33	20	0.42	1610	1	0.03	<1	600	48	0.14	10	7	73
K972679		<10	<1	0.33	20	0.47	3700	2	0.02	<1	600	78	0.11	4	4	67
K972680		<10	1	0.30	20	0.62	22700	1	0.02	<1	550	759	0.33	3	4	58
K972681		<10	<1	0.30	20	0.36	2120	1	0.01	<1	610	27	0.07	3	5	97
K972682		<10	<1	0.36	20	0.43	1285	1	0.01	<1	610	13	0.09	3	4	79
K972683		<10	1	0.34	20	0.47	2250	1	0.01	<1	640	51	0.23	6	4	110
K972684		<10	<1	0.23	10	0.58	1065	1	0.02	6	1640	21	<0.01	7	7	396
K972685		<10	2	0.08	<10	0.18	1510	1	0.01	9	140	>10000	>10.0	578	1	22
K972686		<10	<1	0.29	20	0.53	2510	<1	0.01	2	650	22	0.15	6	7	148
K972687		<10	1	0.31	10	0.11	2350	2	0.01	<1	530	3510	4.40	403	2	27
K972688		<10	1	0.03	<10	12.30	215	1	0.02	<1	180	12	0.01	<2	<1	48
K972689		<10	<1	0.36	10	0.48	3100	1	0.01	<1	580	341	0.60	10	5	53
K972690		<10	<1	0.26	10	0.67	3320	1	0.01	1	550	353	0.38	7	7	77
K972691		<10	<1	0.24	10	0.72	1390	2	0.01	11	590	23	0.19	2	7	114
K972692		<10	<1	0.32	20	0.70	1105	1	0.01	2	610	9	0.12	4	5	101
K972693		<10	<1	0.28	20	0.80	1070	1	0.03	<1	620	10	0.06	2	5	152
K972694		<10	<1	0.24	20	0.70	673	1	0.06	<1	630	7	0.02	4	8	128
K972695		10	1	0.07	<10	0.17	1485	1	0.01	7	130	>10000	>10.0	569	1	21
K972696		<10	<1	0.24	20	0.72	831	<1	0.01	2	610	13	0.08	2	9	122
K972697		<10	<1	0.23	10	0.67	1200	1	0.02	<1	530	52	0.44	8	6	97
K972698		<10	<1	0.25	20	0.73	731	1	0.02	<1	590	15	0.06	3	8	109
K972699		<10	1	0.30	10	0.70	1605	1	0.01	1	590	30	0.30	5	7	90
K972700		<10	<1	0.33	10	0.39	3400	2	0.01	1	530	98	1.00	10	3	49
K972701		<10	1	0.02	<10	12.85	228	1	0.02	1	210	<2	0.03	<2	<1	48
K972702		<10	<1	0.30	10	0.57	2320	1	0.02	<1	600	26	0.21	5	5	109
K972703		<10	<1	0.24	20	0.66	845	<1	0.02	<1	590	11	0.03	3	7	169
K972704		<10	<1	0.24	10	0.54	1020	1	0.02	<1	580	15	0.05	3	7	174
K972705		<10	<1	0.31	20	0.57	1995	1	0.01	1	590	65	0.24	6	5	93
K972706		<10	1	0.30	10	0.60	1970	2	0.01	<1	610	42	0.14	3	5	90
K972707		<10	<1	0.27	10	0.59	6330	3	0.01	<1	500	190	1.05	10	4	86
K972708		<10	<1	0.31	10	0.58	4750	4	0.01	<1	550	159	0.89	7	4	93
K972709		<10	<1	0.23	<10	0.09	105	2	0.01	<1	20	57	0.07	3	2	122
K972710		<10	<1	0.21	<10	0.08	452	1	0.01	<1	10	59	0.06	2	2	148

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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11182223

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K972675		<20	0.01	<10	<10	34	<10	756	3		
K972676		<20	<0.01	<10	<10	17	<10	480	1		
K972677		<20	0.01	<10	<10	19	<10	274	<1		
K972678		<20	0.01	<10	<10	31	<10	246	<1		
K972679		<20	<0.01	<10	<10	11	<10	309	<1		
K972680		<20	<0.01	<10	<10	8	<10	2620	1		
K972681		<20	<0.01	<10	<10	16	<10	246	<1		
K972682		<20	<0.01	<10	<10	13	<10	181	<1		
K972683		<20	<0.01	<10	<10	12	<10	232	1		
K972684		<20	0.01	<10	<10	68	<10	292	<1		
K972685		<20	<0.01	<10	<10	10	160	>10000	421	2.95	3.59
K972686		<20	<0.01	<10	<10	26	<10	80	1		
K972687		<20	<0.01	<10	<10	6	10	>10000	30		1.135
K972688		<20	<0.01	<10	<10	2	<10	41	<1		
K972689		<20	<0.01	<10	<10	17	<10	735	2		
K972690		<20	<0.01	<10	<10	29	<10	807	1		
K972691		<20	<0.01	<10	<10	28	<10	78	<1		
K972692		<20	<0.01	<10	<10	17	<10	56	<1		
K972693		<20	<0.01	<10	<10	22	<10	62	<1		
K972694		<20	0.03	<10	<10	48	<10	49	<1		
K972695		<20	<0.01	<10	<10	9	150	>10000	427	3.00	3.49
K972696		<20	0.01	<10	<10	41	<10	56	<1		
K972697		<20	<0.01	<10	<10	29	<10	320	<1		
K972698		<20	<0.01	<10	<10	34	<10	57	<1		
K972699		<20	<0.01	<10	<10	27	<10	148	<1		
K972700		<20	<0.01	<10	<10	10	<10	379	<1		
K972701		<20	<0.01	<10	<10	2	<10	16	<1		
K972702		<20	<0.01	<10	<10	15	<10	71	<1		
K972703		<20	<0.01	<10	<10	31	<10	58	<1		
K972704		<20	<0.01	<10	<10	29	<10	56	<1		
K972705		<20	<0.01	<10	<10	14	<10	180	<1		
K972706		<20	<0.01	<10	<10	18	<10	182	<1		
K972707		<20	<0.01	<10	10	9	<10	575	1		
K972708		<20	<0.01	<10	10	9	<10	353	1		
K972709		20	<0.01	<10	10	1	<10	45	<1		
K972710		20	<0.01	<10	10	<1	<10	127	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182224

Project: Klaza DDH- 41

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182224

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972021		5.21	0.005	<0.2	0.91	9	<10	420	0.8	<2	2.52	0.6	8	4	15	2.53
K972022		11.67	0.037	1.0	1.01	63	<10	190	1.0	<2	3.26	15.1	8	3	34	2.83
K972023		11.45	0.044	1.0	1.94	55	<10	50	1.3	<2	3.07	6.7	13	4	14	4.69
K972024		0.15	1.575	34.8	5.19	151	<10	30	<0.5	<2	4.93	36.8	86	59	7260	8.74
K972025		10.15	0.145	0.2	1.51	32	<10	170	0.9	<2	2.69	1.4	8	5	34	3.38
K972026		5.32	1.080	19.9	0.65	4090	<10	10	0.5	2	0.86	87.5	9	3	58	8.85
K972027		12.43	0.007	0.2	1.39	15	<10	190	0.8	<2	2.76	1.2	7	5	9	2.96
K972028		5.03	0.769	5.0	0.72	332	<10	10	0.6	<2	2.56	32.7	9	4	32	4.93
K972029		3.15	0.011	0.2	1.23	20	<10	160	0.9	<2	3.27	2.3	9	3	10	2.91
K972030		6.74	0.088	2.8	0.76	173	<10	10	0.8	2	2.99	27.1	11	3	54	4.42
K972031		6.62	0.672	5.1	0.99	3670	<10	<10	1.1	5	2.91	108.5	12	3	54	5.84
K972032		3.32	<0.005	<0.2	0.06	19	<10	30	<0.5	<2	20.8	0.6	1	<1	2	0.48
K972033		12.53	0.010	<0.2	1.50	17	<10	150	0.7	<2	2.49	1.2	7	8	11	3.11
K972034		6.04	0.090	2.5	0.88	312	<10	110	0.7	2	3.34	30.0	8	4	20	3.45
K972035		10.98	0.007	<0.2	1.60	6	<10	400	0.5	<2	2.15	0.9	6	10	8	3.00
K972036		5.49	0.056	1.2	0.85	82	<10	110	0.7	2	3.08	4.4	8	4	19	3.05
K972037		2.69	0.122	1.9	0.85	94	<10	120	0.8	4	3.21	3.2	6	4	20	3.13
K972038		10.60	0.010	0.2	1.51	6	<10	140	0.6	<2	2.71	0.8	6	7	14	2.60
K972039		11.39	0.010	0.2	1.56	7	<10	270	0.5	<2	2.26	0.9	8	9	22	2.92
K972040		6.52	0.011	0.3	1.61	12	<10	260	0.5	<2	2.09	1.0	7	9	12	3.14
K972041		6.78	0.008	<0.2	1.57	6	<10	300	0.5	<2	2.14	1.0	6	8	14	3.07
K972042		12.00	0.009	<0.2	1.75	6	<10	180	0.5	<2	2.69	0.9	9	7	24	3.33
K972043		7.00	0.007	<0.2	1.43	2	<10	510	0.6	<2	2.80	0.7	4	7	6	2.52
K972044		3.07	0.006	<0.2	1.23	4	<10	480	0.6	<2	2.98	0.7	6	8	11	2.14
K972045		4.13	2.60	18.2	1.72	332	<10	20	0.5	2	3.12	82.6	11	3	85	6.53
K972046		2.26	0.006	<0.2	0.04	<2	<10	10	<0.5	<2	20.6	<0.5	1	<1	1	0.44
K972047		12.55	0.016	0.2	1.93	9	<10	160	<0.5	<2	2.44	1.9	9	9	13	3.53
K972048		9.73	0.009	<0.2	1.05	7	<10	270	0.5	<2	2.33	0.9	8	8	7	2.27
K972049		11.98	<0.005	0.2	1.19	5	<10	760	0.5	<2	2.42	0.9	2	12	7	1.94
K972050		4.29	0.169	0.9	0.81	48	<10	250	0.6	3	3.07	1.4	2	5	20	2.01
K972051		7.95	<0.005	0.2	0.88	6	<10	290	<0.5	<2	3.00	0.8	12	7	4	1.95
K972052		0.10	1.465	31.0	4.82	152	<10	30	<0.5	<2	4.51	32.2	84	57	7090	8.00
K972053		11.49	0.005	<0.2	1.03	4	<10	850	0.5	<2	2.76	<0.5	4	8	17	1.50
K972054		12.46	<0.005	<0.2	2.12	11	<10	230	0.7	<2	3.18	<0.5	12	35	11	3.98
K972055		11.79	<0.005	<0.2	2.08	10	<10	530	<0.5	<2	3.38	<0.5	11	38	7	4.28
K972056		5.66	0.006	<0.2	1.14	15	<10	370	0.8	<2	3.27	<0.5	11	9	5	3.01

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CERTIFICATE OF ANALYSIS WH11182224

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972021		<10	<1	0.25	20	0.55	766	1	0.02	2	550	11	0.63	2	9	160
K972022		<10	<1	0.25	20	0.73	1055	<1	0.02	2	590	275	1.31	3	9	206
K972023		<10	<1	0.32	30	0.91	1140	1	0.03	2	700	233	2.62	2	8	245
K972024		10	1	0.24	<10	1.21	689	50	0.36	313	670	8910	7.69	29	5	81
K972025		<10	<1	0.27	20	0.76	758	1	0.02	3	560	54	1.44	<2	7	187
K972026		<10	1	0.42	10	0.25	1600	14	0.02	2	530	4140	9.87	32	2	51
K972027		<10	1	0.31	20	0.61	821	<1	0.03	2	600	49	1.45	<2	7	153
K972028		<10	1	0.41	10	0.35	1915	3	0.01	1	510	1550	5.12	11	3	130
K972029		<10	<1	0.30	20	0.42	899	<1	0.02	2	570	76	1.97	3	7	204
K972030		<10	<1	0.39	20	0.60	1635	2	0.02	2	590	601	4.36	7	4	161
K972031		<10	<1	0.39	20	0.41	1205	<1	0.01	4	560	748	6.22	14	4	157
K972032		<10	<1	0.03	<10	12.75	231	<1	0.02	1	170	4	0.05	<2	<1	48
K972033		<10	<1	0.24	20	0.73	608	6	0.06	2	550	22	1.57	2	6	137
K972034		<10	<1	0.46	20	0.73	1285	3	0.03	2	550	409	2.76	3	5	129
K972035		10	1	0.29	20	0.83	693	<1	0.10	2	580	27	0.62	<2	7	144
K972036		<10	<1	0.44	20	0.85	1075	1	0.02	2	610	75	2.26	2	6	129
K972037		<10	<1	0.44	20	0.88	1210	<1	0.03	2	570	79	2.26	3	6	133
K972038		<10	<1	0.36	20	0.69	668	1	0.08	1	590	24	1.17	2	6	166
K972039		10	<1	0.24	20	0.86	687	<1	0.09	1	560	27	1.14	2	6	117
K972040		10	<1	0.25	20	0.91	737	<1	0.11	2	580	34	1.05	<2	6	124
K972041		10	<1	0.27	20	0.88	780	1	0.09	2	640	28	0.79	2	6	143
K972042		10	<1	0.26	20	0.86	641	2	0.07	2	590	19	1.61	<2	5	139
K972043		10	<1	0.27	30	0.73	537	<1	0.06	3	550	17	0.63	2	5	142
K972044		<10	<1	0.32	30	0.55	482	<1	0.07	3	580	15	0.81	<2	4	148
K972045		<10	<1	0.40	10	1.24	2300	1	0.10	2	1110	4240	4.62	13	7	335
K972046		<10	<1	0.01	<10	12.60	216	<1	0.02	1	170	6	0.02	<2	<1	53
K972047		10	1	0.26	10	1.10	652	1	0.15	4	840	34	1.85	<2	5	167
K972048		<10	<1	0.37	20	0.64	534	2	0.05	4	540	18	0.98	<2	3	99
K972049		10	<1	0.28	30	0.68	529	<1	0.07	3	600	26	0.41	<2	4	149
K972050		<10	<1	0.44	20	0.50	1130	<1	0.03	2	530	44	0.90	<2	3	112
K972051		<10	<1	0.27	20	0.53	565	1	0.06	5	540	20	1.14	<2	4	93
K972052		10	1	0.24	<10	1.14	626	45	0.32	302	680	8150	7.09	24	4	76
K972053		<10	<1	0.34	30	0.59	496	<1	0.06	3	580	12	0.28	<2	4	139
K972054		10	<1	0.19	30	1.47	929	<1	0.07	3	1020	14	0.17	<2	14	254
K972055		10	<1	0.16	20	1.58	868	<1	0.18	3	1170	8	0.10	<2	12	262
K972056		<10	<1	0.35	20	0.95	702	<1	0.03	3	810	9	0.74	<2	7	163

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182224

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972021		<20	<0.01	<10	<10	29	<10	42	<1
K972022		<20	<0.01	<10	<10	23	<10	952	<1
K972023		20	<0.01	<10	<10	34	<10	456	<1
K972024		<20	0.06	<10	<10	319	<10	7410	30
K972025		20	<0.01	<10	<10	28	<10	102	<1
K972026		<20	<0.01	<10	<10	6	<10	5240	17
K972027		20	<0.01	<10	<10	23	<10	73	<1
K972028		<20	<0.01	<10	<10	7	<10	2150	4
K972029		20	<0.01	<10	<10	16	<10	147	<1
K972030		<20	<0.01	<10	<10	7	<10	1710	2
K972031		<20	<0.01	<10	<10	14	<10	6630	4
K972032		<20	<0.01	<10	<10	1	<10	49	<1
K972033		<20	<0.01	<10	<10	33	<10	76	<1
K972034		<20	<0.01	<10	<10	10	<10	1785	1
K972035		20	0.02	<10	<10	44	<10	65	<1
K972036		<20	<0.01	<10	<10	11	<10	307	<1
K972037		<20	<0.01	<10	<10	12	<10	225	1
K972038		20	<0.01	<10	<10	30	<10	79	<1
K972039		20	0.01	<10	<10	40	<10	70	<1
K972040		20	0.01	<10	<10	41	<10	87	<1
K972041		<20	0.02	<10	<10	48	<10	74	<1
K972042		20	0.01	<10	<10	39	<10	64	<1
K972043		20	<0.01	<10	<10	35	<10	50	<1
K972044		<20	<0.01	<10	<10	26	<10	43	<1
K972045		<20	0.03	<10	<10	59	<10	4570	16
K972046		<20	<0.01	<10	<10	1	<10	18	<1
K972047		<20	0.08	<10	<10	60	<10	150	<1
K972048		<20	<0.01	<10	<10	21	<10	48	<1
K972049		<20	<0.01	<10	<10	32	<10	65	<1
K972050		<20	<0.01	<10	<10	15	<10	128	<1
K972051		<20	<0.01	<10	<10	17	<10	52	<1
K972052		<20	0.05	<10	<10	313	10	7540	31
K972053		<20	<0.01	<10	<10	23	<10	48	<1
K972054		<20	0.01	<10	<10	110	<10	70	<1
K972055		<20	0.11	<10	<10	138	<10	57	<1
K972056		<20	<0.01	<10	<10	45	<10	48	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 7- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182225

Project: Klaza DDH- 52

P.O. No.: Batch 7

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11182225

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K972669		8.96	0.022	0.3	0.62	25	<10	60	0.7	<2	2.00	0.7	11	3	5	2.69
K972670		6.31	0.020	1.1	0.71	30	<10	20	0.6	2	1.83	5.7	8	4	4	3.58
K972671		10.42	0.014	0.4	0.87	16	<10	60	0.6	2	2.07	2.2	9	5	6	3.12
K972672		12.93	0.005	0.2	1.16	7	<10	230	0.5	<2	1.63	<0.5	9	7	5	2.95
K972673		13.07	<0.005	<0.2	1.21	5	<10	290	0.5	<2	1.69	<0.5	8	8	5	2.70
K972674		0.10	1.540	34.4	5.01	147	<10	40	<0.5	18	4.71	32.5	86	59	7500	8.36

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Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11182225

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972669		<10	<1	0.31	20	0.58	1030	1	0.02	1	570	39	2.06	2	4	104
K972670		<10	<1	0.30	10	0.57	1525	4	0.02	1	520	212	2.91	3	4	78
K972671		<10	1	0.30	20	0.63	827	1	0.04	1	560	89	1.87	<2	5	93
K972672		<10	<1	0.16	20	0.72	706	1	0.06	<1	590	12	0.80	2	6	72
K972673		10	<1	0.17	20	0.68	534	1	0.07	2	580	15	0.49	<2	6	96
K972674		10	1	0.25	10	1.20	644	48	0.36	312	690	8460	7.51	26	5	81

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Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11182225

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972669		<20	<0.01	<10	<10	11	<10	80	<1
K972670		<20	<0.01	<10	<10	15	<10	485	<1
K972671		<20	<0.01	<10	<10	22	<10	199	<1
K972672		<20	0.01	<10	<10	41	<10	56	1
K972673		20	0.01	<10	<10	41	<10	49	<1
K972674		<20	0.06	10	10	326	20	7580	31

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182226

Project: Klaza DDH- 41

P.O. No.: Batch 7

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182226

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972057		9.03	<0.005	<0.2	0.60	8	<10	120	0.5	2	2.71	<0.5	11	6	10	2.49
K972058		0.13	1.480	32.4	4.89	148	<10	40	<0.5	3	4.60	31.6	86	57	7280	8.18
K972059		11.28	<0.005	0.4	0.80	4	<10	220	0.5	<2	2.49	0.7	10	5	12	2.76
K972060		10.47	0.131	0.8	0.50	39	<10	80	<0.5	2	2.26	1.6	15	3	23	3.51
K972061		9.20	0.014	0.3	1.35	6	<10	60	0.5	<2	1.64	2.0	6	11	19	2.35
K972062		5.17	<0.005	0.2	1.43	4	<10	150	0.7	<2	1.57	<0.5	5	12	22	2.63

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182226

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972057		<10	1	0.32	20	0.60	724	<1	0.04	3	610	21	1.20	<2	2	115
K972058		10	2	0.24	10	1.16	629	48	0.35	305	680	8300	7.33	27	4	79
K972059		<10	<1	0.31	20	0.71	711	<1	0.04	2	610	45	1.29	<2	2	97
K972060		<10	<1	0.40	10	0.58	1365	<1	0.03	2	550	60	2.89	<2	2	62
K972061		10	1	0.24	30	0.69	448	<1	0.03	3	660	28	0.39	<2	3	123
K972062		10	1	0.18	20	0.75	413	<1	0.04	3	630	18	0.10	<2	4	152

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Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11182226

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972057		<20	<0.01	<10	<10	18	<10	53	<1
K972058		<20	0.06	<10	10	318	20	7430	30
K972059		<20	<0.01	<10	<10	18	<10	97	<1
K972060		<20	<0.01	<10	<10	9	<10	186	1
K972061		<20	<0.01	<10	<10	28	<10	233	<1
K972062		<20	0.01	<10	<10	35	<10	65	1

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Finalized Date: 19- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182227

Project: Klaza DDH- 45

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11182227

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972414		2.54	0.036	1.5	0.54	100	<10	150	0.9	2	1.81	5.1	8	3	46	2.79
K972415		2.93	0.005	0.5	0.63	51	<10	250	1.5	<2	2.56	1.1	7	3	12	2.26
K972416		5.93	<0.005	0.5	0.72	20	<10	440	1.4	2	1.09	0.5	1	2	8	0.46
K972417		5.45	<0.005	<0.2	0.74	20	<10	440	1.3	<2	1.79	<0.5	<1	1	1	0.48
K972418		0.11	1.515	33.1	4.99	149	<10	50	<0.5	9	4.64	34.0	89	60	7510	8.38
K972419		5.62	<0.005	<0.2	0.75	20	<10	430	1.2	2	1.44	<0.5	<1	1	11	0.36
K972420		3.56	<0.005	<0.2	0.69	22	<10	480	1.3	<2	0.76	<0.5	<1	1	1	0.36
K972421		1.77	0.009	<0.2	0.72	13	<10	420	1.5	2	1.16	0.8	1	1	1	0.59
K972422		1.69	0.042	3.0	0.76	30	<10	410	1.8	5	2.04	4.7	3	2	20	1.24
K972423		2.73	0.053	3.2	0.67	44	<10	510	1.6	5	2.12	4.7	3	2	26	1.19
K972424		1.97	0.059	0.3	0.78	27	<10	560	2.0	<2	3.48	1.0	6	5	5	2.57
K972425		1.92	0.048	0.4	0.74	93	<10	500	1.9	<2	2.72	2.1	9	4	12	2.72
K972426		2.36	<0.005	<0.2	0.05	<2	<10	30	<0.5	<2	19.4	<0.5	<1	<1	1	0.45
K972427		3.08	<0.005	0.3	0.76	60	<10	590	0.9	<2	2.14	<0.5	9	6	10	2.77
K972428		2.56	0.012	0.6	0.51	110	<10	590	0.9	<2	4.38	4.7	6	4	23	2.44
K972429		1.34	0.011	0.7	0.54	99	<10	530	1.0	<2	3.78	5.1	6	4	21	2.74
K972430		4.10	<0.005	<0.2	0.95	6	<10	420	0.6	<2	2.08	<0.5	6	7	2	2.34
K972431		1.96	<0.005	<0.2	0.54	6	<10	2350	0.6	2	3.50	<0.5	7	5	2	2.25
K972432		4.04	<0.005	<0.2	1.23	3	<10	500	<0.5	<2	1.49	<0.5	6	11	4	2.63
K972433		0.11	1.450	33.8	4.92	147	<10	50	<0.5	11	4.50	32.8	86	58	7440	8.11
K972434		5.98	<0.005	<0.2	1.30	7	<10	650	0.5	<2	1.30	<0.5	7	11	19	2.66
K972435		4.07	<0.005	<0.2	1.34	4	<10	620	<0.5	<2	1.27	<0.5	6	11	7	2.72
K972436		3.51	<0.005	<0.2	1.10	3	<10	600	0.5	<2	1.29	<0.5	7	10	7	2.79
K972437		3.25	<0.005	<0.2	0.91	4	<10	500	0.6	<2	2.30	<0.5	7	7	7	2.72
K972438		3.36	<0.005	<0.2	1.42	5	<10	530	0.5	<2	1.42	<0.5	7	11	7	2.92
K972439		5.58	<0.005	<0.2	1.23	4	<10	500	0.6	<2	2.12	<0.5	7	9	7	2.68
K972440		3.04	<0.005	<0.2	1.39	4	<10	590	0.5	<2	2.49	<0.5	7	9	14	2.89
K972441		1.61	<0.005	<0.2	0.95	5	<10	780	0.6	<2	2.80	<0.5	7	7	5	2.43
K972442		6.19	<0.005	<0.2	1.36	6	<10	530	<0.5	<2	1.44	<0.5	7	10	11	2.70
K972443		8.19	<0.005	<0.2	1.29	4	<10	490	<0.5	<2	1.42	<0.5	6	11	12	2.61
K972444		2.04	<0.005	<0.2	0.98	6	<10	390	0.5	<2	1.66	<0.5	7	9	11	2.60
K972445		1.76	<0.005	<0.2	0.61	13	<10	980	0.7	<2	4.09	1.5	6	3	3	2.47
K972446		1.92	0.044	0.7	0.50	92	<10	110	0.6	2	4.07	3.6	8	3	3	2.85
K972447		2.26	<0.005	<0.2	0.03	4	<10	30	<0.5	<2	19.5	<0.5	<1	<1	<1	0.47
K972448		2.08	<0.005	<0.2	0.99	23	<10	450	0.6	<2	2.16	<0.5	6	7	4	2.62
K972449		3.48	<0.005	<0.2	1.22	2	<10	500	<0.5	<2	1.57	<0.5	7	10	9	2.61

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11182227

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972414		<10	<1	0.34	20	0.40	3960	19	0.02	3	550	241	1.33	20	3	109
K972415		<10	1	0.35	20	0.38	2650	4	0.03	3	590	48	0.41	3	5	188
K972416		<10	<1	0.31	10	0.18	731	1	0.02	5	40	57	0.04	2	2	246
K972417		<10	<1	0.31	10	0.60	802	<1	0.02	1	20	22	0.01	<2	2	271
K972418		10	1	0.24	10	1.18	630	53	0.35	329	690	8770	7.44	29	4	80
K972419		<10	<1	0.32	10	0.28	628	<1	0.02	1	20	25	0.01	2	2	243
K972420		<10	1	0.30	10	0.18	570	<1	0.02	1	30	37	0.01	<2	2	224
K972421		<10	1	0.30	10	0.34	967	<1	0.02	1	40	51	0.02	<2	3	255
K972422		<10	<1	0.33	10	0.58	1590	2	0.02	2	120	179	0.07	4	4	311
K972423		<10	<1	0.29	10	0.59	1320	1	0.02	1	90	129	0.04	7	4	297
K972424		<10	1	0.33	10	0.97	1475	<1	0.03	2	510	29	0.04	<2	10	374
K972425		<10	<1	0.31	20	0.66	1370	4	0.03	3	510	119	0.27	6	9	281
K972426		<10	1	0.02	<10	12.50	211	<1	0.01	1	180	<2	0.02	<2	<1	49
K972427		<10	<1	0.32	20	0.63	1190	1	0.06	3	570	47	0.24	3	7	166
K972428		<10	<1	0.33	20	1.55	2410	1	0.02	2	460	133	0.52	10	4	157
K972429		<10	<1	0.33	20	1.12	2580	1	0.02	2	510	125	0.54	8	5	172
K972430		<10	1	0.24	20	0.61	785	<1	0.06	2	550	10	0.04	<2	7	160
K972431		<10	<1	0.33	20	0.97	1330	<1	0.03	3	560	16	0.10	<2	6	186
K972432		10	1	0.26	20	0.71	594	1	0.12	2	590	6	0.02	<2	6	93
K972433		10	1	0.23	10	1.15	613	51	0.34	326	690	8560	7.36	31	4	78
K972434		10	<1	0.37	20	0.71	571	<1	0.14	3	580	15	0.02	<2	6	92
K972435		<10	1	0.35	20	0.71	516	1	0.14	3	610	11	0.02	<2	6	79
K972436		<10	<1	0.34	20	0.67	567	1	0.13	2	630	10	0.02	<2	8	99
K972437		<10	<1	0.25	30	0.72	692	1	0.07	4	610	9	0.03	<2	9	173
K972438		<10	<1	0.26	20	0.74	593	<1	0.11	2	610	8	0.02	<2	7	132
K972439		<10	<1	0.25	30	0.74	674	<1	0.08	4	600	8	0.02	<2	7	152
K972440		10	1	0.22	30	0.84	798	<1	0.08	3	600	7	0.02	<2	7	134
K972441		<10	1	0.23	20	0.86	1045	<1	0.05	2	600	8	0.09	<2	6	149
K972442		<10	1	0.29	20	0.71	573	<1	0.12	2	580	7	0.04	<2	6	111
K972443		<10	<1	0.28	20	0.75	555	<1	0.10	2	570	6	0.02	<2	6	106
K972444		<10	<1	0.23	20	0.69	698	<1	0.08	2	570	10	0.03	2	6	119
K972445		<10	1	0.35	30	0.93	2710	<1	0.02	2	400	44	0.21	<2	4	174
K972446		<10	<1	0.33	20	1.17	4120	1	0.01	2	380	125	1.26	3	2	145
K972447		<10	1	0.01	<10	12.90	232	<1	0.02	1	180	<2	0.02	2	<1	48
K972448		<10	<1	0.36	20	0.70	1425	<1	0.06	2	580	8	0.12	<2	6	128
K972449		<10	<1	0.29	20	0.74	602	<1	0.09	3	590	6	0.01	<2	6	102

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VANCOUVER BC V6B 1L8

Finalized Date: 19- OCT- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11182227

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972414		<20	<0.01	<10	90	9	<10	566	1
K972415		<20	<0.01	<10	10	17	<10	155	<1
K972416		20	<0.01	<10	10	2	<10	49	1
K972417		20	<0.01	<10	<10	1	<10	48	<1
K972418		<20	0.06	<10	<10	328	<10	8180	30
K972419		20	<0.01	<10	<10	1	<10	39	<1
K972420		20	<0.01	<10	10	1	<10	30	<1
K972421		<20	<0.01	<10	<10	4	<10	101	<1
K972422		<20	<0.01	<10	<10	13	<10	265	3
K972423		<20	<0.01	<10	10	11	<10	284	4
K972424		<20	<0.01	<10	<10	46	<10	133	<1
K972425		<20	<0.01	<10	10	34	<10	212	1
K972426		<20	<0.01	<10	<10	1	<10	16	<1
K972427		<20	0.01	<10	<10	40	<10	87	<1
K972428		<20	<0.01	<10	10	13	<10	487	1
K972429		<20	<0.01	<10	10	16	<10	517	1
K972430		20	0.02	<10	<10	40	<10	57	1
K972431		<20	<0.01	<10	<10	23	<10	78	<1
K972432		20	0.09	<10	<10	57	10	49	<1
K972433		<20	0.06	<10	<10	321	10	7910	30
K972434		<20	0.12	<10	<10	64	<10	59	<1
K972435		20	0.14	<10	<10	66	<10	45	1
K972436		20	0.11	<10	<10	61	<10	46	1
K972437		<20	0.02	<10	<10	50	<10	50	<1
K972438		<20	0.07	<10	<10	62	<10	49	<1
K972439		<20	0.03	<10	<10	52	<10	49	<1
K972440		20	0.03	<10	<10	53	<10	54	<1
K972441		20	0.01	<10	<10	40	<10	55	1
K972442		20	0.12	<10	<10	60	<10	42	<1
K972443		<20	0.09	<10	<10	57	<10	41	<1
K972444		20	0.05	<10	<10	52	<10	54	1
K972445		20	<0.01	<10	<10	17	<10	175	<1
K972446		<20	<0.01	<10	10	7	<10	253	<1
K972447		<20	<0.01	<10	<10	1	<10	19	<1
K972448		<20	0.03	<10	<10	40	<10	65	<1
K972449		20	0.06	<10	<10	53	<10	50	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182228

Project: Klaza DDH- 52

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
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Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11182228

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K972248		9.75	<0.005		0.3	1.11	4	<10	180	<0.5	<2	1.33	0.6	6	8	3
K972249		4.00	0.006		0.6	1.09	10	<10	160	0.5	<2	1.35	0.8	6	7	9
K972250		4.48	0.187		16.9	0.67	192	<10	140	0.5	27	2.02	218	7	4	388
K972636		4.01	<0.005		0.3	1.02	10	<10	350	<0.5	<2	1.90	1.0	7	6	4
K972637		5.17	1.030		10.9	0.75	206	<10	40	<0.5	9	1.86	209	11	5	212
K972638		1.73	0.006		<0.2	0.05	<2	<10	10	<0.5	<2	19.7	<0.5	<1	<1	<1
K972639		5.95	0.186		7.2	0.73	1050	<10	400	0.5	12	1.90	7.8	6	4	65
K972640		6.37	0.015		1.0	0.78	33	<10	470	0.5	<2	1.94	<0.5	6	4	140
K972641		4.13	0.210		1.7	0.67	1790	<10	300	0.6	<2	1.78	25.0	6	4	19
K972642		1.75	<0.005		0.2	0.98	7	<10	320	<0.5	<2	1.70	<0.5	5	5	7
K972643		3.13	>10.0	31.1	>100	0.32	4230	<10	<10	<0.5	434	1.19	32.5	20	<1	1790
K972644		9.23	0.516		13.6	1.04	35	<10	260	<0.5	33	1.63	2.4	7	5	49
K972645		0.14	1.580		33.5	4.94	154	<10	40	<0.5	<2	4.72	33.6	87	55	7270
K972646		7.77	0.118		4.0	0.78	267	<10	270	0.6	4	1.51	6.3	5	4	92
K972647		11.51	0.023		0.7	0.95	146	<10	430	<0.5	<2	1.98	3.3	8	4	12
K972648		13.34	<0.005		0.4	0.89	7	<10	280	0.5	<2	1.64	0.5	6	5	3
K972649		12.39	<0.005		0.2	1.07	4	<10	160	<0.5	<2	1.34	<0.5	7	11	4
K972650		5.87	<0.005		0.3	0.97	7	<10	210	<0.5	<2	1.65	1.7	7	7	29
K972651		4.79	0.284		8.8	0.47	274	<10	50	0.6	<2	1.17	32.6	4	5	79
K972652		1.94	<0.005		<0.2	0.03	<2	<10	30	<0.5	<2	18.6	<0.5	1	1	1
K972653		11.52	0.025		0.4	0.69	16	<10	320	0.7	<2	2.06	5.1	6	5	10
K972654		11.75	<0.005		0.2	0.81	8	<10	720	0.7	<2	2.01	<0.5	5	6	27
K972655		7.51	0.024		0.8	0.57	43	<10	60	0.5	<2	1.71	1.0	19	4	11
K972656		5.71	0.205		2.6	0.43	221	<10	20	<0.5	3	1.18	1.8	218	3	13
K972657		4.99	0.067		1.9	0.54	64	<10	70	<0.5	3	1.18	4.0	28	4	8
K972658		10.54	0.030		3.1	0.45	37	<10	20	<0.5	5	1.72	2.6	21	3	39
K972659		13.43	0.023		1.5	0.58	38	<10	20	0.5	2	2.75	0.9	10	2	58
K972660		4.18	0.070		2.8	0.45	77	<10	10	0.5	3	2.42	10.2	17	4	11
K972661		4.63	0.013		0.3	0.55	15	<10	250	0.7	<2	2.02	0.6	5	4	16
K972662		7.96	0.301		2.2	0.48	142	<10	10	<0.5	2	1.48	9.0	93	3	15
K972663		8.03	0.020		1.3	0.54	28	<10	70	<0.5	3	1.34	3.3	14	3	2
K972664		4.66	0.010		0.5	0.61	7	<10	40	<0.5	<2	1.34	0.5	9	3	2
K972665		7.26	0.011		0.5	0.60	6	<10	30	0.5	2	1.13	<0.5	8	4	2
K972666		3.40	0.013		0.8	0.61	9	<10	30	<0.5	<2	1.34	<0.5	17	4	2
K972667		3.29	0.104		10.0	0.46	92	<10	20	<0.5	3	1.23	1.5	34	3	80
K972668		0.18	3.54		>100	0.17	>10000	<10	10	<0.5	<2	0.40	305	1	9	1505

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11182228

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K972248		2.87	10	<1	0.18	20	0.71	530	1	0.08	<1	580	21	0.06	<2	6
K972249		3.04	<10	<1	0.21	20	0.67	758	1	0.08	<1	590	33	0.13	2	6
K972250		4.17	<10	<1	0.31	10	0.69	1375	1	0.03	<1	540	483	1.84	13	5
K972636		2.96	<10	<1	0.25	20	0.72	868	2	0.08	<1	610	18	0.14	2	6
K972637		4.85	<10	<1	0.28	10	0.60	1575	1	0.05	<1	480	761	3.56	9	5
K972638		0.45	<10	<1	0.03	<10	12.20	202	1	0.02	<1	200	3	0.03	<2	<1
K972639		2.99	<10	<1	0.23	20	0.65	915	1	0.05	<1	530	99	0.67	19	6
K972640		2.67	<10	<1	0.21	20	0.69	627	1	0.04	<1	540	10	0.17	25	7
K972641		3.28	<10	1	0.28	10	0.57	2270	1	0.02	<1	500	154	0.83	13	6
K972642		2.55	<10	<1	0.20	20	0.64	529	1	0.07	<1	560	5	0.05	3	6
K972643		24.2	10	1	0.23	<10	0.44	1275	1	0.02	<1	220	1080	>10.0	112	2
K972644		3.16	<10	<1	0.24	20	0.66	834	1	0.07	<1	550	103	0.54	7	6
K972645		8.42	10	1	0.24	<10	1.18	630	46	0.36	319	700	8350	7.41	27	4
K972646		3.13	<10	<1	0.24	20	0.48	1795	1	0.04	<1	520	245	0.72	19	6
K972647		2.80	<10	<1	0.24	20	0.72	958	1	0.06	<1	540	113	0.48	3	5
K972648		2.65	<10	<1	0.17	20	0.54	512	1	0.05	<1	540	16	0.18	3	6
K972649		2.52	<10	<1	0.15	20	0.61	434	2	0.07	3	530	14	0.07	<2	4
K972650		2.80	<10	<1	0.22	20	0.54	601	1	0.07	1	560	49	0.54	<2	6
K972651		3.32	<10	<1	0.26	10	0.40	1940	4	0.01	1	430	1465	1.30	22	5
K972652		0.44	<10	<1	0.01	<10	11.65	203	1	0.01	<1	170	<2	0.04	<2	<1
K972653		2.86	<10	<1	0.22	20	0.61	879	2	0.02	<1	530	46	0.66	3	7
K972654		2.57	<10	<1	0.20	20	0.56	640	2	0.03	<1	560	9	0.38	6	8
K972655		3.24	<10	<1	0.29	10	0.50	777	2	0.01	1	520	77	2.02	3	5
K972656		11.85	<10	<1	0.32	<10	0.32	824	14	0.01	1	310	244	>10.0	4	2
K972657		3.78	<10	<1	0.37	<10	0.18	708	5	0.01	<1	1680	306	3.52	2	2
K972658		4.83	<10	<1	0.30	<10	0.51	998	7	0.01	<1	520	128	4.60	10	2
K972659		4.12	<10	<1	0.30	10	0.81	1225	2	0.01	1	620	34	3.75	14	3
K972660		5.17	<10	<1	0.26	<10	0.71	1715	19	0.01	1	370	446	4.55	9	3
K972661		2.19	<10	<1	0.28	20	0.58	910	6	0.01	1	520	44	0.87	3	6
K972662		8.74	<10	1	0.33	<10	0.40	820	17	0.01	1	440	252	>10.0	6	2
K972663		4.17	<10	<1	0.38	<10	0.37	858	5	0.01	1	580	101	4.11	2	2
K972664		3.18	<10	<1	0.33	10	0.47	542	7	0.01	1	500	29	2.89	2	2
K972665		3.34	<10	<1	0.34	10	0.44	398	5	0.01	1	520	20	3.26	2	1
K972666		3.27	<10	<1	0.37	10	0.49	574	6	0.01	1	520	21	3.05	2	2
K972667		5.89	<10	<1	0.32	10	0.38	940	21	0.01	1	470	107	6.45	30	2
K972668		13.2	<10	1	0.07	<10	0.16	1385	2	0.01	8	130	>10000	>10.0	532	1

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1016 - 510 W HASTINGS STREET
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Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 52

CERTIFICATE OF ANALYSIS WH11182228

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K972248		59	<20	0.08	<10	<10	52	<10	56	<1		
K972249		62	<20	0.05	<10	<10	48	<10	78	<1		
K972250		87	<20	<0.01	<10	<10	27	<10	>10000	15		1.360
K972636		91	20	0.02	<10	<10	43	<10	88	<1		
K972637		77	<20	0.01	<10	<10	30	<10	>10000	10		1.510
K972638		47	<20	<0.01	<10	<10	2	<10	37	<1		
K972639		89	<20	0.01	<10	<10	31	<10	641	7		
K972640		92	<20	0.01	<10	<10	38	<10	50	<1		
K972641		81	<20	<0.01	<10	<10	25	<10	1795	1		
K972642		89	<20	0.01	<10	<10	41	<10	40	<1		
K972643		34	<20	<0.01	<10	<10	12	<10	2350	208		
K972644		72	<20	0.01	<10	<10	39	<10	217	13		
K972645		80	<20	0.06	<10	<10	325	<10	7550	30		
K972646		82	<20	<0.01	<10	<10	32	<10	501	3		
K972647		81	<20	0.02	<10	<10	37	<10	251	<1		
K972648		79	<20	0.02	<10	<10	42	<10	48	<1		
K972649		52	<20	0.07	<10	<10	48	<10	35	<1		
K972650		67	<20	0.01	<10	<10	38	<10	125	<1		
K972651		71	<20	<0.01	<10	<10	16	<10	2400	8		
K972652		50	<20	<0.01	<10	10	1	<10	22	<1		
K972653		102	<20	<0.01	<10	<10	28	<10	402	<1		
K972654		113	<20	<0.01	<10	<10	34	<10	45	<1		
K972655		72	<20	<0.01	<10	<10	19	<10	98	1		
K972656		32	<20	<0.01	<10	<10	7	<10	180	3		
K972657		27	<20	<0.01	<10	<10	7	<10	319	1		
K972658		44	<20	<0.01	<10	<10	7	<10	210	4		
K972659		80	<20	<0.01	<10	<10	8	<10	102	2		
K972660		72	<20	<0.01	<10	<10	10	<10	844	2		
K972661		100	<20	<0.01	<10	<10	20	<10	80	<1		
K972662		44	<20	<0.01	<10	30	7	<10	666	2		
K972663		40	<20	<0.01	<10	<10	5	<10	257	2		
K972664		72	<20	<0.01	<10	<10	7	<10	62	<1		
K972665		54	<20	<0.01	<10	<10	5	<10	33	1		
K972666		47	<20	<0.01	<10	<10	6	<10	41	1		
K972667		36	<20	<0.01	<10	<10	6	<10	117	10		
K972668		21	<20	<0.01	<10	<10	7	140	>10000	413	2.92	3.50

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182371

Project: Klaza

P.O. No.:

This report is for 164 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012001		0.12	0.004	0.6	1.11	6	<10	230	<0.5	<2	0.41	<0.5	3	9	16	1.62
DD012002		0.20	0.005	0.6	1.96	14	<10	550	0.5	<2	0.58	<0.5	8	21	23	3.24
DD012003		0.14	0.007	0.7	1.75	7	<10	570	0.6	<2	0.89	<0.5	8	20	32	2.23
DD012004		0.26	0.003	<0.2	1.19	7	<10	310	<0.5	<2	0.49	<0.5	6	16	16	2.05
DD012005		0.12	0.007	0.5	2.24	11	<10	410	0.5	<2	0.75	<0.5	5	28	39	2.58
DD012006		0.12	0.028	1.7	1.99	18	<10	390	0.5	<2	1.01	<0.5	7	28	33	2.84
DD012007		0.10	0.036	1.1	2.15	12	<10	450	0.8	<2	1.11	<0.5	6	30	55	2.62
DD012008		0.10	0.005	0.4	1.67	11	<10	420	<0.5	<2	1.04	<0.5	7	24	32	2.27
DD012009		0.24	0.019	0.6	1.47	33	<10	310	0.5	<2	0.48	<0.5	8	24	27	2.24
DD012010		0.12	0.008	0.3	1.60	27	<10	250	0.5	<2	0.89	<0.5	6	24	27	2.51
DD012011		0.18	0.005	<0.2	1.18	10	<10	190	<0.5	<2	0.71	0.5	5	17	18	1.25
DD012012		0.14	NSS	0.3	1.26	20	<10	270	0.5	<2	0.65	<0.5	5	15	21	1.80
DD012013		0.20	0.005	0.9	1.44	15	<10	250	0.6	2	0.39	<0.5	7	20	26	2.17
DD012014		0.12	0.003	0.2	1.42	4	<10	250	<0.5	<2	0.43	<0.5	6	20	18	1.87
DD012015		0.22	0.004	0.4	1.56	7	<10	180	0.5	<2	0.31	<0.5	6	21	23	1.94
DD012016		0.16	0.007	1.1	1.51	12	<10	290	0.8	<2	0.57	0.6	7	18	34	2.27
DD012017		0.16	0.008	0.6	1.49	18	<10	190	0.5	2	0.56	<0.5	7	16	17	2.30
DD012018		0.18	0.004	0.7	1.25	24	<10	200	0.8	<2	0.36	<0.5	5	17	29	2.42
DD012019		0.18	0.005	0.9	1.53	16	<10	320	0.9	2	0.63	<0.5	5	22	22	2.54
DD012020		0.14	0.023	0.8	1.47	9	<10	300	0.7	<2	0.64	0.7	6	23	20	2.34
DD012021		0.20	0.005	0.7	1.09	4	<10	180	0.9	<2	0.39	<0.5	4	14	23	1.80
DD012022		0.16	0.002	0.4	1.28	10	<10	230	0.5	<2	0.42	<0.5	5	19	18	2.14
DD012023		0.14	0.004	0.3	1.11	6	<10	60	<0.5	<2	0.14	<0.5	4	18	10	2.42
DD012024		0.10	0.004	<0.2	1.63	11	<10	130	<0.5	<2	0.23	<0.5	5	19	15	2.36
DD012025		0.12	0.004	0.2	1.59	9	<10	230	0.7	<2	0.45	<0.5	8	19	27	2.31
DD012026		0.22	0.003	<0.2	2.02	7	<10	260	0.6	2	0.73	<0.5	9	29	19	2.90
DD012027		0.10	0.008	<0.2	1.61	10	<10	260	0.5	<2	1.20	<0.5	8	20	26	2.26
DD012028		0.22	0.002	0.3	1.66	11	<10	170	<0.5	<2	0.42	<0.5	6	21	20	2.17
DD012029		0.20	0.004	0.2	1.57	8	<10	210	<0.5	<2	0.42	<0.5	6	24	23	1.92
DD012030		0.26	0.005	0.2	1.95	13	<10	190	0.5	<2	0.39	<0.5	7	25	23	2.64
DD012031		0.24	0.004	0.5	2.31	8	<10	460	0.8	<2	0.39	0.5	8	26	40	2.54
DD012032		0.32	0.002	<0.2	1.39	5	<10	140	<0.5	<2	0.36	<0.5	4	20	11	1.66
DD012033		0.20	0.005	0.2	1.44	42	<10	180	0.5	2	0.23	<0.5	8	19	25	2.76
DD012034		0.22	0.009	0.5	1.83	13	<10	240	0.7	3	0.72	<0.5	7	22	55	2.34
DD012035		0.12	0.002	<0.2	0.85	9	<10	50	<0.5	2	0.15	<0.5	3	16	11	1.91
DD012036		0.12	0.004	<0.2	0.71	9	<10	70	<0.5	2	0.13	<0.5	4	13	14	1.79
DD012037		0.12	0.003	<0.2	1.48	45	<10	100	<0.5	<2	0.19	<0.5	10	19	16	3.28
DD012038		0.16	0.002	0.3	2.06	7	<10	970	0.8	<2	0.92	<0.5	6	18	25	3.23
DD012039		0.20	0.001	<0.2	1.36	8	<10	490	0.5	<2	0.63	<0.5	6	20	20	2.21
DD012040		0.22	0.006	<0.2	1.95	4	<10	420	0.9	<2	0.72	0.5	7	17	31	2.05

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012001		<10	<1	0.07	10	0.16	204	<1	0.03	5	750	4	0.06	<2	3	35
DD012002		10	<1	0.16	20	0.42	495	1	0.01	10	750	20	0.05	<2	9	48
DD012003		10	1	0.08	30	0.35	679	1	0.01	11	1050	12	0.08	<2	6	75
DD012004		<10	<1	0.08	20	0.31	304	<1	0.02	9	640	7	0.03	<2	5	37
DD012005		10	<1	0.10	20	0.51	184	1	0.01	13	1320	16	0.11	<2	5	73
DD012006		10	1	0.09	10	0.43	402	2	0.01	17	1170	28	0.11	<2	5	85
DD012007		10	1	0.10	50	0.51	219	2	0.01	14	1560	16	0.14	<2	5	88
DD012008		<10	1	0.09	20	0.41	425	2	0.01	13	1170	12	0.11	<2	4	75
DD012009		<10	<1	0.08	10	0.43	559	2	0.01	12	600	69	0.03	<2	5	33
DD012010		<10	1	0.07	10	0.47	388	1	0.02	11	900	16	0.08	<2	4	66
DD012011		<10	1	0.06	10	0.33	126	1	0.01	8	700	9	0.08	2	2	48
DD012012		<10	<1	0.06	10	0.27	373	1	0.01	8	680	13	0.06	<2	3	38
DD012013		<10	1	0.06	10	0.35	797	1	0.02	8	850	14	0.05	<2	4	32
DD012014		<10	<1	0.05	10	0.37	637	1	0.01	10	770	11	0.06	<2	3	33
DD012015		<10	<1	0.06	10	0.44	571	1	0.02	10	720	17	0.05	<2	3	23
DD012016		<10	1	0.10	20	0.38	1255	2	0.02	9	870	24	0.06	2	4	34
DD012017		<10	1	0.13	10	0.45	776	1	0.03	9	590	20	0.04	<2	4	31
DD012018		<10	1	0.09	20	0.33	955	2	0.01	9	470	25	0.02	6	3	22
DD012019		<10	1	0.10	20	0.39	639	1	0.01	12	440	22	0.03	3	3	29
DD012020		<10	1	0.11	10	0.40	835	2	0.01	11	830	42	0.06	<2	3	36
DD012021		<10	<1	0.07	20	0.19	393	1	0.02	7	520	9	0.04	<2	3	23
DD012022		<10	<1	0.07	20	0.31	404	1	0.01	10	640	9	0.03	<2	2	29
DD012023		10	<1	0.07	10	0.24	222	1	<0.01	7	290	14	0.01	<2	2	14
DD012024		10	<1	0.10	10	0.37	236	1	0.01	9	310	12	0.02	<2	3	23
DD012025		10	<1	0.11	10	0.36	629	1	0.03	11	470	16	0.02	<2	3	32
DD012026		10	1	0.14	20	0.70	710	1	0.03	14	670	12	0.04	<2	6	44
DD012027		<10	1	0.08	20	0.47	608	<1	0.05	11	880	9	0.12	<2	4	64
DD012028		10	<1	0.07	10	0.44	389	<1	0.02	10	680	13	0.06	<2	3	31
DD012029		<10	<1	0.07	10	0.45	229	1	0.01	11	670	15	0.05	<2	4	26
DD012030		10	<1	0.09	10	0.53	293	1	0.01	12	740	23	0.03	<2	4	24
DD012031		10	1	0.10	20	0.53	508	<1	0.02	15	580	25	0.05	3	7	27
DD012032		<10	<1	0.09	10	0.44	158	<1	0.01	13	610	10	0.03	<2	3	20
DD012033		10	<1	0.09	10	0.44	555	2	0.01	11	340	16	0.01	3	4	17
DD012034		10	<1	0.10	40	0.45	317	1	0.02	11	800	30	0.06	2	5	33
DD012035		10	<1	0.07	10	0.21	184	1	0.01	7	180	13	0.01	<2	2	15
DD012036		10	<1	0.06	10	0.16	364	1	<0.01	6	250	23	0.01	2	2	11
DD012037		10	<1	0.11	10	0.44	826	1	0.01	11	410	30	0.01	<2	4	15
DD012038		10	1	0.14	30	0.30	461	1	0.02	9	1240	13	0.07	<2	11	73
DD012039		<10	1	0.10	20	0.42	339	<1	0.02	10	540	10	0.04	<2	4	44
DD012040		10	1	0.11	60	0.47	255	<1	0.03	9	690	14	0.07	<2	9	39

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012001		<20	0.03	<10	<10	34	<10	40
DD012002		<20	0.03	<10	<10	61	<10	90
DD012003		<20	0.03	<10	<10	49	<10	65
DD012004		<20	0.06	<10	<10	48	<10	48
DD012005		<20	0.06	<10	<10	69	<10	84
DD012006		<20	0.05	<10	<10	57	<10	80
DD012007		<20	0.04	<10	<10	57	<10	85
DD012008		<20	0.05	<10	<10	50	<10	67
DD012009		<20	0.05	<10	<10	47	<10	91
DD012010		<20	0.05	<10	<10	51	<10	105
DD012011		<20	0.04	<10	<10	30	<10	64
DD012012		<20	0.04	<10	<10	36	<10	61
DD012013		<20	0.04	<10	<10	45	<10	67
DD012014		<20	0.05	<10	<10	39	<10	57
DD012015		<20	0.06	<10	<10	43	<10	63
DD012016		<20	0.06	<10	<10	46	<10	107
DD012017		<20	0.07	<10	<10	44	<10	131
DD012018		<20	0.05	<10	<10	38	<10	102
DD012019		<20	0.06	<10	<10	43	<10	90
DD012020		<20	0.05	<10	<10	46	<10	149
DD012021		<20	0.04	<10	<10	39	<10	52
DD012022		<20	0.07	<10	<10	48	<10	54
DD012023		<20	0.09	<10	<10	67	<10	40
DD012024		<20	0.09	<10	<10	62	<10	46
DD012025		<20	0.07	<10	<10	56	<10	62
DD012026		<20	0.08	<10	<10	65	<10	76
DD012027		<20	0.07	<10	<10	60	<10	54
DD012028		<20	0.05	<10	<10	48	<10	51
DD012029		<20	0.04	<10	<10	47	<10	53
DD012030		<20	0.06	<10	<10	55	<10	63
DD012031		<20	0.03	<10	<10	58	<10	95
DD012032		<20	0.06	<10	<10	36	<10	52
DD012033		<20	0.07	<10	<10	50	<10	61
DD012034		<20	0.06	<10	<10	50	<10	61
DD012035		<20	0.11	<10	<10	65	<10	38
DD012036		<20	0.06	<10	<10	51	<10	63
DD012037		<20	0.07	<10	<10	60	<10	88
DD012038		<20	0.02	<10	<10	65	<10	80
DD012039		<20	0.07	<10	<10	48	<10	49
DD012040		<20	0.06	<10	<10	82	<10	61

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012041		0.16	0.007	<0.2	1.30	<2	<10	460	0.5	<2	0.53	<0.5	4	19	18	1.51
DD012042		0.40	0.007	<0.2	0.59	2	<10	150	<0.5	<2	0.38	<0.5	4	10	4	1.02
DD012043		0.32	0.003	<0.2	1.41	<2	<10	600	0.5	<2	0.51	1.0	6	27	29	1.59
DD012044		0.34	0.002	0.5	0.96	79	<10	750	1.0	<2	0.54	4.6	10	5	7	3.74
DD012045		0.16	0.001	<0.2	0.97	5	<10	110	<0.5	<2	0.22	<0.5	3	15	15	1.82
DD012046		0.22	0.001	<0.2	1.74	5	<10	390	<0.5	<2	0.32	<0.5	6	12	11	3.13
DD012047		0.30	0.002	<0.2	1.74	22	<10	320	0.8	2	0.26	<0.5	9	21	30	3.77
DD012048		0.18	0.002	<0.2	2.67	12	<10	330	0.7	<2	0.36	<0.5	11	41	26	3.71
DD012049		0.26	0.006	<0.2	1.67	9	<10	300	<0.5	<2	0.31	<0.5	7	24	11	3.12
DD012050		0.16	<0.001	<0.2	1.13	6	<10	230	<0.5	<2	0.32	<0.5	5	19	11	2.20
DD012051		0.28	0.002	<0.2	1.94	10	<10	750	1.1	<2	0.73	<0.5	8	27	28	2.83
DD012052		0.14	0.002	0.7	1.10	2	<10	320	<0.5	<2	0.53	<0.5	3	16	61	1.41
DD012053		0.18	0.006	<0.2	1.27	8	<10	180	<0.5	<2	0.37	<0.5	5	25	13	2.45
DD012054		0.14	<0.001	<0.2	1.38	5	<10	170	<0.5	<2	0.29	<0.5	10	19	49	2.39
DD012055		0.16	0.004	<0.2	1.25	4	<10	200	<0.5	<2	0.41	<0.5	4	18	21	1.32
DD012056		0.22	0.008	<0.2	0.99	10	<10	160	<0.5	<2	0.48	<0.5	6	17	13	2.07
DD012057		0.28	0.003	0.2	1.22	11	<10	230	<0.5	<2	0.49	0.5	7	19	16	2.17
DD012058		0.20	0.006	0.2	1.15	6	<10	220	<0.5	<2	0.45	<0.5	5	17	17	1.49
DD012059		0.18	0.003	<0.2	1.65	10	<10	230	<0.5	<2	0.46	<0.5	6	25	17	2.11
DD012060		0.24	0.003	0.2	1.61	11	<10	360	<0.5	<2	0.41	0.6	5	23	25	1.49
DD012061		0.24	0.001	0.2	1.23	11	<10	250	<0.5	<2	0.35	<0.5	5	20	24	1.76
DD012062		0.26	0.002	0.3	1.48	7	<10	420	0.5	<2	0.46	0.7	5	25	24	1.41
DD012063		0.20	0.002	0.2	1.34	9	<10	230	<0.5	<2	0.47	<0.5	5	21	25	1.61
DD012064		0.14	0.001	0.2	1.25	8	<10	420	0.5	<2	0.75	0.9	4	17	42	1.46
DD012065		0.14	0.002	0.4	1.35	9	<10	330	0.5	<2	0.49	0.6	4	19	38	1.32
DD012066		0.16	0.002	0.2	1.10	3	<10	310	<0.5	<2	0.71	<0.5	4	18	13	1.13
DD012067		0.16	0.001	<0.2	1.08	4	<10	360	<0.5	<2	0.48	<0.5	5	18	15	2.06
DD012068		0.20	0.003	0.3	1.32	4	<10	440	<0.5	<2	0.46	<0.5	4	15	13	2.00
DD012069		0.20	0.001	0.2	1.00	4	<10	330	<0.5	<2	0.45	<0.5	14	14	10	2.24
DD012070		0.26	0.005	<0.2	1.93	11	<10	970	0.8	<2	0.88	<0.5	11	23	29	3.43
DD012071		0.16	0.002	0.3	1.38	6	<10	570	<0.5	<2	0.83	<0.5	5	19	22	2.22
DD012072		0.24	0.004	<0.2	1.50	7	<10	300	<0.5	<2	0.42	<0.5	8	22	12	2.20
DD012073		0.32	<0.001	<0.2	1.70	11	<10	290	<0.5	<2	0.55	<0.5	8	24	21	2.73
DD012074		0.22	0.006	<0.2	1.44	9	<10	360	<0.5	<2	0.51	<0.5	9	23	18	2.59
DD012075		0.22	0.005	<0.2	1.60	10	<10	400	<0.5	<2	0.44	<0.5	8	26	23	2.54
DD012076		0.24	0.001	<0.2	1.50	10	<10	330	0.5	<2	0.38	<0.5	7	25	19	2.39
DD012077		0.18	0.002	<0.2	1.74	8	<10	590	0.5	<2	0.63	<0.5	10	20	24	3.25
DD012078		0.30	0.040	0.2	1.31	9	<10	270	<0.5	<2	0.41	<0.5	9	21	21	2.32
DD012079		0.30	0.003	<0.2	1.69	11	<10	320	<0.5	<2	0.47	<0.5	7	25	21	2.62
DD012080		0.14	0.003	0.4	1.84	6	<10	380	0.6	<2	0.48	<0.5	6	24	23	2.46

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012041		<10	<1	0.06	30	0.31	183	<1	0.02	8	680	9	0.10	<2	7	32
DD012042		<10	<1	0.03	20	0.19	183	<1	0.01	4	880	4	0.01	<2	2	19
DD012043		<10	<1	0.05	20	0.33	184	<1	0.01	11	650	12	0.11	<2	6	35
DD012044		<10	2	0.19	20	0.12	1655	3	0.01	4	620	200	0.02	7	9	35
DD012045		10	<1	0.05	10	0.17	95	<1	0.02	5	320	9	<0.01	<2	2	21
DD012046		10	<1	0.06	10	0.45	372	1	0.01	3	300	11	<0.01	<2	5	25
DD012047		10	1	0.12	10	0.38	468	2	0.01	10	430	15	0.01	<2	6	22
DD012048		10	<1	0.11	10	0.63	390	1	0.01	20	620	11	0.01	<2	6	33
DD012049		10	1	0.09	10	0.58	380	1	0.01	10	330	10	<0.01	2	6	23
DD012050		10	<1	0.07	10	0.39	303	<1	0.01	8	280	9	<0.01	<2	3	26
DD012051		<10	<1	0.11	80	0.48	380	1	0.01	15	950	13	0.05	<2	9	54
DD012052		<10	1	0.02	10	0.16	57	<1	0.01	7	1460	7	0.10	<2	1	48
DD012053		10	<1	0.06	10	0.45	204	1	0.01	10	470	8	0.01	<2	3	27
DD012054		10	<1	0.05	10	0.28	739	3	0.02	10	500	11	0.02	<2	2	30
DD012055		<10	1	0.04	10	0.35	144	<1	0.02	8	790	17	0.04	<2	3	30
DD012056		<10	<1	0.05	10	0.33	272	<1	0.02	8	950	17	0.02	<2	3	37
DD012057		<10	<1	0.05	10	0.38	603	1	0.02	10	890	19	0.03	<2	4	44
DD012058		<10	1	0.04	10	0.35	248	<1	0.02	9	680	18	0.03	<2	3	41
DD012059		<10	<1	0.06	10	0.46	510	1	0.02	11	700	20	0.02	2	4	37
DD012060		<10	<1	0.07	20	0.40	324	1	0.02	10	560	28	0.06	<2	5	31
DD012061		<10	<1	0.06	10	0.33	377	1	0.03	13	540	20	0.04	<2	4	27
DD012062		<10	<1	0.06	20	0.38	212	1	0.02	12	640	27	0.08	2	5	36
DD012063		<10	<1	0.07	10	0.40	194	1	0.03	10	560	21	0.06	<2	4	37
DD012064		<10	1	0.05	10	0.26	293	1	0.03	11	880	15	0.15	<2	3	58
DD012065		<10	<1	0.05	10	0.29	212	1	0.03	10	800	16	0.10	<2	3	38
DD012066		<10	<1	0.05	10	0.31	254	<1	0.02	8	730	12	0.09	<2	3	36
DD012067		<10	<1	0.05	10	0.31	263	<1	0.02	9	730	8	0.05	<2	4	24
DD012068		<10	<1	0.09	30	0.31	174	<1	0.01	6	490	11	0.04	<2	7	24
DD012069		<10	<1	0.09	10	0.34	1100	<1	0.02	6	620	7	0.02	<2	4	23
DD012070		10	<1	0.13	20	0.43	753	1	0.01	12	1050	14	0.05	<2	9	51
DD012071		<10	<1	0.09	20	0.31	329	1	0.03	9	660	8	0.05	<2	4	53
DD012072		<10	<1	0.07	20	0.53	355	<1	0.02	11	500	8	0.02	<2	5	24
DD012073		10	<1	0.08	10	0.49	395	<1	0.02	13	780	10	0.04	<2	3	38
DD012074		10	<1	0.08	10	0.56	484	<1	0.02	11	530	9	0.03	<2	4	34
DD012075		<10	<1	0.08	20	0.52	404	<1	0.02	14	480	11	0.02	<2	5	29
DD012076		<10	<1	0.08	20	0.50	300	<1	0.03	13	350	10	0.02	<2	5	26
DD012077		10	1	0.12	10	0.59	774	1	0.03	11	890	11	0.06	<2	6	51
DD012078		<10	<1	0.12	10	0.48	627	<1	0.02	14	660	11	0.02	<2	5	26
DD012079		10	<1	0.11	10	0.50	278	1	0.02	12	870	13	0.04	<2	5	37
DD012080		10	<1	0.10	30	0.44	372	<1	0.03	12	890	12	0.06	<2	8	38

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CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD012041		<20	0.04	<10	<10	45	<10	72
DD012042		<20	0.04	<10	<10	25	<10	30
DD012043		<20	0.05	<10	<10	55	<10	59
DD012044		<20	<0.01	<10	<10	34	<10	388
DD012045		<20	0.08	<10	<10	54	<10	25
DD012046		<20	0.05	<10	<10	78	<10	54
DD012047		<20	0.05	<10	<10	73	<10	74
DD012048		<20	0.10	<10	<10	79	<10	79
DD012049		<20	0.08	<10	<10	70	<10	56
DD012050		<20	0.08	<10	<10	56	<10	42
DD012051		<20	0.04	<10	<10	56	<10	51
DD012052		<20	0.01	<10	<10	25	<10	11
DD012053		<20	0.09	<10	<10	65	<10	43
DD012054		<20	0.06	<10	<10	60	<10	35
DD012055		<20	0.04	<10	<10	44	<10	57
DD012056		<20	0.04	<10	<10	49	<10	61
DD012057		<20	0.04	<10	<10	46	<10	89
DD012058		<20	0.05	<10	<10	44	<10	69
DD012059		<20	0.06	<10	<10	50	<10	68
DD012060		<20	0.06	<10	<10	46	<10	86
DD012061		<20	0.06	<10	10	44	<10	67
DD012062		<20	0.06	<10	10	52	<10	84
DD012063		<20	0.06	<10	<10	44	<10	77
DD012064		<20	0.04	<10	10	38	<10	64
DD012065		<20	0.04	<10	10	46	<10	69
DD012066		<20	0.04	<10	<10	24	<10	68
DD012067		<20	0.05	<10	<10	31	<10	51
DD012068		<20	0.03	<10	<10	53	<10	59
DD012069		<20	0.05	<10	<10	45	<10	55
DD012070		<20	0.02	<10	<10	65	<10	88
DD012071		<20	0.05	<10	<10	52	<10	58
DD012072		<20	0.07	<10	<10	49	<10	51
DD012073		<20	0.07	<10	<10	60	<10	58
DD012074		<20	0.09	<10	<10	61	<10	66
DD012075		<20	0.07	<10	<10	56	<10	52
DD012076		<20	0.07	<10	<10	52	<10	48
DD012077		<20	0.06	<10	<10	67	<10	91
DD012078		<20	0.09	<10	<10	54	<10	54
DD012079		<20	0.07	<10	<10	60	<10	73
DD012080		<20	0.05	<10	<10	56	<10	72

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012081		0.22	0.002	0.2	1.79	9	<10	250	<0.5	<2	0.45	<0.5	8	27	20	2.55
DD012082		0.22	0.001	0.2	1.77	8	<10	200	<0.5	<2	0.42	<0.5	7	26	20	2.34
DD012083		0.28	0.008	<0.2	1.60	12	<10	220	<0.5	<2	0.49	<0.5	9	24	17	2.81
DD012084		0.26	0.015	<0.2	1.58	20	<10	190	<0.5	<2	0.44	<0.5	7	30	18	2.38
DD012085		0.24	0.005	0.2	1.75	30	<10	190	<0.5	2	0.45	<0.5	8	25	12	2.69
DD012086		0.36	0.006	<0.2	1.33	15	<10	140	<0.5	<2	0.35	<0.5	6	22	11	1.92
DD012087		0.24	0.014	0.4	1.65	42	<10	200	<0.5	2	0.43	<0.5	9	28	22	2.30
DD012088		0.34	0.003	0.2	1.56	13	<10	160	<0.5	2	0.37	<0.5	8	27	17	2.16
DD012089		0.22	0.009	0.2	1.72	37	<10	210	<0.5	2	0.43	<0.5	9	27	21	2.72
DD012090		0.34	0.003	0.2	1.74	17	<10	200	<0.5	2	0.38	<0.5	11	29	23	2.49
DD012091		0.14	0.003	0.3	1.68	9	<10	330	0.5	2	0.59	<0.5	7	28	34	1.78
DD012092		0.22	0.002	<0.2	0.91	6	<10	160	<0.5	2	0.38	<0.5	5	15	15	1.93
DD012093		0.24	0.003	0.3	1.46	5	<10	240	<0.5	3	0.40	<0.5	6	22	17	1.70
DD012094		0.16	0.005	0.6	1.70	15	<10	220	0.7	3	0.35	<0.5	7	21	34	2.35
DD012095		0.28	0.003	1.0	1.58	34	<10	200	0.8	4	0.34	0.7	12	17	35	3.95
DD012096		0.10	0.001	0.7	0.78	4	<10	110	<0.5	<2	0.32	<0.5	3	10	17	1.27
DD012097		0.18	0.002	2.3	1.30	20	<10	310	0.7	3	0.23	0.8	7	18	36	2.86
DD012098		0.32	0.009	<0.2	1.92	5	<10	360	0.5	<2	0.48	<0.5	4	26	13	1.85
DD012099		0.16	0.002	<0.2	1.59	3	<10	280	0.5	<2	0.31	<0.5	3	20	20	1.59
DD012100		0.16	0.007	<0.2	1.74	6	<10	460	<0.5	<2	0.56	<0.5	7	39	21	2.22
DD012111		0.22	0.002	<0.2	1.18	3	<10	300	<0.5	<2	0.66	<0.5	10	33	18	2.58
DD012112		0.26	0.002	<0.2	1.16	9	<10	230	<0.5	<2	0.36	<0.5	7	22	10	2.62
DD012113		0.40	0.013	<0.2	1.41	8	<10	310	0.5	<2	0.39	<0.5	6	21	14	2.40
DD012114		0.28	0.001	<0.2	1.71	9	<10	500	0.7	<2	0.49	<0.5	12	17	23	4.46
DD012115		0.26	0.010	<0.2	1.47	5	<10	260	<0.5	<2	0.37	<0.5	9	21	15	2.39
DD012116		0.26	0.004	<0.2	1.67	8	<10	210	<0.5	<2	0.36	<0.5	6	25	13	2.17
DD012117		0.28	0.003	0.2	1.94	12	<10	260	<0.5	<2	0.37	<0.5	8	24	16	2.44
DD012118		0.08	0.005	0.5	1.83	18	<10	360	<0.5	<2	0.44	0.9	26	19	23	3.11
DD012119		0.24	0.008	0.5	1.91	24	<10	250	<0.5	<2	0.45	<0.5	6	27	20	2.68
DD012120		0.40	0.006	0.4	1.76	27	<10	220	<0.5	<2	0.51	<0.5	8	25	16	2.59
DD012121		0.26	0.006	0.8	1.80	31	<10	180	<0.5	<2	0.39	<0.5	8	24	14	2.49
DD012122		0.38	0.002	0.2	1.83	11	<10	190	<0.5	<2	0.36	<0.5	9	26	15	2.36
DD012123		0.18	0.004	0.4	1.74	16	<10	250	<0.5	<2	0.55	<0.5	10	24	22	2.32
DD012124		0.34	0.002	0.3	1.93	15	<10	290	0.5	<2	0.52	<0.5	9	29	26	2.39
DD012125		0.30	0.006	0.3	1.47	21	<10	250	0.5	2	0.31	<0.5	8	22	15	2.36
DD012126		5.00	0.009	0.4	1.68	14	<10	270	0.5	3	0.35	<0.5	6	21	19	2.19
DD012127		0.30	0.007	0.8	1.34	25	<10	210	0.8	2	0.30	<0.5	7	19	16	3.16
DD012128		0.14	<0.001	0.3	0.99	4	<10	100	<0.5	<2	0.29	<0.5	2	11	18	1.39
DD012129		0.20	0.001	0.3	1.72	9	<10	240	0.9	<2	0.60	<0.5	7	22	24	2.50
DD012130		0.18	0.002	<0.2	1.74	12	<10	100	0.5	4	0.19	<0.5	6	19	16	2.35

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012081		10	<1	0.09	10	0.50	381	<1	0.02	11	760	12	0.03	2	5	37
DD012082		10	<1	0.08	10	0.51	247	<1	0.02	11	700	13	0.04	<2	4	33
DD012083		10	<1	0.09	10	0.55	511	1	0.02	10	610	13	0.02	<2	5	37
DD012084		<10	<1	0.08	10	0.54	360	1	0.03	12	620	15	0.01	<2	5	30
DD012085		10	<1	0.07	10	0.54	372	1	0.02	9	640	35	0.02	<2	4	31
DD012086		<10	<1	0.07	10	0.45	225	<1	0.03	8	460	19	0.01	<2	4	25
DD012087		10	<1	0.09	10	0.57	588	1	0.02	12	610	26	0.02	<2	5	29
DD012088		10	<1	0.07	10	0.49	458	1	0.02	11	750	12	0.03	<2	3	28
DD012089		10	<1	0.10	10	0.51	365	1	0.02	13	640	14	0.02	<2	4	30
DD012090		10	<1	0.10	10	0.61	541	<1	0.02	15	450	15	0.02	<2	5	27
DD012091		<10	<1	0.08	10	0.48	363	<1	0.02	12	1340	14	0.09	<2	3	38
DD012092		<10	<1	0.05	10	0.32	211	<1	0.02	7	750	10	0.02	<2	2	20
DD012093		<10	<1	0.07	10	0.45	236	1	0.02	11	530	14	0.03	<2	3	21
DD012094		<10	<1	0.07	20	0.43	562	2	0.03	12	980	20	0.06	2	3	24
DD012095		<10	<1	0.14	20	0.51	2340	8	0.03	9	830	57	0.04	2	4	23
DD012096		<10	<1	0.05	10	0.12	313	1	0.04	5	760	11	0.06	<2	1	22
DD012097		<10	<1	0.11	20	0.28	2860	4	0.01	9	680	118	0.04	7	2	23
DD012098		10	<1	0.08	20	0.30	483	<1	0.01	11	480	13	0.01	<2	6	36
DD012099		<10	1	0.06	10	0.17	92	<1	0.03	8	580	7	0.03	<2	4	28
DD012100		10	<1	0.06	10	0.38	404	<1	0.02	14	970	10	0.04	<2	6	44
DD012111		<10	<1	0.12	20	0.50	431	1	0.02	12	1390	8	0.01	<2	5	38
DD012112		10	<1	0.08	10	0.43	307	1	0.01	10	340	10	<0.01	<2	3	25
DD012113		<10	<1	0.10	20	0.47	409	1	0.01	11	580	7	<0.01	<2	6	28
DD012114		10	<1	0.19	30	0.64	579	2	0.02	7	810	9	<0.01	<2	11	32
DD012115		<10	1	0.10	10	0.55	408	2	0.01	10	500	10	0.01	<2	4	28
DD012116		10	<1	0.09	10	0.54	187	1	0.01	12	460	10	0.01	<2	5	30
DD012117		10	<1	0.08	10	0.45	528	1	0.01	11	620	15	0.02	<2	6	31
DD012118		<10	<1	0.06	10	0.28	2040	2	0.03	9	820	13	0.05	<2	4	39
DD012119		10	<1	0.08	10	0.49	291	1	0.02	11	660	32	0.02	<2	5	35
DD012120		<10	<1	0.07	10	0.45	538	3	0.02	10	750	17	0.03	<2	4	39
DD012121		<10	<1	0.09	10	0.47	487	2	0.01	10	580	14	0.01	<2	4	29
DD012122		10	<1	0.09	10	0.52	388	1	0.01	12	650	10	0.01	<2	4	27
DD012123		10	<1	0.09	10	0.45	614	1	0.02	12	850	10	0.05	<2	4	39
DD012124		10	1	0.09	10	0.54	459	2	0.02	14	870	13	0.05	<2	4	36
DD012125		<10	<1	0.07	10	0.39	217	3	0.01	10	590	20	0.03	<2	4	22
DD012126		<10	<1	0.08	10	0.43	290	2	0.02	11	750	17	0.02	<2	4	24
DD012127		<10	<1	0.11	20	0.38	1475	1	0.02	11	770	58	0.02	2	3	21
DD012128		<10	<1	0.04	10	0.15	240	1	0.02	5	830	10	0.07	<2	1	22
DD012129		10	<1	0.08	20	0.38	1190	2	0.02	11	1130	17	0.09	<2	3	42
DD012130		10	<1	0.08	10	0.35	600	1	0.01	10	580	13	0.03	<2	2	17

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012081		<20	0.07	<10	<10	55	<10	74
DD012082		<20	0.07	<10	<10	53	<10	69
DD012083		<20	0.09	<10	<10	66	<10	70
DD012084		<20	0.10	<10	<10	61	<10	66
DD012085		<20	0.07	<10	<10	65	<10	91
DD012086		<20	0.08	<10	<10	47	<10	63
DD012087		<20	0.08	<10	<10	58	<10	82
DD012088		<20	0.05	<10	<10	50	<10	56
DD012089		<20	0.06	<10	<10	61	<10	62
DD012090		<20	0.07	<10	<10	58	<10	67
DD012091		<20	0.04	<10	<10	44	<10	64
DD012092		<20	0.08	<10	<10	49	<10	48
DD012093		<20	0.05	<10	<10	40	<10	55
DD012094		<20	0.05	<10	<10	56	<10	92
DD012095		<20	0.05	<10	<10	65	<10	204
DD012096		<20	0.03	<10	<10	28	<10	39
DD012097		<20	0.03	<10	<10	38	<10	155
DD012098		<20	0.05	<10	<10	46	<10	52
DD012099		<20	0.04	<10	<10	44	<10	36
DD012100		<20	0.04	<10	<10	64	<10	60
DD012111		<20	0.09	<10	<10	64	<10	64
DD012112		<20	0.09	<10	<10	62	<10	50
DD012113		<20	0.08	<10	<10	51	<10	49
DD012114		20	0.10	<10	<10	82	<10	92
DD012115		<20	0.09	<10	<10	54	<10	64
DD012116		<20	0.08	<10	<10	56	<10	65
DD012117		<20	0.05	<10	<10	53	<10	65
DD012118		<20	0.04	<10	<10	46	<10	77
DD012119		<20	0.06	<10	<10	55	<10	69
DD012120		<20	0.05	<10	<10	53	<10	77
DD012121		<20	0.06	<10	<10	55	<10	73
DD012122		<20	0.06	<10	<10	50	<10	57
DD012123		<20	0.06	<10	<10	51	<10	62
DD012124		<20	0.06	<10	<10	60	<10	74
DD012125		<20	0.05	<10	<10	48	<10	61
DD012126		<20	0.05	<10	<10	52	<10	62
DD012127		<20	0.06	<10	<10	49	<10	112
DD012128		<20	0.03	<10	<10	26	<10	38
DD012129		<20	0.05	<10	<10	52	<10	89
DD012130		<20	0.07	<10	<10	56	<10	63

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CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012131		0.22	0.002	0.3	1.93	10	<10	150	0.7	<2	0.17	<0.5	7	23	18	2.89
DD012132		0.28	0.011	0.3	2.05	12	<10	240	0.8	2	0.38	<0.5	8	25	23	3.12
DD012133		0.20	<0.001	<0.2	2.70	15	<10	110	0.7	<2	0.14	<0.5	9	28	24	3.47
DD012134		0.28	0.003	<0.2	1.92	8	<10	140	<0.5	<2	0.20	<0.5	6	20	15	2.45
DD012135		0.32	0.001	<0.2	1.87	8	<10	250	0.5	2	0.57	<0.5	8	18	13	2.86
DD012136		0.18	0.002	0.5	1.89	8	<10	300	0.6	4	0.41	<0.5	9	22	50	2.95
DD012137		0.14	<0.001	<0.2	1.70	6	<10	170	<0.5	2	0.36	<0.5	9	19	15	3.04
DD012138		0.22	0.009	0.2	1.64	7	<10	100	<0.5	<2	0.36	<0.5	6	17	13	2.24
DD012139		0.36	<0.001	0.3	2.02	11	<10	150	<0.5	2	0.56	<0.5	7	22	15	2.53
DD012140		0.30	<0.001	<0.2	1.44	10	<10	150	0.5	<2	0.24	<0.5	7	22	18	2.45
DD012141		0.34	0.001	0.2	1.54	7	<10	110	0.5	<2	0.26	<0.5	8	19	25	2.88
DD012142		0.26	0.008	<0.2	2.55	8	<10	100	0.5	<2	0.19	0.5	8	26	23	3.13
DD012143		0.30	<0.001	0.5	2.20	17	<10	150	0.8	2	0.20	1.6	11	17	44	3.76
DD012144		0.42	0.001	0.2	1.47	10	<10	180	0.6	<2	0.35	<0.5	9	23	25	2.94
DD012145		0.38	0.001	0.2	1.54	171	<10	280	1.1	<2	0.17	0.7	16	28	33	4.26
DD012146		0.44	0.003	0.2	1.69	85	<10	140	<0.5	<2	0.37	<0.5	6	18	19	2.44
DD012147		0.32	0.002	0.3	1.43	30	<10	140	0.6	<2	0.27	<0.5	7	26	25	2.28
DD012148		0.30	<0.001	<0.2	1.36	16	<10	140	<0.5	<2	0.32	<0.5	6	20	17	2.31
DD012149		0.36	0.004	0.3	1.73	12	<10	120	0.5	<2	0.23	0.5	9	26	19	2.78
DD012150		0.30	0.004	0.2	1.42	137	<10	300	0.6	<2	0.38	<0.5	9	26	21	3.64
DD012151		0.42	0.003	0.4	1.07	89	<10	240	<0.5	<2	0.33	<0.5	6	14	28	2.67
DD012152		0.28	0.003	0.9	1.88	6	<10	510	0.6	<2	0.40	<0.5	8	19	43	2.30
DD012153		0.10	0.002	0.3	0.87	13	<10	310	<0.5	<2	0.34	<0.5	6	8	31	4.92
DD012154		0.22	0.005	0.3	1.95	10	<10	400	<0.5	<2	0.40	<0.5	7	21	40	2.38
DD012155		0.20	0.001	<0.2	1.36	3	<10	260	<0.5	<2	0.35	<0.5	6	18	24	1.59
DD012156		0.24	<0.001	<0.2	1.24	7	<10	280	<0.5	<2	0.34	<0.5	6	16	17	2.78
DD012157		0.34	0.002	<0.2	1.25	9	<10	330	<0.5	<2	0.36	<0.5	6	17	14	2.20
DD012158		0.36	<0.001	<0.2	1.39	5	<10	200	<0.5	<2	0.32	<0.5	6	21	11	2.08
DD012159		0.18	<0.001	<0.2	0.87	3	<10	210	<0.5	<2	0.30	<0.5	4	10	10	1.45
DD012160		0.30	0.004	<0.2	1.62	4	<10	430	0.5	<2	0.46	<0.5	7	23	17	2.52
DD012171		0.10	0.002	0.7	1.47	59	<10	970	1.0	<2	0.53	2.3	36	13	59	22.2
DD012172		0.12	<0.001	0.3	1.62	11	<10	540	0.5	<2	0.42	1.2	7	19	31	2.16
DD012173		0.18	0.001	0.5	1.59	8	<10	540	0.5	<2	0.56	1.2	9	20	45	2.62
DD012174		0.16	0.001	0.5	1.66	3	<10	350	0.5	<2	0.48	1.6	6	18	160	1.31
DD012175		0.20	0.003	0.3	1.38	3	<10	320	<0.5	<2	0.39	0.5	4	18	22	1.25
DD012176		0.16	0.001	0.3	1.74	18	<10	360	<0.5	<2	0.44	<0.5	7	20	19	1.88
DD012177		0.16	0.007	0.3	1.67	21	<10	580	0.5	<2	0.44	0.7	13	20	22	2.80
DD012178		0.28	0.003	0.4	1.31	12	<10	290	<0.5	<2	0.46	1.2	6	20	25	2.06
DD012179		0.22	0.052	<0.2	1.00	8	<10	160	<0.5	<2	0.39	<0.5	4	15	13	1.60
DD012180		0.22	0.003	<0.2	0.66	8	<10	110	<0.5	<2	0.39	<0.5	4	13	8	1.82

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012131		10	<1	0.12	30	0.58	643	2	0.02	12	270	19	0.01	<2	6	18
DD012132		10	<1	0.12	30	0.60	753	1	0.02	14	470	14	0.02	<2	6	25
DD012133		10	<1	0.13	10	0.49	700	1	0.01	18	530	20	0.03	<2	3	14
DD012134		10	1	0.11	10	0.37	408	1	<0.01	10	490	14	0.01	<2	3	17
DD012135		10	1	0.13	20	0.66	694	1	0.03	9	330	11	0.01	<2	5	32
DD012136		10	<1	0.13	30	0.54	658	1	0.02	12	590	14	0.05	<2	5	29
DD012137		10	1	0.10	10	0.56	593	1	0.03	10	370	13	0.02	<2	5	25
DD012138		<10	<1	0.08	10	0.37	291	1	0.02	11	550	6	0.04	<2	2	33
DD012139		10	<1	0.08	20	0.52	257	1	0.02	12	490	8	0.02	<2	4	30
DD012140		<10	<1	0.08	10	0.42	460	1	0.01	14	460	16	0.01	<2	3	17
DD012141		<10	<1	0.08	10	0.43	507	1	0.01	11	630	16	0.01	<2	4	16
DD012142		10	1	0.07	10	0.40	370	1	0.01	14	360	19	0.01	<2	5	20
DD012143		10	<1	0.12	10	0.46	822	2	0.01	11	450	33	0.02	9	5	23
DD012144		<10	<1	0.13	20	0.49	648	1	0.02	16	660	10	0.01	<2	5	22
DD012145		<10	<1	0.14	20	0.33	1890	3	0.01	25	440	29	0.01	5	8	14
DD012146		<10	<1	0.15	10	0.58	436	<1	0.02	9	740	10	0.01	<2	4	21
DD012147		<10	<1	0.08	20	0.39	263	1	0.01	11	600	18	0.02	<2	7	18
DD012148		<10	<1	0.09	10	0.41	390	1	0.02	10	800	10	0.03	<2	3	22
DD012149		<10	<1	0.10	10	0.48	595	1	0.01	14	440	39	0.01	<2	4	18
DD012150		10	1	0.13	20	0.38	707	2	0.01	11	800	21	0.05	4	6	22
DD012151		<10	<1	0.11	20	0.40	485	4	0.01	5	500	51	0.01	5	4	19
DD012152		10	1	0.12	20	0.43	264	1	0.02	7	850	25	0.06	2	9	28
DD012153		<10	<1	0.05	20	0.14	617	2	0.03	2	710	5	0.06	<2	4	25
DD012154		10	<1	0.08	20	0.45	357	1	0.02	10	790	18	0.05	<2	5	29
DD012155		<10	<1	0.05	10	0.37	404	<1	0.01	8	610	11	0.04	<2	4	24
DD012156		<10	<1	0.05	10	0.31	351	<1	0.02	6	730	9	0.04	<2	3	23
DD012157		<10	<1	0.08	20	0.31	653	1	0.01	6	340	29	0.01	<2	3	29
DD012158		<10	<1	0.09	10	0.46	223	<1	0.01	12	210	10	<0.01	<2	3	22
DD012159		<10	<1	0.07	10	0.22	500	1	0.02	4	330	16	<0.01	<2	2	20
DD012160		<10	<1	0.08	20	0.51	467	1	0.02	11	510	7	0.02	<2	4	31
DD012171		<10	1	0.05	30	0.20	8610	30	0.02	6	1060	27	0.14	<2	5	57
DD012172		<10	<1	0.06	20	0.38	428	1	0.03	11	740	30	0.09	2	4	38
DD012173		<10	<1	0.07	20	0.38	1995	2	0.02	11	710	35	0.12	<2	5	50
DD012174		<10	<1	0.06	10	0.38	323	<1	0.02	10	820	31	0.11	<2	4	39
DD012175		<10	<1	0.05	20	0.35	256	<1	0.02	8	600	25	0.07	<2	4	32
DD012176		<10	<1	0.06	10	0.37	603	2	0.03	9	740	25	0.06	<2	4	37
DD012177		<10	<1	0.06	20	0.38	5850	2	0.02	13	690	33	0.04	<2	4	41
DD012178		<10	<1	0.08	20	0.46	305	1	0.02	9	840	30	0.01	<2	5	33
DD012179		<10	<1	0.04	10	0.30	190	1	0.01	6	840	14	0.02	<2	3	26
DD012180		<10	<1	0.04	10	0.24	218	1	0.01	5	890	19	0.01	<2	2	23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012131		<20	0.08	<10	<10	58	<10	83
DD012132		<20	0.07	<10	<10	64	<10	68
DD012133		<20	0.05	<10	<10	57	<10	68
DD012134		<20	0.06	<10	<10	60	<10	48
DD012135		<20	0.05	<10	<10	57	<10	58
DD012136		<20	0.04	<10	<10	52	<10	59
DD012137		<20	0.06	<10	<10	58	<10	59
DD012138		<20	0.07	<10	<10	51	<10	41
DD012139		<20	0.08	<10	<10	58	<10	43
DD012140		<20	0.07	<10	<10	49	<10	53
DD012141		<20	0.06	<10	<10	54	<10	51
DD012142		<20	0.07	<10	<10	63	<10	73
DD012143		<20	0.06	<10	<10	70	<10	115
DD012144		<20	0.08	<10	<10	56	<10	60
DD012145		<20	0.03	<10	<10	67	<10	106
DD012146		<20	0.07	<10	<10	49	<10	85
DD012147		<20	0.05	<10	<10	59	<10	65
DD012148		<20	0.06	<10	<10	51	<10	48
DD012149		<20	0.07	<10	<10	56	<10	127
DD012150		<20	0.04	<10	<10	75	<10	99
DD012151		<20	0.07	<10	<10	52	<10	86
DD012152		<20	0.05	<10	<10	56	<10	78
DD012153		<20	0.04	<10	<10	62	<10	41
DD012154		<20	0.08	<10	<10	72	<10	77
DD012155		<20	0.06	<10	<10	50	<10	66
DD012156		<20	0.05	<10	<10	49	<10	66
DD012157		<20	0.04	<10	<10	47	<10	65
DD012158		<20	0.07	<10	<10	46	<10	45
DD012159		<20	0.04	<10	<10	31	<10	33
DD012160		<20	0.06	<10	<10	53	<10	53
DD012171		<20	0.02	<10	10	48	<10	170
DD012172		<20	0.04	<10	<10	45	<10	109
DD012173		<20	0.05	<10	10	47	<10	98
DD012174		<20	0.05	<10	<10	30	<10	99
DD012175		<20	0.05	<10	<10	38	<10	80
DD012176		<20	0.06	<10	<10	56	<10	93
DD012177		<20	0.05	<10	<10	51	<10	98
DD012178		<20	0.05	<10	<10	47	<10	98
DD012179		<20	0.04	<10	<10	41	<10	57
DD012180		<20	0.05	<10	<10	47	<10	52

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28735		0.30	<0.001	<0.2	1.94	10	<10	190	<0.5	<2	0.41	<0.5	8	21	17	2.79
ZZ28736		0.18	<0.001	<0.2	1.68	4	<10	140	<0.5	<2	0.42	<0.5	7	19	15	2.32
ZZ28961		0.12	<0.001	<0.2	1.59	5	<10	170	<0.5	<2	0.45	<0.5	7	20	25	2.25
ZZ28962		0.14	<0.001	<0.2	1.26	<2	<10	190	<0.5	<2	0.48	<0.5	7	16	19	1.89

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CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28735		10	<1	0.09	10	0.70	288	<1	0.04	10	420	11	0.02	<2	6	31
ZZ28736		10	<1	0.08	10	0.64	286	<1	0.02	9	480	11	0.02	<2	5	28
ZZ28961		10	1	0.07	10	0.51	443	1	0.02	9	630	11	0.04	<2	4	31
ZZ28962		<10	<1	0.06	10	0.38	403	<1	0.03	8	620	5	0.05	<2	3	35

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CERTIFICATE OF ANALYSIS WH11182371

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ28735		<20	0.08	<10	<10	74	<10	75
ZZ28736		<20	0.08	<10	<10	62	<10	73
ZZ28961		<20	0.05	<10	<10	48	<10	80
ZZ28962		<20	0.06	<10	<10	43	<10	61

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Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182371

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
This copy reported on 31- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182372

Project: Klaza

P.O. No.:

This report is for 65 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
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Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182372

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
ZZ28711		0.34	0.005	0.3	1.57	12	<10	270	0.5	5	0.84	<0.5	9	28	20	2.49
ZZ28712		0.28	0.002	0.2	2.34	9	<10	290	0.6	3	0.55	<0.5	10	27	21	3.01
ZZ28713		0.20	0.001	<0.2	1.02	4	<10	70	<0.5	2	0.12	<0.5	4	15	8	1.36
ZZ28714		0.20	0.002	0.2	1.25	9	<10	70	<0.5	2	0.16	<0.5	6	19	10	2.18
ZZ28715		0.20	0.002	0.2	1.25	7	<10	240	0.5	2	0.65	<0.5	7	19	17	1.87
ZZ28716		0.22	0.003	<0.2	1.15	10	<10	150	<0.5	3	0.42	<0.5	7	20	11	2.19
ZZ28717		0.18	0.002	0.3	1.80	11	<10	60	0.5	2	0.11	<0.5	6	20	11	2.36
ZZ28718		0.26	0.007	0.7	1.35	28	<10	270	0.7	4	0.39	0.5	9	13	22	3.22
ZZ28719		0.38	0.006	0.8	1.61	19	<10	240	0.8	4	0.34	<0.5	9	22	30	2.26
ZZ28720		0.28	<0.001	<0.2	1.30	10	<10	190	<0.5	3	0.24	<0.5	8	20	13	2.00
ZZ28951		0.34	0.004	0.4	1.52	11	<10	190	<0.5	4	0.35	<0.5	10	26	28	2.07
ZZ28952		0.28	0.002	<0.2	1.32	4	<10	270	<0.5	2	0.39	<0.5	9	20	14	2.08
ZZ28953		0.34	0.001	<0.2	1.65	7	<10	520	0.5	3	0.66	<0.5	13	25	21	3.88
ZZ28954		0.24	0.012	<0.2	1.54	6	<10	270	<0.5	3	0.54	<0.5	10	24	14	2.30
ZZ28955		0.36	<0.001	<0.2	1.37	8	<10	250	<0.5	3	0.49	<0.5	9	21	13	2.20
ZZ28956		0.26	0.001	<0.2	1.52	5	<10	320	<0.5	3	0.39	<0.5	9	23	16	2.16
ZZ28957		0.38	0.001	<0.2	1.71	9	<10	360	<0.5	3	0.38	<0.5	10	28	18	2.20
ZZ28958		0.30	0.002	0.2	1.84	3	<10	440	0.5	2	0.43	<0.5	9	27	20	2.04
ZZ28959		0.36	0.001	<0.2	1.70	9	<10	440	0.5	2	0.36	<0.5	9	23	18	2.19
ZZ28960		0.30	0.007	<0.2	1.52	7	<10	280	<0.5	2	0.27	<0.5	10	24	27	2.58
ZZ28741		0.28	0.002	0.2	1.75	10	<10	150	<0.5	<2	0.42	<0.5	9	23	21	2.49
ZZ28742		0.32	0.004	0.3	1.84	13	<10	140	<0.5	3	0.31	<0.5	8	23	18	2.24
ZZ28743		0.22	0.003	0.2	1.80	6	<10	160	<0.5	3	0.33	<0.5	8	23	14	2.12
ZZ28744		0.30	0.003	0.3	1.97	11	<10	160	<0.5	4	0.34	<0.5	8	30	17	2.42
ZZ28745		0.28	0.006	0.5	1.91	16	<10	230	0.5	3	0.39	<0.5	8	27	24	2.99
ZZ28746		0.26	0.003	0.4	2.14	17	<10	250	0.6	4	0.43	<0.5	8	29	25	3.27
ZZ28747		0.32	0.002	0.3	1.69	8	<10	170	<0.5	3	0.32	<0.5	7	26	14	2.23
ZZ28748		0.24	<0.001	0.3	2.50	13	<10	70	0.7	4	0.06	<0.5	14	20	27	4.50
ZZ28749		0.22	0.017	0.5	3.25	11	<10	150	0.7	6	0.13	<0.5	14	24	45	3.88
ZZ28750		0.24	0.002	0.2	1.98	48	<10	110	0.6	3	0.10	<0.5	8	19	21	3.61
DD012241		0.40	0.002	0.2	1.70	5	<10	360	0.6	<2	0.46	<0.5	8	15	13	3.06
DD012242		0.32	0.001	<0.2	1.55	8	<10	200	<0.5	<2	0.29	<0.5	8	23	14	2.46
DD012243		0.26	0.001	<0.2	1.27	6	<10	180	<0.5	<2	0.22	<0.5	5	15	13	2.06
DD012244		0.18	0.005	0.4	2.20	7	<10	630	0.6	<2	0.53	<0.5	6	22	20	2.55
DD012245		0.20	0.002	0.3	1.60	6	<10	590	0.7	<2	0.72	0.6	7	22	27	2.26
DD012246		0.20	0.002	0.2	1.63	3	<10	550	0.7	2	0.51	0.6	9	23	28	2.19
DD012247		0.10	0.002	<0.2	1.17	2	<10	460	0.5	2	0.58	<0.5	5	18	21	1.34
DD012248		0.16	0.002	0.2	1.28	3	<10	420	<0.5	<2	0.44	<0.5	6	17	14	2.25
DD012249		0.22	0.002	<0.2	1.24	2	<10	470	<0.5	<2	0.40	<0.5	4	19	10	1.19
DD012250		0.26	0.004	<0.2	1.09	5	<10	250	<0.5	2	0.34	<0.5	5	17	11	2.04

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182372

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ28711		<10	<1	0.11	10	0.53	513	3	0.02	14	590	13	0.06	<2	5	38
ZZ28712		10	<1	0.15	20	0.61	528	3	0.03	14	540	13	0.03	<2	5	38
ZZ28713		10	<1	0.04	10	0.12	98	3	0.01	6	200	9	0.02	<2	2	13
ZZ28714		10	<1	0.06	10	0.26	181	3	0.01	8	300	9	0.03	<2	2	15
ZZ28715		<10	<1	0.11	10	0.32	488	3	0.02	10	630	13	0.07	3	3	34
ZZ28716		<10	<1	0.09	10	0.39	548	3	0.02	12	350	13	0.03	<2	3	23
ZZ28717		10	<1	0.05	10	0.26	224	3	0.01	8	390	13	0.04	<2	2	11
ZZ28718		<10	1	0.14	20	0.44	1095	5	0.02	6	690	33	0.05	2	4	25
ZZ28719		<10	<1	0.08	20	0.48	425	5	0.02	12	820	30	0.05	2	4	23
ZZ28720		10	1	0.05	10	0.36	252	3	0.01	9	540	11	0.03	<2	3	18
ZZ28951		<10	<1	0.06	10	0.47	293	3	0.02	10	530	21	0.03	<2	5	24
ZZ28952		<10	1	0.06	10	0.44	296	2	0.02	11	500	6	0.02	<2	4	22
ZZ28953		10	<1	0.07	20	0.64	528	2	0.02	13	660	8	0.05	<2	6	34
ZZ28954		<10	<1	0.07	10	0.56	353	2	0.02	12	550	7	0.03	<2	4	32
ZZ28955		<10	<1	0.07	10	0.49	325	2	0.02	10	570	7	0.03	<2	4	30
ZZ28956		<10	<1	0.07	10	0.46	294	2	0.02	15	370	7	0.02	<2	4	25
ZZ28957		10	<1	0.08	10	0.56	229	2	0.02	17	420	9	0.02	<2	5	26
ZZ28958		10	<1	0.08	20	0.64	266	2	0.02	14	430	10	0.03	<2	6	27
ZZ28959		<10	<1	0.10	20	0.45	230	2	0.02	14	520	10	0.02	<2	5	23
ZZ28960		10	<1	0.11	10	0.47	499	<1	0.02	16	630	15	0.02	<2	4	24
ZZ28741		10	1	0.10	10	0.53	612	<1	0.03	12	670	9	0.04	<2	4	30
ZZ28742		10	<1	0.10	10	0.57	230	<1	0.03	10	500	12	0.02	<2	5	20
ZZ28743		10	<1	0.08	10	0.57	350	<1	0.03	10	660	9	0.02	<2	4	22
ZZ28744		10	<1	0.12	10	0.66	420	<1	0.02	12	520	12	0.02	<2	5	24
ZZ28745		10	<1	0.09	20	0.47	461	<1	0.02	11	800	9	0.04	<2	5	28
ZZ28746		10	<1	0.10	20	0.51	505	<1	0.02	12	870	11	0.04	<2	6	31
ZZ28747		10	<1	0.07	10	0.50	504	<1	0.02	9	690	10	0.03	<2	3	24
ZZ28748		10	<1	0.13	10	0.50	1050	<1	0.01	11	500	22	0.03	6	5	8
ZZ28749		10	<1	0.12	10	0.63	821	<1	0.02	14	610	30	0.04	2	4	14
ZZ28750		10	<1	0.10	10	0.40	468	1	0.02	9	410	13	0.03	2	3	12
DD012241		10	<1	0.11	20	0.54	472	<1	0.03	6	760	8	0.01	<2	5	26
DD012242		<10	<1	0.08	10	0.42	384	<1	0.02	12	490	8	<0.01	<2	5	21
DD012243		<10	<1	0.06	10	0.25	205	<1	0.03	6	370	6	0.01	<2	2	19
DD012244		10	<1	0.11	30	0.29	345	<1	0.04	9	730	8	0.05	<2	9	43
DD012245		10	<1	0.08	40	0.44	217	<1	0.03	9	780	13	0.08	3	8	48
DD012246		10	1	0.07	40	0.53	393	<1	0.02	10	650	13	0.09	2	8	31
DD012247		<10	<1	0.05	30	0.31	187	<1	0.02	8	650	7	0.06	<2	5	36
DD012248		<10	<1	0.05	20	0.33	193	<1	0.02	6	690	8	0.04	<2	5	32
DD012249		<10	1	0.04	10	0.27	174	<1	0.02	6	660	9	0.05	<2	4	24
DD012250		<10	<1	0.06	10	0.30	261	<1	0.02	7	660	10	<0.01	<2	3	20

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1016 - 510 W HASTINGS STREET
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Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182372

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
ZZ28711		<20	0.06	<10	<10	51	<10	61
ZZ28712		<20	0.09	<10	<10	70	<10	66
ZZ28713		<20	0.06	<10	<10	45	<10	20
ZZ28714		<20	0.08	<10	<10	54	<10	33
ZZ28715		<20	0.05	<10	<10	39	<10	55
ZZ28716		<20	0.07	<10	<10	44	<10	57
ZZ28717		<20	0.08	<10	<10	60	<10	36
ZZ28718		<20	0.06	<10	<10	52	<10	125
ZZ28719		<20	0.06	<10	<10	49	<10	89
ZZ28720		<20	0.05	<10	<10	48	<10	62
ZZ28951		<20	0.08	<10	<10	62	<10	70
ZZ28952		<20	0.06	<10	<10	46	<10	50
ZZ28953		<20	0.06	<10	<10	65	<10	54
ZZ28954		<20	0.07	<10	<10	54	<10	64
ZZ28955		<20	0.06	<10	<10	51	<10	53
ZZ28956		<20	0.07	<10	<10	48	<10	54
ZZ28957		<20	0.08	<10	<10	55	<10	55
ZZ28958		<20	0.07	<10	<10	63	<10	61
ZZ28959		<20	0.05	<10	<10	52	<10	57
ZZ28960		<20	0.05	<10	<10	57	<10	71
ZZ28741		<20	0.07	<10	<10	57	<10	61
ZZ28742		<20	0.08	<10	<10	49	<10	58
ZZ28743		<20	0.08	<10	<10	53	<10	56
ZZ28744		<20	0.09	<10	<10	59	<10	70
ZZ28745		<20	0.06	<10	<10	63	<10	58
ZZ28746		<20	0.06	<10	<10	67	<10	62
ZZ28747		<20	0.06	<10	<10	50	<10	64
ZZ28748		<20	0.04	<10	<10	80	<10	83
ZZ28749		<20	0.06	<10	<10	68	<10	80
ZZ28750		<20	0.05	<10	<10	72	<10	64
DD012241		<20	0.08	<10	<10	65	<10	49
DD012242		<20	0.06	<10	<10	51	<10	46
DD012243		<20	0.04	<10	<10	45	<10	39
DD012244		<20	0.02	<10	<10	48	<10	55
DD012245		<20	0.05	<10	<10	59	<10	52
DD012246		<20	0.05	<10	<10	51	<10	80
DD012247		<20	0.04	<10	<10	44	<10	54
DD012248		<20	0.04	<10	<10	39	<10	57
DD012249		<20	0.04	<10	<10	30	<10	45
DD012250		<20	0.04	<10	<10	43	<10	33

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182372

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012481		0.36	0.001	<0.2	1.91	4	<10	180	<0.5	2	0.46	<0.5	10	22	14	2.53
DD012482		0.38	0.002	<0.2	1.58	8	<10	150	<0.5	4	0.44	<0.5	9	19	12	2.43
DD012483		0.42	0.002	0.2	1.83	5	<10	160	<0.5	3	0.35	<0.5	8	21	17	2.28
DD012484		0.34	0.002	0.2	1.85	9	<10	180	0.5	2	0.33	<0.5	8	24	22	2.60
DD012485		0.38	0.002	0.3	1.83	17	<10	220	0.5	2	0.31	0.5	11	22	18	4.42
DD012486		0.32	0.001	0.2	1.29	9	<10	140	<0.5	2	0.29	<0.5	9	19	14	3.50
DD012487		0.28	0.001	<0.2	1.26	2	<10	110	<0.5	3	0.28	<0.5	7	20	10	1.50
DD012488		0.18	0.001	0.2	1.34	10	<10	130	<0.5	<2	0.29	<0.5	5	19	14	2.32
DD012489		0.36	0.002	0.3	1.55	10	<10	140	<0.5	<2	0.31	<0.5	9	24	11	2.52
DD012490		0.14	NSS	0.2	0.59	22	<10	80	<0.5	2	0.23	<0.5	5	8	15	5.68
ZZ28988		0.28	0.001	0.2	1.99	9	<10	220	<0.5	5	0.63	<0.5	12	29	19	2.71
DD012291		0.24	0.004	0.3	1.09	5	<10	250	<0.5	<2	0.34	<0.5	5	15	14	1.49
DD012292		0.32	0.003	0.3	1.90	20	<10	320	0.5	<2	0.49	<0.5	8	31	29	2.65
DD012293		0.30	0.001	0.3	1.57	21	<10	230	0.5	2	0.44	<0.5	8	25	14	2.75
DD012294		0.22	0.001	0.3	1.61	12	<10	240	<0.5	2	0.40	<0.5	7	24	14	2.07
DD012295		0.22	0.004	0.4	1.73	6	<10	320	0.5	<2	0.49	0.8	6	24	24	1.58
DD012296		0.26	0.024	0.3	1.04	15	<10	210	<0.5	<2	0.46	<0.5	6	18	13	2.18
DD012297		0.30	0.003	0.3	1.24	2	<10	230	<0.5	<2	0.38	<0.5	5	19	17	1.62
DD012298		0.22	0.011	<0.2	1.52	8	<10	200	<0.5	<2	0.36	<0.5	7	29	12	2.69
DD012299		0.28	0.001	<0.2	1.24	10	<10	200	<0.5	<2	0.34	<0.5	5	23	8	2.48
DD012300		0.38	0.008	<0.2	1.39	5	<10	260	<0.5	<2	0.39	<0.5	6	20	14	2.54
DD012288		0.28	0.002	0.3	1.50	5	<10	360	<0.5	2	0.39	0.5	8	21	20	1.75
DD012289		0.22	0.004	0.3	1.10	5	<10	260	<0.5	<2	0.42	1.0	5	16	19	1.29
DD012290		0.28	0.002	0.3	1.02	<2	<10	240	<0.5	<2	0.38	<0.5	4	15	21	0.91
DD012380		0.26	0.001	0.2	1.74	7	<10	430	<0.5	<2	0.39	<0.5	12	24	17	3.29

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1016 - 510 W HASTINGS STREET
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CERTIFICATE OF ANALYSIS WH11182372

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012481		10	<1	0.12	10	0.71	492	<1	0.05	9	530	7	0.01	<2	5	31
DD012482		10	<1	0.15	10	0.58	585	<1	0.03	8	600	12	0.01	<2	4	29
DD012483		10	<1	0.11	10	0.60	282	<1	0.03	8	480	8	0.01	<2	4	26
DD012484		10	<1	0.11	10	0.56	287	<1	0.02	10	490	7	0.01	<2	5	23
DD012485		10	<1	0.08	20	0.49	347	4	0.02	8	800	23	0.02	<2	5	23
DD012486		<10	<1	0.07	10	0.39	427	<1	0.02	6	670	11	0.01	<2	3	19
DD012487		<10	<1	0.10	10	0.49	405	<1	0.02	7	540	10	0.01	<2	3	18
DD012488		<10	<1	0.07	10	0.38	155	<1	0.02	7	750	9	0.03	<2	3	19
DD012489		10	<1	0.10	10	0.51	309	<1	0.02	10	640	13	0.02	<2	3	20
DD012490		<10	<1	0.02	10	0.05	483	<1	0.04	1	720	<2	0.07	<2	1	18
ZZ28988		10	<1	0.11	10	0.61	976	<1	0.03	14	740	11	0.05	<2	4	41
DD012291		<10	<1	0.05	10	0.30	361	<1	0.02	5	610	14	0.04	<2	3	23
DD012292		10	<1	0.08	20	0.52	698	2	0.03	12	630	37	0.03	3	6	37
DD012293		<10	<1	0.06	10	0.46	463	<1	0.02	10	650	22	0.02	2	4	33
DD012294		10	<1	0.06	10	0.42	509	<1	0.03	10	710	20	0.02	<2	3	39
DD012295		10	<1	0.07	20	0.47	240	<1	0.02	11	810	31	0.08	<2	4	42
DD012296		<10	<1	0.05	10	0.34	378	<1	0.02	8	930	20	0.04	2	3	40
DD012297		<10	<1	0.04	20	0.37	330	<1	0.02	9	720	18	0.03	<2	4	30
DD012298		10	<1	0.08	10	0.49	264	<1	0.01	12	520	7	0.02	<2	3	31
DD012299		10	<1	0.06	10	0.40	222	<1	0.01	8	550	7	0.02	<2	2	23
DD012300		<10	<1	0.09	10	0.43	211	<1	0.01	10	740	7	0.02	<2	4	23
DD012288		<10	<1	0.06	20	0.39	413	1	0.02	9	680	27	0.06	<2	4	30
DD012289		<10	<1	0.06	20	0.28	268	1	0.02	8	730	19	0.08	2	3	33
DD012290		<10	<1	0.04	10	0.25	243	<1	0.02	7	610	15	0.07	<2	3	27
DD012380		10	<1	0.12	10	0.45	546	<1	0.02	11	620	8	0.04	<2	6	32

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Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182372

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD012481		<20	0.10	<10	<10	51	<10	62
DD012482		<20	0.09	<10	<10	53	<10	66
DD012483		<20	0.09	<10	<10	50	<10	56
DD012484		<20	0.07	<10	<10	55	<10	59
DD012485		<20	0.05	<10	<10	73	<10	92
DD012486		<20	0.06	<10	<10	46	<10	58
DD012487		<20	0.08	<10	<10	38	<10	57
DD012488		<20	0.06	<10	<10	46	<10	49
DD012489		<20	0.08	<10	<10	48	<10	66
DD012490		<20	0.04	<10	<10	62	<10	10
ZZ28988		<20	0.07	<10	<10	60	<10	69
DD012291		<20	0.05	<10	<10	28	<10	69
DD012292		<20	0.07	<10	<10	61	<10	90
DD012293		<20	0.07	<10	<10	53	<10	70
DD012294		<20	0.06	<10	<10	48	<10	70
DD012295		<20	0.04	<10	<10	49	<10	119
DD012296		<20	0.04	<10	<10	51	<10	62
DD012297		<20	0.05	<10	<10	41	<10	69
DD012298		<20	0.09	<10	<10	64	<10	46
DD012299		<20	0.07	<10	<10	57	<10	46
DD012300		<20	0.07	<10	<10	53	<10	43
DD012288		<20	0.05	<10	<10	43	<10	81
DD012289		<20	0.05	<10	<10	45	<10	86
DD012290		<20	0.05	<10	<10	27	<10	59
DD012380		<20	0.05	<10	<10	59	<10	58

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182372

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182373

Project: Klaza

P.O. No.:

This report is for 160 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012501		0.18	0.006	<0.2	1.00	8	<10	170	<0.5	<2	0.40	<0.5	5	16	10	1.69
DD012502		0.20	0.002	<0.2	1.74	11	<10	170	<0.5	<2	0.25	<0.5	6	32	17	3.35
DD012503		0.22	0.003	<0.2	1.20	8	<10	150	<0.5	<2	0.24	<0.5	5	26	13	2.32
DD012504		0.26	0.015	0.2	1.52	9	<10	310	0.9	<2	0.49	<0.5	7	39	35	2.35
DD012505		0.20	0.002	<0.2	1.52	8	<10	190	<0.5	<2	0.29	<0.5	8	37	20	2.92
DD012506		0.30	0.003	<0.2	0.93	4	<10	210	<0.5	<2	0.38	<0.5	4	17	10	1.31
DD012507		0.32	0.002	<0.2	1.41	5	<10	500	<0.5	<2	0.55	<0.5	8	28	19	2.19
DD012508		0.24	0.005	<0.2	0.87	5	<10	190	<0.5	<2	0.37	<0.5	4	16	6	1.63
DD012509		0.18	0.002	<0.2	0.96	6	<10	310	<0.5	<2	0.55	<0.5	5	19	12	1.85
DD012510		0.20	<0.001	0.3	1.37	7	<10	800	0.9	<2	0.89	<0.5	8	13	37	3.87
DD012511		0.14	0.002	<0.2	1.19	5	<10	450	<0.5	<2	0.43	<0.5	5	17	34	2.08
DD012512		0.22	0.001	<0.2	1.70	8	<10	300	<0.5	<2	0.43	<0.5	7	26	17	2.87
DD012513		0.32	0.003	<0.2	1.74	8	<10	640	0.5	<2	0.41	<0.5	7	25	22	2.72
DD012514		0.28	0.001	<0.2	1.87	9	<10	310	0.8	<2	0.59	<0.5	8	48	25	3.28
DD012515		0.26	0.002	<0.2	1.37	7	<10	200	<0.5	<2	0.46	<0.5	7	31	15	2.24
DD012516		0.32	0.001	<0.2	1.19	4	<10	210	<0.5	<2	0.39	<0.5	6	19	10	1.63
DD012517		0.22	0.002	<0.2	2.18	14	<10	490	0.8	<2	0.38	<0.5	9	39	21	3.74
DD012518		0.40	<0.001	<0.2	1.17	7	<10	300	0.5	<2	0.48	<0.5	8	27	16	2.46
DD012519		0.20	<0.001	<0.2	1.06	9	<10	290	<0.5	<2	0.40	<0.5	9	24	18	2.51
DD012520		0.42	0.001	<0.2	0.82	8	<10	190	<0.5	<2	0.28	<0.5	5	15	7	1.55
DD012521		0.28	0.001	<0.2	1.54	6	<10	550	<0.5	<2	0.37	<0.5	9	19	16	2.79
DD012522		0.20	0.004	<0.2	1.81	7	<10	310	<0.5	<2	0.34	<0.5	9	30	13	3.11
DD012523		0.22	<0.001	<0.2	1.89	12	<10	430	<0.5	<2	0.29	<0.5	8	31	14	2.91
DD012524		0.26	<0.001	<0.2	1.86	6	<10	680	<0.5	<2	0.33	<0.5	7	21	18	2.40
DD012525		0.36	0.002	<0.2	1.35	7	<10	480	<0.5	<2	0.30	<0.5	6	18	19	2.18
DD012526		0.18	0.002	<0.2	1.24	10	<10	250	<0.5	<2	0.25	<0.5	7	18	21	2.48
DD012527		0.20	<0.001	<0.2	1.08	9	<10	210	<0.5	<2	0.20	<0.5	5	18	10	2.13
DD012528		0.18	0.001	<0.2	1.38	7	<10	840	0.6	<2	0.56	<0.5	7	16	28	2.59
DD012529		0.30	0.001	<0.2	1.65	5	<10	770	0.8	<2	0.49	<0.5	7	17	19	2.55
DD012530		0.20	<0.001	<0.2	1.81	5	<10	660	0.5	<2	0.62	<0.5	5	15	17	2.76
DD012531		0.26	0.001	<0.2	1.04	6	<10	500	<0.5	<2	0.41	<0.5	6	16	17	1.78
DD012532		0.26	<0.001	<0.2	1.00	6	<10	260	<0.5	<2	0.31	<0.5	5	15	9	1.80
DD012533		0.20	<0.001	<0.2	0.84	6	<10	220	<0.5	<2	0.31	<0.5	4	15	8	1.13
DD012534		0.26	<0.001	<0.2	1.13	9	<10	400	<0.5	<2	0.55	<0.5	6	19	16	2.74
DD012535		0.32	0.001	<0.2	1.10	4	<10	280	<0.5	<2	0.41	<0.5	5	23	13	1.35
DD012536		0.22	0.001	<0.2	0.79	2	<10	220	<0.5	<2	0.35	<0.5	4	13	7	1.37
DD012537		0.32	0.004	<0.2	1.08	8	<10	270	<0.5	<2	0.47	<0.5	9	23	16	2.01
DD012538		0.38	0.001	<0.2	1.41	12	<10	240	0.7	<2	0.61	<0.5	12	47	23	3.28
DD012539		0.24	0.023	<0.2	1.60	8	<10	280	0.6	<2	0.57	<0.5	7	42	24	2.37
DD012540		0.22	0.034	0.5	1.35	13	<10	940	0.6	<2	1.00	<0.5	19	20	43	3.49

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012501		<10	<1	0.05	10	0.31	204	<1	0.02	8	850	13	0.02	2	3	31
DD012502		10	<1	0.06	10	0.47	250	1	0.02	12	490	7	0.01	<2	3	21
DD012503		10	<1	0.05	10	0.33	188	<1	0.01	10	360	11	<0.01	<2	3	23
DD012504		<10	1	0.05	30	0.51	370	<1	0.02	22	770	3	0.02	2	8	40
DD012505		10	1	0.06	10	0.53	246	<1	0.01	20	490	6	<0.01	<2	4	22
DD012506		<10	1	0.04	10	0.29	108	<1	0.01	8	650	5	0.01	2	2	23
DD012507		<10	1	0.07	10	0.51	382	<1	0.02	13	600	9	0.03	3	4	35
DD012508		<10	<1	0.05	10	0.31	167	<1	0.02	7	510	6	0.01	2	2	22
DD012509		<10	<1	0.05	10	0.32	290	<1	0.02	11	660	5	0.02	<2	3	35
DD012510		<10	<1	0.08	40	0.29	567	2	0.02	8	960	9	0.07	3	9	57
DD012511		10	1	0.07	30	0.26	353	1	0.02	9	340	9	0.01	2	3	31
DD012512		10	<1	0.07	10	0.46	245	1	0.02	11	370	7	0.01	2	4	30
DD012513		10	<1	0.08	20	0.45	349	<1	0.02	15	330	8	0.01	<2	6	28
DD012514		10	1	0.07	20	0.55	352	<1	0.02	20	1080	9	0.02	3	8	47
DD012515		<10	<1	0.05	10	0.46	200	<1	0.02	14	840	8	0.01	2	4	33
DD012516		<10	1	0.06	10	0.36	150	1	0.03	7	770	11	0.02	<2	4	30
DD012517		10	1	0.11	30	0.42	260	1	0.03	14	850	14	0.03	<2	10	31
DD012518		<10	<1	0.11	20	0.50	217	1	0.03	11	990	11	0.01	<2	5	33
DD012519		<10	1	0.07	10	0.33	498	1	0.03	11	940	10	0.01	<2	4	32
DD012520		<10	<1	0.06	10	0.32	194	<1	0.02	8	540	4	<0.01	<2	2	18
DD012521		10	1	0.12	20	0.48	378	1	0.02	8	400	9	0.01	<2	7	30
DD012522		10	1	0.09	10	0.52	485	1	0.02	12	390	10	<0.01	<2	4	28
DD012523		10	1	0.08	10	0.53	286	1	0.02	14	370	8	<0.01	<2	4	27
DD012524		<10	1	0.10	20	0.38	449	1	0.03	10	500	8	0.01	<2	8	30
DD012525		<10	1	0.09	20	0.36	258	1	0.03	8	450	8	0.01	<2	6	29
DD012526		10	<1	0.09	10	0.30	635	1	0.02	8	310	10	0.01	<2	3	27
DD012527		10	<1	0.07	10	0.30	188	1	0.02	7	170	9	<0.01	<2	3	21
DD012528		<10	1	0.12	30	0.32	407	1	0.03	8	780	11	0.04	<2	7	50
DD012529		10	1	0.11	40	0.32	365	1	0.03	8	870	9	0.04	<2	14	41
DD012530		<10	<1	0.12	30	0.38	149	1	0.03	6	910	8	0.06	<2	10	36
DD012531		<10	1	0.05	20	0.27	204	<1	0.02	8	820	6	0.03	<2	5	27
DD012532		<10	<1	0.08	10	0.37	192	<1	0.02	7	480	9	0.01	<2	3	22
DD012533		<10	1	0.05	10	0.28	121	<1	0.02	6	580	7	<0.01	<2	2	21
DD012534		<10	1	0.05	10	0.24	311	1	0.04	8	720	6	0.03	<2	3	42
DD012535		<10	2	0.05	10	0.33	177	<1	0.03	11	680	9	0.01	<2	4	29
DD012536		<10	1	0.05	10	0.25	128	<1	0.02	5	700	6	0.02	<2	3	24
DD012537		<10	1	0.07	20	0.38	215	1	0.03	12	890	9	0.03	<2	5	36
DD012538		<10	<1	0.09	20	0.56	605	<1	0.03	21	1230	12	0.01	<2	8	49
DD012539		10	2	0.06	20	0.45	177	<1	0.03	16	990	9	0.03	<2	7	45
DD012540		<10	1	0.11	10	0.28	4200	3	0.03	21	810	14	0.08	<2	6	70

***** See Appendix Page for comments regarding this certificate *****

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD012501		<20	0.04	<10	<10	40	<10	61
DD012502		<20	0.10	<10	<10	75	<10	46
DD012503		<20	0.10	<10	<10	71	<10	34
DD012504		<20	0.06	<10	<10	54	<10	47
DD012505		<20	0.10	<10	<10	80	<10	49
DD012506		<20	0.04	<10	<10	30	<10	28
DD012507		<20	0.05	<10	<10	60	<10	54
DD012508		<20	0.05	<10	<10	38	<10	34
DD012509		<20	0.05	<10	<10	41	<10	39
DD012510		<20	0.02	<10	<10	57	<10	50
DD012511		<20	0.05	<10	<10	51	<10	44
DD012512		<20	0.07	<10	<10	67	<10	47
DD012513		<20	0.05	<10	<10	56	<10	52
DD012514		<20	0.04	<10	<10	76	<10	55
DD012515		<20	0.05	<10	<10	55	<10	47
DD012516		<20	0.05	<10	<10	51	<10	57
DD012517		<20	0.05	<10	<10	95	<10	66
DD012518		<20	0.08	<10	<10	70	<10	55
DD012519		<20	0.05	<10	<10	60	<10	50
DD012520		<20	0.06	<10	<10	36	<10	32
DD012521		<20	0.07	<10	<10	65	<10	52
DD012522		<20	0.11	<10	<10	77	<10	54
DD012523		<20	0.11	<10	<10	72	<10	55
DD012524		<20	0.04	<10	<10	50	<10	57
DD012525		<20	0.05	<10	<10	49	<10	42
DD012526		<20	0.10	<10	<10	69	<10	43
DD012527		<20	0.10	<10	<10	63	<10	34
DD012528		<20	0.03	<10	<10	49	<10	60
DD012529		<20	0.02	<10	<10	51	<10	48
DD012530		<20	0.02	<10	<10	47	<10	47
DD012531		<20	0.04	<10	<10	36	<10	41
DD012532		<20	0.07	<10	<10	45	<10	41
DD012533		<20	0.05	<10	<10	35	<10	33
DD012534		<20	0.04	<10	<10	53	<10	38
DD012535		<20	0.06	<10	<10	36	<10	37
DD012536		<20	0.04	<10	<10	33	<10	40
DD012537		<20	0.06	<10	<10	46	<10	57
DD012538		<20	0.05	<10	<10	79	<10	65
DD012539		<20	0.05	<10	<10	78	<10	48
DD012540		<20	0.02	<10	<10	48	<10	47

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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012541		0.12	0.002	<0.2	1.08	5	<10	810	0.6	<2	1.06	<0.5	16	15	71	2.53
DD012542		0.18	0.009	<0.2	1.16	11	<10	260	<0.5	<2	0.44	<0.5	8	22	20	2.17
DD012543		0.12	0.004	1.6	1.83	8	<10	750	0.8	<2	0.94	<0.5	4	16	47	2.29
DD012544		0.24	0.002	<0.2	1.00	10	<10	440	<0.5	<2	0.53	<0.5	5	15	14	1.68
DD012545		0.10	0.002	<0.2	1.37	9	<10	610	0.7	<2	1.09	0.5	9	26	44	2.01
DD012546		0.18	<0.001	<0.2	0.92	5	<10	260	<0.5	<2	0.56	<0.5	6	16	14	1.11
DD012547		0.26	<0.001	<0.2	0.84	4	<10	240	<0.5	<2	0.47	<0.5	5	17	13	1.08
DD012548		0.24	<0.001	<0.2	1.39	3	<10	380	0.5	<2	0.65	<0.5	6	25	20	1.47
DD012549		0.18	0.007	<0.2	1.13	5	<10	420	<0.5	<2	0.68	<0.5	6	22	17	1.52
DD012550		0.24	0.002	<0.2	1.23	9	<10	350	0.5	<2	0.45	<0.5	7	25	20	1.72
DD012551		0.16	0.004	<0.2	1.45	11	<10	140	<0.5	<2	0.30	<0.5	8	21	14	2.49
DD012552		0.20	0.002	<0.2	1.78	9	<10	160	<0.5	<2	0.31	<0.5	6	24	17	1.72
DD012553		0.36	0.005	0.2	1.97	18	<10	190	0.5	<2	0.31	<0.5	10	20	24	2.65
DD012554		0.32	0.002	0.3	1.89	16	<10	220	0.5	2	0.40	<0.5	10	30	21	2.70
DD012555		0.24	0.001	0.3	1.09	18	<10	90	<0.5	<2	0.27	<0.5	4	18	12	1.58
DD012556		0.18	0.004	0.4	1.66	21	<10	200	<0.5	<2	0.51	<0.5	8	25	34	2.47
DD012557		0.26	0.001	0.2	1.31	10	<10	130	<0.5	3	0.33	<0.5	8	17	56	2.45
DD012558		0.20	0.002	0.4	1.69	7	<10	140	0.5	4	0.44	1.3	7	17	79	2.44
DD012559		0.18	0.002	0.2	1.30	8	<10	90	<0.5	<2	0.17	<0.5	5	18	23	2.42
DD012560		0.22	0.001	0.3	2.22	12	<10	90	0.5	2	0.19	<0.5	8	26	48	2.81
DD012561		0.22	0.002	0.4	1.45	14	<10	150	<0.5	4	0.41	<0.5	6	20	84	2.41
DD012562		0.20	0.003	0.5	2.38	13	<10	280	0.7	3	0.56	<0.5	9	29	73	3.12
DD012563		0.24	0.001	<0.2	1.90	15	<10	200	0.5	2	0.48	<0.5	9	23	37	2.99
DD012564		0.26	0.002	0.2	2.27	13	<10	200	0.5	2	0.39	<0.5	9	24	31	2.95
DD012565		0.22	0.003	0.6	2.30	6	<10	190	0.5	4	0.49	<0.5	14	24	48	3.02
DD012566		0.20	0.003	<0.2	1.78	8	<10	160	<0.5	2	0.39	<0.5	7	23	25	2.21
DD012567		0.20	0.002	0.3	1.86	8	<10	160	0.5	<2	0.39	<0.5	8	25	23	2.50
DD012568		0.28	<0.001	<0.2	1.73	6	<10	130	<0.5	<2	0.34	<0.5	7	19	14	1.90
DD012569		0.08	<0.001	<0.2	0.33	3	<10	50	<0.5	<2	0.34	<0.5	3	9	21	1.24
DD012570		0.20	0.005	0.2	1.30	10	<10	190	<0.5	<2	0.36	<0.5	6	15	12	2.06
DD012571		0.32	0.001	0.2	0.96	13	<10	180	<0.5	<2	0.42	<0.5	6	14	12	1.89
DD012572		0.38	0.014	0.2	0.95	9	<10	180	<0.5	<2	0.43	<0.5	5	14	13	1.50
DD012573		0.26	0.005	0.3	1.18	15	<10	240	<0.5	<2	0.51	<0.5	6	18	16	1.88
DD012574		0.24	0.003	0.3	1.87	20	<10	410	0.6	2	0.67	0.8	10	28	32	2.85
DD012575		0.34	0.002	0.2	1.47	9	<10	280	<0.5	<2	0.66	<0.5	6	21	18	2.17
DD012576		0.20	0.005	0.2	1.21	11	<10	350	<0.5	<2	0.63	<0.5	6	18	12	2.62
DD012577		0.24	0.003	<0.2	0.83	2	<10	210	<0.5	<2	0.42	<0.5	5	12	8	2.04
DD012578		0.26	0.001	0.3	1.54	25	<10	410	0.5	<2	0.72	0.5	10	23	20	3.22
DD012579		0.30	0.001	0.2	1.14	4	<10	270	<0.5	<2	0.48	<0.5	5	18	12	1.43
DD012580		0.26	0.006	<0.2	0.85	5	<10	190	<0.5	<2	0.42	<0.5	4	13	7	1.30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012541		<10	1	0.06	20	0.15	1465	1	0.03	19	940	10	0.11	<2	4	70
DD012542		<10	1	0.06	10	0.38	428	1	0.02	10	250	9	0.01	<2	3	30
DD012543		<10	1	0.18	90	0.27	260	1	0.04	11	650	23	0.09	<2	12	52
DD012544		<10	1	0.11	20	0.28	214	<1	0.03	6	550	12	0.03	<2	4	29
DD012545		<10	1	0.06	30	0.31	242	2	0.04	13	840	10	0.18	<2	7	73
DD012546		<10	1	0.05	10	0.28	185	1	0.03	7	680	6	0.07	<2	3	40
DD012547		<10	<1	0.04	20	0.27	153	1	0.03	7	710	8	0.05	<2	3	34
DD012548		<10	1	0.07	20	0.42	178	1	0.03	10	660	9	0.10	<2	6	56
DD012549		<10	1	0.04	20	0.32	138	1	0.03	9	760	9	0.12	<2	4	60
DD012550		<10	<1	0.06	20	0.38	244	1	0.03	11	660	9	0.07	<2	5	39
DD012551		<10	1	0.07	10	0.42	474	1	0.03	9	780	7	0.03	<2	3	22
DD012552		10	<1	0.09	10	0.54	249	2	0.03	12	700	11	0.04	<2	4	21
DD012553		<10	1	0.10	10	0.62	871	1	0.03	11	540	9	0.03	<2	5	23
DD012554		<10	1	0.10	20	0.62	620	2	0.03	14	640	11	0.04	<2	5	27
DD012555		<10	1	0.10	10	0.37	255	1	0.03	7	420	15	0.05	<2	3	18
DD012556		10	<1	0.12	10	0.53	404	3	0.03	12	670	11	0.06	<2	4	35
DD012557		<10	1	0.10	10	0.42	646	4	0.03	8	520	16	0.06	3	2	25
DD012558		<10	1	0.10	20	0.56	730	2	0.03	9	680	20	0.03	<2	4	27
DD012559		10	<1	0.08	10	0.30	262	2	0.02	9	580	10	0.07	<2	1	16
DD012560		10	1	0.10	10	0.56	399	2	0.02	15	370	10	0.05	<2	3	17
DD012561		<10	1	0.11	10	0.44	405	2	0.03	10	540	11	0.04	2	3	28
DD012562		10	1	0.13	20	0.66	812	2	0.03	15	700	12	0.05	<2	6	39
DD012563		10	1	0.14	10	0.55	792	2	0.03	12	460	16	0.04	2	4	33
DD012564		10	<1	0.14	10	0.72	548	2	0.04	13	490	10	0.04	<2	5	30
DD012565		10	1	0.14	20	0.69	956	2	0.04	11	830	12	0.08	<2	5	34
DD012566		10	1	0.11	20	0.58	229	1	0.04	11	480	9	0.04	<2	5	26
DD012567		<10	1	0.08	10	0.54	910	2	0.03	10	730	9	0.06	<2	4	26
DD012568		<10	<1	0.11	10	0.58	337	1	0.03	9	480	8	0.03	<2	4	21
DD012569		<10	1	0.02	10	0.07	105	1	0.04	4	940	6	0.10	<2	1	23
DD012570		<10	1	0.05	10	0.34	348	2	0.03	8	670	10	0.06	<2	2	25
DD012571		<10	1	0.05	10	0.33	398	2	0.02	7	880	16	0.03	<2	3	31
DD012572		<10	<1	0.04	10	0.32	175	2	0.02	7	870	24	0.04	2	3	31
DD012573		<10	1	0.05	10	0.38	400	2	0.03	9	830	19	0.04	<2	4	44
DD012574		<10	1	0.06	20	0.53	748	3	0.04	14	1040	24	0.08	2	6	70
DD012575		<10	1	0.05	10	0.40	471	2	0.04	10	990	13	0.08	<2	3	68
DD012576		<10	<1	0.05	10	0.32	292	2	0.03	9	840	7	0.08	<2	3	71
DD012577		<10	<1	0.03	10	0.24	252	2	0.02	6	720	4	0.05	<2	2	38
DD012578		<10	1	0.05	20	0.36	861	4	0.03	11	900	7	0.12	<2	3	91
DD012579		<10	1	0.04	10	0.30	171	2	0.03	8	690	6	0.07	<2	3	52
DD012580		<10	<1	0.03	10	0.24	138	1	0.02	5	720	4	0.04	<2	2	37

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD012541		<20	0.02	<10	<10	36	<10	37
DD012542		<20	0.07	<10	<10	54	<10	55
DD012543		<20	0.01	<10	<10	41	<10	42
DD012544		<20	0.03	<10	<10	42	<10	48
DD012545		<20	0.04	<10	10	72	<10	50
DD012546		<20	0.05	<10	<10	36	<10	61
DD012547		<20	0.06	<10	<10	39	<10	42
DD012548		<20	0.06	<10	<10	52	<10	74
DD012549		<20	0.04	<10	<10	43	<10	48
DD012550		<20	0.07	<10	<10	53	<10	61
DD012551		<20	0.06	<10	<10	54	<10	50
DD012552		<20	0.06	<10	<10	44	<10	55
DD012553		<20	0.07	<10	<10	63	<10	64
DD012554		<20	0.07	<10	<10	57	<10	75
DD012555		<20	0.05	<10	<10	36	<10	71
DD012556		<20	0.07	<10	<10	55	<10	72
DD012557		<20	0.05	<10	<10	52	<10	69
DD012558		<20	0.07	<10	<10	49	<10	201
DD012559		<20	0.06	<10	<10	60	<10	54
DD012560		<20	0.09	<10	<10	62	<10	62
DD012561		<20	0.07	<10	<10	51	<10	67
DD012562		<20	0.08	<10	<10	66	<10	80
DD012563		<20	0.06	<10	<10	57	<10	96
DD012564		<20	0.10	<10	<10	66	<10	78
DD012565		<20	0.08	<10	<10	68	<10	87
DD012566		<20	0.09	<10	<10	51	<10	65
DD012567		<20	0.06	<10	<10	55	<10	59
DD012568		<20	0.09	<10	<10	46	<10	56
DD012569		<20	0.11	<10	<10	40	<10	18
DD012570		<20	0.05	<10	<10	47	<10	62
DD012571		<20	0.04	<10	<10	42	<10	58
DD012572		<20	0.04	<10	<10	41	<10	76
DD012573		<20	0.05	<10	<10	43	<10	67
DD012574		<20	0.06	<10	10	64	<10	108
DD012575		<20	0.05	<10	<10	50	<10	76
DD012576		<20	0.04	<10	10	36	<10	74
DD012577		<20	0.04	<10	<10	25	<10	45
DD012578		<20	0.04	<10	10	52	<10	93
DD012579		<20	0.04	<10	10	34	<10	58
DD012580		<20	0.05	<10	<10	31	<10	40

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ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012581		0.30	0.002	<0.2	1.09	6	<10	260	<0.5	<2	0.54	<0.5	5	17	14	1.45
DD012582		0.34	0.002	<0.2	1.05	5	<10	280	<0.5	<2	0.50	<0.5	5	18	17	1.49
DD012583		0.34	0.002	<0.2	0.86	6	<10	170	<0.5	<2	0.32	<0.5	4	12	7	1.36
DD012584		0.30	0.002	<0.2	1.34	8	<10	310	<0.5	<2	0.52	<0.5	5	17	17	1.66
DD012585		0.28	0.003	<0.2	1.10	3	<10	230	<0.5	<2	0.34	<0.5	4	14	14	1.49
DD012586		0.30	0.002	<0.2	0.88	6	<10	210	<0.5	<2	0.34	<0.5	4	13	9	1.70
DD012587		0.46	0.003	<0.2	1.13	4	<10	270	<0.5	<2	0.37	<0.5	5	16	9	1.54
DD012588		0.26	0.011	0.6	1.14	8	<10	310	<0.5	<2	0.42	0.8	8	19	244	1.61
DD012589		0.24	0.002	<0.2	0.76	6	<10	220	<0.5	<2	0.36	<0.5	4	12	10	1.29
DD012590		0.28	0.002	0.2	1.74	21	<10	770	1.1	<2	0.65	0.5	9	16	39	3.35
DD012591		0.28	0.003	<0.2	1.45	11	<10	630	0.6	<2	0.53	<0.5	8	23	46	2.68
DD012592		0.30	0.003	<0.2	1.51	10	<10	650	0.7	<2	0.48	<0.5	10	19	32	2.69
DD012593		0.46	0.001	<0.2	1.02	6	<10	260	<0.5	<2	0.23	<0.5	4	19	10	2.25
DD012594		0.28	0.003	<0.2	1.29	8	<10	420	0.6	<2	0.27	<0.5	7	19	18	2.44
DD012595		0.36	0.002	<0.2	1.18	20	<10	260	0.5	<2	0.20	<0.5	11	12	24	3.77
DD012596		0.28	0.002	<0.2	0.66	5	<10	150	<0.5	<2	0.17	<0.5	5	14	7	2.19
DD012597		0.34	0.008	<0.2	1.34	13	<10	360	0.5	<2	0.18	<0.5	11	21	13	3.21
DD012598		0.36	0.003	<0.2	0.77	5	<10	270	<0.5	<2	0.30	<0.5	5	12	10	1.64
DD012599		0.38	0.002	<0.2	1.58	6	<10	720	0.5	<2	0.41	<0.5	10	21	24	2.67
DD012600		0.54	0.003	<0.2	1.39	11	<10	220	<0.5	<2	0.18	<0.5	7	19	12	2.50
DD012601		0.26	0.007	<0.2	1.70	8	<10	470	0.5	<2	0.38	<0.5	8	30	23	2.64
DD012602		0.34	0.003	<0.2	1.34	10	<10	280	<0.5	<2	0.29	<0.5	8	22	17	2.38
DD012603		0.34	0.002	<0.2	1.41	9	<10	310	0.5	<2	0.35	<0.5	8	17	18	2.89
DD012604		0.34	0.004	<0.2	1.81	10	<10	210	<0.5	<2	0.28	<0.5	9	26	26	2.22
DD012605		0.26	0.004	<0.2	1.52	9	<10	150	<0.5	2	0.31	<0.5	8	25	21	2.22
DD012606		0.30	0.003	<0.2	1.59	12	<10	140	<0.5	<2	0.29	<0.5	6	25	17	1.98
DD012607		0.28	0.005	<0.2	1.73	11	<10	140	<0.5	2	0.37	<0.5	9	32	25	2.68
DD012608		0.30	0.004	0.2	2.41	14	<10	210	<0.5	<2	0.47	<0.5	13	43	37	3.70
DD012609		0.34	0.004	61.3	1.11	5	<10	180	<0.5	<2	0.69	<0.5	10	18	512	2.40
DD012610		0.26	0.004	<0.2	1.79	12	<10	170	<0.5	2	0.38	<0.5	10	32	30	2.93
DD012611		0.24	0.005	<0.2	1.71	15	<10	210	0.5	<2	0.37	<0.5	9	32	29	2.57
DD012612		0.32	0.018	0.3	2.34	64	<10	240	0.5	<2	0.44	<0.5	12	42	33	3.63
DD012613		0.28	0.008	2.2	1.51	49	<10	120	<0.5	<2	0.30	<0.5	6	25	17	2.23
DD012614		0.26	0.005	<0.2	1.76	8	<10	160	0.5	3	0.30	<0.5	11	33	25	2.89
DD012615		0.30	0.004	<0.2	1.75	11	<10	180	<0.5	3	0.26	<0.5	12	29	21	2.73
DD012616		0.30	0.004	<0.2	1.39	7	<10	150	<0.5	<2	0.28	<0.5	6	21	14	1.74
DD012617		0.28	0.006	<0.2	1.60	4	<10	170	<0.5	2	0.29	<0.5	6	21	18	1.54
DD012618		0.26	0.003	<0.2	1.69	14	<10	150	<0.5	2	0.35	<0.5	7	23	20	2.82
DD012619		0.34	0.005	0.3	1.70	13	<10	160	0.5	3	0.32	<0.5	7	20	23	2.10
DD012620		0.16	0.006	1.0	1.92	17	<10	340	0.9	3	0.44	0.7	13	26	45	2.93

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012581		<10	1	0.04	20	0.29	189	1	0.03	8	800	4	0.07	<2	3	59
DD012582		<10	<1	0.04	10	0.29	164	2	0.03	8	810	5	0.07	<2	3	51
DD012583		<10	1	0.03	10	0.24	160	2	0.02	6	660	7	0.03	2	2	26
DD012584		<10	<1	0.05	20	0.29	267	2	0.03	8	900	5	0.07	2	3	55
DD012585		<10	1	0.04	20	0.24	178	2	0.03	7	800	5	0.06	<2	2	31
DD012586		<10	<1	0.04	10	0.24	224	2	0.03	6	680	3	0.04	<2	2	29
DD012587		<10	1	0.04	20	0.30	238	2	0.02	8	730	5	0.04	<2	3	35
DD012588		<10	1	0.07	20	0.29	414	23	0.01	251	750	199	0.10	<2	3	46
DD012589		<10	1	0.03	10	0.22	265	1	<0.01	8	670	9	0.01	<2	2	34
DD012590		10	1	0.12	60	0.40	738	2	0.01	9	660	24	0.02	4	7	37
DD012591		10	1	0.09	30	0.46	364	1	0.01	13	630	30	0.01	<2	8	30
DD012592		10	1	0.10	40	0.36	736	2	0.01	9	410	27	0.01	<2	5	27
DD012593		10	1	0.08	10	0.31	237	1	<0.01	7	270	14	<0.01	<2	2	19
DD012594		10	1	0.08	30	0.30	635	1	0.01	9	330	13	<0.01	2	5	22
DD012595		10	1	0.08	10	0.29	1510	2	<0.01	4	490	22	<0.01	4	4	20
DD012596		10	1	0.07	10	0.20	250	1	<0.01	4	190	11	<0.01	<2	2	15
DD012597		10	1	0.09	10	0.35	693	1	<0.01	10	310	22	<0.01	<2	5	17
DD012598		<10	1	0.05	10	0.23	228	1	0.01	6	420	8	0.01	<2	2	24
DD012599		10	1	0.10	20	0.34	796	1	0.01	9	340	31	<0.01	2	5	35
DD012600		10	<1	0.06	10	0.33	250	1	<0.01	10	260	12	<0.01	<2	3	15
DD012601		10	1	0.09	20	0.52	371	1	0.01	14	730	11	0.03	<2	4	32
DD012602		10	1	0.08	10	0.43	493	1	0.01	10	470	9	0.01	<2	4	25
DD012603		<10	<1	0.10	20	0.38	745	1	0.01	8	800	11	0.02	2	5	27
DD012604		10	1	0.07	10	0.48	338	1	0.01	14	520	10	0.01	<2	4	23
DD012605		10	1	0.05	10	0.43	249	<1	0.01	10	610	10	0.01	<2	4	21
DD012606		10	<1	0.05	10	0.45	198	1	<0.01	9	570	12	0.01	<2	4	19
DD012607		10	1	0.11	20	0.61	256	1	0.01	12	610	11	<0.01	<2	5	20
DD012608		10	<1	0.24	10	0.97	638	1	0.01	18	570	9	0.02	<2	6	29
DD012609		10	1	0.82	90	0.78	351	57	0.02	425	1290	367	0.16	<2	1	48
DD012610		10	2	0.11	10	0.71	428	1	0.01	14	480	10	0.01	<2	5	26
DD012611		10	1	0.11	20	0.58	465	1	0.01	16	540	11	<0.01	<2	8	26
DD012612		10	1	0.17	20	0.92	490	1	0.01	19	530	29	0.01	<2	9	32
DD012613		10	1	0.11	10	0.50	276	1	0.01	11	590	29	0.01	3	4	19
DD012614		10	1	0.13	20	0.63	446	1	<0.01	13	610	10	0.01	<2	6	20
DD012615		10	1	0.13	10	0.64	341	1	<0.01	12	550	12	<0.01	<2	5	17
DD012616		<10	1	0.06	10	0.41	171	1	<0.01	9	660	9	0.01	<2	4	18
DD012617		10	1	0.08	10	0.50	241	1	0.01	10	490	12	0.02	<2	3	20
DD012618		10	1	0.09	10	0.50	300	2	0.01	11	660	14	0.02	<2	4	23
DD012619		10	1	0.09	10	0.55	225	2	0.01	9	480	19	0.01	<2	4	20
DD012620		10	1	0.09	20	0.51	1280	3	0.01	12	1400	24	0.07	2	6	26

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD012581		<20	0.05	<10	10	37	<10	56
DD012582		<20	0.06	<10	10	42	<10	53
DD012583		<20	0.03	<10	<10	25	<10	35
DD012584		<20	0.04	<10	10	37	<10	47
DD012585		<20	0.03	<10	<10	33	<10	43
DD012586		<20	0.04	<10	<10	28	<10	43
DD012587		<20	0.04	<10	10	31	<10	45
DD012588		<20	0.04	<10	10	32	<10	252
DD012589		<20	0.03	<10	<10	26	<10	40
DD012590		<20	0.02	<10	<10	59	<10	83
DD012591		<20	0.05	<10	<10	54	<10	76
DD012592		<20	0.06	<10	<10	63	<10	65
DD012593		<20	0.08	<10	<10	65	<10	43
DD012594		<20	0.06	<10	<10	63	<10	43
DD012595		<20	0.02	<10	<10	59	<10	101
DD012596		<20	0.05	<10	<10	54	<10	50
DD012597		<20	0.05	<10	<10	62	<10	62
DD012598		<20	0.04	<10	<10	35	<10	39
DD012599		<20	0.03	<10	<10	56	<10	51
DD012600		<20	0.04	<10	<10	50	<10	40
DD012601		<20	0.06	<10	<10	58	<10	62
DD012602		<20	0.05	<10	<10	49	<10	61
DD012603		<20	0.02	<10	<10	54	<10	70
DD012604		<20	0.07	<10	<10	51	<10	56
DD012605		<20	0.08	<10	<10	57	<10	53
DD012606		<20	0.07	<10	<10	54	<10	54
DD012607		<20	0.15	<10	<10	79	<10	65
DD012608		<20	0.23	<10	<10	99	<10	85
DD012609		40	0.15	<10	<10	26	<10	240
DD012610		<20	0.13	<10	<10	68	<10	57
DD012611		<20	0.10	<10	<10	61	<10	56
DD012612		<20	0.14	<10	<10	85	<10	116
DD012613		<20	0.08	<10	<10	56	<10	55
DD012614		<20	0.11	<10	<10	67	<10	61
DD012615		<20	0.10	<10	<10	71	<10	64
DD012616		<20	0.06	<10	<10	43	<10	56
DD012617		<20	0.06	<10	<10	39	<10	67
DD012618		<20	0.06	<10	<10	56	<10	71
DD012619		<20	0.07	<10	<10	46	<10	80
DD012620		<20	0.03	<10	<10	56	<10	96

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012621		0.24	0.003	<0.2	0.77	5	<10	180	<0.5	<2	0.43	<0.5	7	10	20	2.52
DD012622		0.16	0.004	<0.2	2.12	10	<10	140	0.6	2	0.34	<0.5	8	24	22	2.78
DD012623		0.22	0.004	<0.2	2.72	6	<10	350	0.8	2	0.43	<0.5	10	24	23	3.61
DD012624		0.24	0.003	<0.2	1.36	7	<10	150	<0.5	<2	0.26	<0.5	8	19	13	2.48
DD012625		0.22	0.003	0.2	1.75	7	<10	200	<0.5	<2	0.42	<0.5	9	20	20	2.55
DD012626		0.18	0.009	0.4	2.70	13	<10	310	0.6	8	0.46	<0.5	8	26	33	3.10
DD012627		0.34	0.004	0.3	2.37	9	<10	220	0.5	<2	0.63	<0.5	9	21	27	3.19
DD012628		0.22	0.004	0.8	2.65	18	<10	220	0.7	3	0.48	<0.5	9	27	56	3.64
DD012629		0.30	0.004	0.2	1.62	12	<10	170	<0.5	2	0.34	<0.5	5	21	21	1.70
DD012630		0.36	0.003	0.2	1.73	5	<10	160	<0.5	3	0.30	<0.5	6	22	21	1.88
DD012631		0.24	0.009	0.2	1.75	11	<10	140	<0.5	3	0.28	<0.5	7	22	18	1.93
DD012632		0.38	0.004	0.3	1.82	6	<10	140	<0.5	<2	0.36	<0.5	7	22	18	2.39
DD012633		0.26	0.004	0.2	1.67	3	<10	220	<0.5	2	0.32	<0.5	6	22	15	1.81
DD012634		0.36	0.004	0.3	1.68	9	<10	150	<0.5	2	0.29	0.5	8	18	20	1.96
DD012635		0.32	0.002	0.3	1.39	7	<10	140	<0.5	<2	0.52	<0.5	7	17	20	2.36
DD012636		0.18	NSS	0.4	1.81	10	<10	200	0.6	<2	1.01	0.5	9	19	33	2.64
DD012637		0.24	0.004	0.2	1.30	9	<10	170	<0.5	<2	0.50	<0.5	7	16	23	2.49
DD012638		0.30	0.005	0.2	1.71	11	<10	190	0.5	<2	0.52	<0.5	7	22	25	2.46
DD012639		0.26	0.004	0.3	1.75	14	<10	200	0.6	<2	0.45	<0.5	8	22	25	2.49
DD012640		0.30	0.007	<0.2	1.35	23	<10	130	<0.5	<2	0.24	<0.5	7	20	13	2.22
DD012641		0.34	0.005	0.2	1.56	4	<10	130	<0.5	<2	0.29	<0.5	6	25	15	1.85
DD012642		0.34	0.004	0.3	1.66	8	<10	220	0.5	<2	0.34	2.5	9	28	40	2.93
DD012643		0.16	0.003	0.2	1.30	7	<10	100	<0.5	<2	0.26	0.8	6	22	16	2.34
DD012644		0.28	0.006	0.5	1.43	7	<10	110	<0.5	2	0.35	1.6	6	24	33	2.04
DD012645		0.32	0.004	0.5	1.87	8	<10	220	0.5	2	0.36	1.8	10	35	32	3.14
DD012646		0.28	0.004	0.3	1.89	9	<10	170	0.5	<2	0.33	<0.5	9	30	17	3.39
DD012647		0.30	0.001	0.2	1.00	6	<10	170	<0.5	<2	0.30	<0.5	5	17	8	1.89
DD012648		0.34	0.002	0.2	1.92	10	<10	260	0.5	<2	0.34	<0.5	10	29	19	3.41
DD012649		0.32	0.002	<0.2	1.80	6	<10	190	<0.5	<2	0.31	<0.5	10	28	15	3.60
DD012650		0.28	0.002	0.4	2.36	9	<10	270	0.6	2	0.28	<0.5	9	36	24	3.19
DD012651		0.30	0.004	0.2	1.72	11	<10	510	0.8	<2	0.43	<0.5	7	22	57	3.37
DD012652		0.22	0.002	0.3	0.76	4	<10	360	<0.5	<2	0.39	<0.5	5	10	37	1.77
DD012653		0.34	0.009	0.2	1.72	8	<10	350	<0.5	<2	0.31	<0.5	8	22	30	2.63
DD012654		0.22	0.003	0.4	0.89	4	<10	230	<0.5	<2	0.16	<0.5	5	10	16	1.59
DD012655		0.30	0.003	0.2	0.88	2	<10	300	<0.5	<2	0.26	<0.5	4	8	15	1.28
DD012656		0.32	0.003	0.2	1.04	7	<10	290	<0.5	<2	0.25	<0.5	6	13	18	1.80
DD012657		0.22	0.002	0.2	0.65	4	<10	240	<0.5	<2	0.29	<0.5	3	9	9	1.23
DD012658		0.30	0.002	0.2	0.96	6	<10	240	<0.5	<2	0.26	<0.5	4	12	12	1.62
DD012659		0.24	0.006	0.2	1.32	16	<10	530	0.5	<2	0.87	<0.5	11	13	32	5.83
DD012660		0.24	0.004	0.4	2.37	10	<10	450	0.6	<2	0.56	<0.5	12	23	26	3.76

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012621		<10	<1	0.07	10	0.22	641	1	0.01	4	870	8	0.03	<2	2	26
DD012622		10	1	0.08	20	0.50	609	1	0.01	12	680	12	0.03	<2	4	29
DD012623		10	1	0.20	40	0.80	649	1	0.02	11	510	19	0.02	<2	8	35
DD012624		10	<1	0.14	10	0.48	631	1	0.02	9	380	11	0.03	2	4	19
DD012625		10	<1	0.19	10	0.62	483	<1	0.04	10	570	10	0.02	2	5	32
DD012626		10	1	0.17	20	0.71	531	1	0.03	13	640	12	0.04	<2	6	38
DD012627		10	<1	0.27	10	0.84	748	1	0.06	8	520	11	0.03	<2	7	47
DD012628		10	<1	0.16	10	0.63	614	1	0.02	13	470	20	0.03	2	6	37
DD012629		10	1	0.11	10	0.48	202	<1	0.02	10	560	13	0.03	<2	4	24
DD012630		10	<1	0.09	10	0.50	256	<1	0.01	11	500	9	0.03	2	4	22
DD012631		<10	<1	0.10	10	0.46	377	<1	0.01	10	620	9	0.04	<2	4	21
DD012632		10	<1	0.10	10	0.49	366	<1	0.01	10	630	8	0.04	<2	4	25
DD012633		10	<1	0.08	10	0.44	296	<1	0.01	10	610	14	0.04	<2	3	23
DD012634		10	<1	0.09	10	0.57	273	1	0.02	10	670	42	0.02	<2	4	19
DD012635		<10	<1	0.11	10	0.52	615	1	0.03	9	620	18	0.04	<2	4	32
DD012636		10	<1	0.09	20	0.63	680	5	0.03	10	1010	20	0.11	<2	4	61
DD012637		<10	<1	0.10	10	0.44	532	3	0.02	8	710	16	0.03	<2	4	32
DD012638		10	<1	0.10	20	0.51	730	1	0.01	11	870	17	0.07	2	3	32
DD012639		10	<1	0.11	20	0.49	726	1	0.02	12	790	21	0.06	<2	4	32
DD012640		10	<1	0.11	10	0.44	513	1	0.01	10	530	13	0.04	<2	3	18
DD012641		10	<1	0.12	10	0.58	268	<1	0.01	10	760	10	0.03	<2	4	19
DD012642		10	<1	0.15	20	0.67	587	<1	0.01	13	510	133	0.02	6	6	25
DD012643		10	<1	0.09	10	0.43	374	1	0.01	11	530	68	0.02	<2	3	20
DD012644		<10	<1	0.07	10	0.56	255	2	0.01	11	670	239	0.03	2	4	19
DD012645		10	<1	0.13	20	0.73	530	1	0.01	13	480	36	0.02	2	8	25
DD012646		10	<1	0.12	10	0.67	283	1	0.01	12	730	22	0.03	<2	5	23
DD012647		<10	<1	0.06	10	0.35	345	1	0.01	6	790	11	0.03	<2	3	19
DD012648		10	<1	0.12	10	0.68	377	1	0.01	10	710	20	0.02	<2	6	25
DD012649		10	<1	0.09	10	0.58	530	1	0.01	12	650	21	0.02	<2	4	21
DD012650		10	<1	0.12	10	0.58	336	1	0.01	15	880	22	0.04	<2	7	22
DD012651		10	1	0.07	40	0.48	216	1	0.01	9	820	17	0.04	<2	10	24
DD012652		<10	<1	0.04	20	0.16	249	<1	0.02	6	790	5	0.05	<2	5	25
DD012653		10	<1	0.07	10	0.42	306	1	0.01	11	580	11	0.02	<2	5	21
DD012654		<10	<1	0.05	10	0.16	229	<1	0.03	5	390	7	0.02	<2	2	14
DD012655		<10	<1	0.05	10	0.11	123	<1	0.03	5	530	2	0.03	<2	2	18
DD012656		<10	<1	0.07	10	0.29	324	<1	0.02	6	400	7	0.02	<2	3	18
DD012657		<10	<1	0.05	10	0.15	207	<1	0.03	4	500	5	0.03	<2	2	20
DD012658		<10	<1	0.07	10	0.21	211	1	0.02	5	420	8	0.02	<2	2	18
DD012659		<10	1	0.07	30	0.25	554	3	0.03	16	960	14	0.07	<2	5	46
DD012660		10	1	0.23	30	0.78	316	2	0.02	10	870	16	0.04	<2	7	28

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2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD012621		<20	0.09	<10	<10	74	<10	56
DD012622		<20	0.08	<10	<10	63	<10	55
DD012623		<20	0.11	<10	<10	76	<10	93
DD012624		<20	0.09	<10	<10	57	<10	55
DD012625		<20	0.11	<10	<10	65	<10	58
DD012626		<20	0.10	<10	<10	75	<10	73
DD012627		<20	0.13	<10	<10	76	<10	95
DD012628		<20	0.06	<10	<10	76	<10	82
DD012629		<20	0.07	<10	<10	59	<10	57
DD012630		<20	0.08	<10	<10	42	<10	57
DD012631		<20	0.07	<10	<10	50	<10	63
DD012632		<20	0.07	<10	<10	51	<10	62
DD012633		<20	0.05	<10	<10	38	<10	64
DD012634		<20	0.08	<10	<10	59	<10	92
DD012635		<20	0.07	<10	<10	56	<10	77
DD012636		<20	0.07	<10	<10	61	<10	95
DD012637		<20	0.06	<10	<10	55	<10	73
DD012638		<20	0.06	<10	<10	54	<10	84
DD012639		<20	0.05	<10	<10	53	<10	85
DD012640		<20	0.06	<10	<10	50	<10	64
DD012641		<20	0.08	<10	<10	50	<10	76
DD012642		<20	0.08	<10	<10	63	<10	386
DD012643		<20	0.09	<10	<10	60	<10	126
DD012644		<20	0.09	<10	<10	61	<10	665
DD012645		<20	0.11	<10	<10	74	<10	223
DD012646		<20	0.07	<10	<10	82	<10	116
DD012647		<20	0.05	<10	<10	46	<10	56
DD012648		<20	0.06	<10	<10	78	<10	109
DD012649		<20	0.08	<10	<10	59	<10	95
DD012650		<20	0.06	<10	<10	79	<10	113
DD012651		<20	0.07	<10	<10	75	<10	73
DD012652		<20	0.05	<10	<10	45	<10	38
DD012653		<20	0.06	<10	<10	59	<10	59
DD012654		<20	0.04	<10	<10	40	<10	38
DD012655		<20	0.04	<10	<10	34	<10	27
DD012656		<20	0.06	<10	<10	43	<10	43
DD012657		<20	0.03	<10	<10	29	<10	29
DD012658		<20	0.06	<10	<10	44	<10	35
DD012659		<20	0.05	<10	<10	62	<10	55
DD012660		<20	0.18	<10	<10	97	<10	82

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182373

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182374

Project: Klaza

P.O. No.:

This report is for 160 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012661		0.22	0.002	0.3	2.53	17	<10	480	0.5	<2	0.61	<0.5	9	19	19	4.19
DD012662		0.14	0.023	0.4	1.46	4	<10	290	<0.5	<2	0.57	1.0	3	14	85	1.04
DD012663		0.20	0.002	0.2	1.51	6	<10	340	<0.5	<2	0.51	<0.5	4	12	22	1.84
DD012664		0.26	0.001	<0.2	1.38	7	<10	300	<0.5	<2	0.39	<0.5	7	21	13	2.56
DD012665		0.44	<0.001	<0.2	1.38	7	<10	290	<0.5	<2	0.53	<0.5	7	20	20	2.43
DD012666		0.38	0.001	<0.2	1.67	11	<10	300	0.5	<2	0.39	<0.5	8	23	15	2.95
DD012667		0.30	0.003	<0.2	1.86	6	<10	380	0.5	<2	0.53	<0.5	7	25	27	2.92
DD012668		0.42	<0.001	<0.2	1.39	6	<10	180	<0.5	<2	0.30	<0.5	6	23	14	2.16
DD012669		0.26	0.002	<0.2	1.73	7	<10	240	<0.5	<2	0.35	<0.5	6	25	23	1.93
DD012670		0.38	0.018	<0.2	1.58	8	<10	170	<0.5	2	0.36	<0.5	6	25	17	2.05
DD012671		0.24	0.002	<0.2	1.31	5	<10	160	<0.5	<2	0.25	<0.5	5	19	20	1.63
DD012672		0.28	0.001	0.2	1.54	14	<10	210	<0.5	<2	0.46	<0.5	7	23	17	2.41
DD012673		0.20	0.002	<0.2	1.47	13	<10	190	<0.5	2	0.43	<0.5	9	26	23	2.69
DD012674		0.34	0.005	0.4	2.17	8	<10	230	0.7	5	0.36	<0.5	8	39	34	2.37
DD012675		0.36	0.002	<0.2	1.27	13	<10	110	<0.5	2	0.32	<0.5	6	22	15	2.20
DD012676		0.34	0.001	<0.2	1.53	12	<10	140	<0.5	2	0.37	<0.5	12	28	22	2.64
DD012677		0.34	<0.001	<0.2	1.63	8	<10	120	<0.5	3	0.35	<0.5	7	27	21	2.07
DD012678		0.22	0.002	<0.2	3.36	29	<10	250	0.7	4	0.59	<0.5	12	50	39	5.60
DD012679		0.42	0.005	<0.2	1.73	10	<10	140	<0.5	4	0.30	<0.5	7	24	20	2.33
DD012680		0.34	0.001	0.3	2.01	7	<10	200	<0.5	3	0.45	<0.5	11	36	25	2.80
DD012681		0.30	0.001	<0.2	1.40	7	<10	160	<0.5	<2	0.33	<0.5	6	20	12	1.89
DD012682		0.34	<0.001	<0.2	1.80	18	<10	180	<0.5	<2	0.37	<0.5	7	21	16	2.44
DD012683		0.38	0.002	0.2	1.76	17	<10	200	0.5	<2	0.37	<0.5	8	23	22	2.52
DD012684		0.28	0.006	<0.2	1.46	7	<10	150	<0.5	2	0.37	<0.5	10	27	17	2.18
DD012685		0.26	0.001	0.2	1.57	11	<10	200	<0.5	2	0.51	<0.5	9	22	29	2.49
DD012686		0.26	0.001	<0.2	1.57	8	<10	120	0.5	<2	0.18	<0.5	6	21	27	2.27
DD012687		0.28	0.006	0.3	1.96	8	<10	120	0.5	3	0.39	0.5	8	20	84	2.70
DD012688		0.22	0.001	<0.2	2.19	13	<10	130	0.5	2	0.17	<0.5	9	25	35	2.90
DD012689		0.22	0.001	0.2	2.21	9	<10	70	0.5	<2	0.17	0.6	6	20	34	2.81
DD012690		0.24	0.002	0.7	1.70	9	<10	180	0.5	6	0.35	<0.5	7	21	76	2.56
DD012691		0.22	<0.001	0.2	1.00	3	<10	180	<0.5	2	0.27	<0.5	5	12	29	2.21
DD012692		0.18	0.002	0.5	2.34	8	<10	220	0.7	2	0.52	<0.5	7	25	34	2.78
DD012693		0.32	0.003	0.3	2.43	16	<10	290	0.7	3	0.54	<0.5	10	28	51	3.26
DD012694		0.32	<0.001	<0.2	1.92	10	<10	160	<0.5	2	0.41	<0.5	7	19	26	2.69
DD012695		0.18	0.003	0.2	1.34	6	<10	160	0.5	<2	0.54	<0.5	6	17	22	2.19
DD012696		0.24	0.003	0.2	2.06	13	<10	160	0.5	2	0.38	<0.5	7	25	24	3.10
DD012697		0.34	0.001	<0.2	1.87	6	<10	150	<0.5	<2	0.39	<0.5	8	19	14	2.15
DD012698		0.26	0.001	<0.2	1.36	4	<10	110	<0.5	<2	0.34	<0.5	5	18	9	1.45
DD012699		0.22	0.002	0.2	1.72	3	<10	240	0.5	<2	0.49	<0.5	4	29	24	1.24
DD012700		0.28	<0.001	0.2	1.94	11	<10	220	0.6	<2	0.62	<0.5	9	23	23	2.75

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012661		10	<1	0.17	20	0.54	347	2	0.02	7	820	16	0.05	<2	7	41
DD012662		<10	<1	0.04	20	0.17	121	1	0.02	8	1040	6	0.18	<2	2	47
DD012663		<10	1	0.07	20	0.24	192	<1	0.02	5	810	6	0.09	<2	5	38
DD012664		<10	1	0.10	20	0.45	411	1	0.01	11	500	8	0.01	<2	5	30
DD012665		<10	<1	0.08	20	0.46	436	<1	0.02	12	550	10	0.02	<2	5	37
DD012666		10	<1	0.11	10	0.58	623	1	0.02	10	510	15	0.01	<2	7	30
DD012667		10	<1	0.11	20	0.61	485	<1	0.02	10	940	7	0.04	<2	6	42
DD012668		10	<1	0.06	10	0.49	256	<1	0.02	12	370	7	<0.01	<2	4	23
DD012669		10	<1	0.04	10	0.41	165	<1	0.02	10	610	10	0.04	<2	4	28
DD012670		10	<1	0.03	10	0.53	229	<1	0.02	10	540	11	<0.01	<2	4	23
DD012671		<10	<1	0.04	10	0.36	157	<1	0.03	7	440	9	0.01	<2	4	17
DD012672		10	<1	0.04	10	0.56	470	1	0.02	10	560	10	0.02	<2	4	33
DD012673		10	<1	0.07	10	0.64	509	<1	0.02	11	710	11	0.01	<2	5	27
DD012674		10	<1	0.09	30	0.67	228	<1	0.02	17	500	18	<0.01	<2	8	24
DD012675		<10	<1	0.07	10	0.49	327	<1	0.02	10	540	34	<0.01	<2	3	18
DD012676		10	<1	0.08	10	0.55	472	<1	0.02	13	700	13	<0.01	<2	4	22
DD012677		10	<1	0.07	10	0.58	220	<1	0.02	13	650	17	<0.01	2	4	19
DD012678		10	<1	0.12	20	0.98	401	1	0.04	20	1240	24	0.04	<2	7	37
DD012679		10	<1	0.06	10	0.50	222	<1	0.02	12	660	15	<0.01	<2	4	18
DD012680		10	<1	0.10	10	0.83	588	<1	0.02	14	720	13	0.02	<2	6	29
DD012681		10	<1	0.05	10	0.44	525	<1	0.02	10	680	8	0.01	<2	3	20
DD012682		10	<1	0.10	10	0.60	329	<1	0.02	10	590	10	0.01	<2	5	25
DD012683		10	<1	0.11	10	0.55	493	<1	0.02	11	590	14	0.01	<2	5	24
DD012684		<10	<1	0.08	10	0.47	592	<1	0.02	11	650	13	0.01	<2	4	23
DD012685		10	<1	0.10	10	0.52	685	1	0.03	11	640	15	0.02	<2	4	31
DD012686		10	<1	0.07	10	0.40	396	1	0.02	11	610	8	0.03	<2	2	15
DD012687		10	<1	0.07	20	0.56	499	<1	0.02	10	700	18	0.01	<2	5	34
DD012688		10	1	0.09	10	0.52	599	1	0.02	16	460	14	0.02	<2	3	14
DD012689		10	<1	0.05	10	0.37	283	1	0.02	11	420	16	0.03	<2	3	16
DD012690		10	<1	0.09	20	0.44	507	<1	0.02	10	510	13	0.01	2	4	26
DD012691		<10	<1	0.05	10	0.22	417	<1	0.02	6	530	9	0.02	<2	1	23
DD012692		10	<1	0.13	20	0.70	435	1	0.03	13	780	18	0.05	<2	5	35
DD012693		10	<1	0.12	20	0.72	728	1	0.03	15	730	14	0.02	<2	5	38
DD012694		10	<1	0.16	10	0.59	454	<1	0.04	11	590	8	0.01	<2	4	32
DD012695		<10	<1	0.07	10	0.37	414	<1	0.03	9	700	8	0.06	<2	4	33
DD012696		10	<1	0.06	10	0.59	377	1	0.02	11	660	13	0.04	<2	4	26
DD012697		10	<1	0.10	10	0.59	367	<1	0.03	8	730	10	0.01	<2	4	23
DD012698		<10	<1	0.07	10	0.42	207	<1	0.02	7	630	8	0.01	<2	3	19
DD012699		10	<1	0.06	20	0.26	217	<1	0.02	8	980	11	0.07	<2	4	29
DD012700		10	<1	0.10	20	0.60	676	<1	0.03	12	850	15	0.05	<2	4	38

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CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012661		<20	0.12	<10	<10	102	<10	69
DD012662		<20	0.03	<10	<10	55	<10	54
DD012663		<20	0.05	<10	<10	69	<10	52
DD012664		<20	0.07	<10	<10	53	<10	56
DD012665		<20	0.06	<10	<10	52	<10	67
DD012666		<20	0.09	<10	<10	68	<10	64
DD012667		<20	0.09	<10	<10	72	<10	68
DD012668		<20	0.09	<10	<10	52	<10	57
DD012669		<20	0.06	<10	<10	51	<10	57
DD012670		<20	0.10	<10	<10	54	<10	54
DD012671		<20	0.08	<10	<10	50	<10	58
DD012672		<20	0.08	<10	<10	59	<10	62
DD012673		<20	0.11	<10	<10	65	<10	58
DD012674		<20	0.10	<10	<10	74	<10	69
DD012675		<20	0.10	<10	<10	50	<10	59
DD012676		<20	0.11	<10	<10	60	<10	60
DD012677		<20	0.11	<10	<10	54	<10	59
DD012678		<20	0.10	<10	<10	133	<10	91
DD012679		<20	0.07	<10	<10	50	<10	51
DD012680		<20	0.13	<10	<10	75	<10	83
DD012681		<20	0.06	<10	<10	43	<10	54
DD012682		<20	0.09	<10	<10	56	<10	71
DD012683		<20	0.07	<10	<10	56	<10	71
DD012684		<20	0.07	<10	<10	49	<10	67
DD012685		<20	0.07	<10	<10	53	<10	81
DD012686		<20	0.06	<10	<10	47	<10	55
DD012687		<20	0.07	<10	<10	56	<10	175
DD012688		<20	0.07	<10	<10	57	<10	66
DD012689		<20	0.08	<10	<10	61	<10	70
DD012690		<20	0.06	<10	<10	53	<10	59
DD012691		<20	0.06	<10	<10	59	<10	43
DD012692		<20	0.08	<10	<10	61	<10	75
DD012693		<20	0.09	<10	<10	70	<10	92
DD012694		<20	0.10	<10	<10	62	<10	68
DD012695		<20	0.06	<10	<10	50	<10	51
DD012696		<20	0.06	<10	<10	72	<10	62
DD012697		<20	0.09	<10	<10	48	<10	63
DD012698		<20	0.07	<10	<10	33	<10	45
DD012699		<20	0.03	<10	<10	27	<10	35
DD012700		<20	0.06	<10	<10	59	<10	72

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012701		0.38	0.001	0.2	1.43	8	<10	130	<0.5	<2	0.47	<0.5	9	24	20	2.42
DD012702		0.26	0.001	0.2	1.46	8	<10	190	0.5	<2	0.55	<0.5	8	21	22	2.68
DD012703		0.22	<0.001	0.3	2.19	12	<10	220	0.8	<2	0.87	<0.5	11	23	29	2.90
DD012704		0.22	0.002	0.4	2.26	15	<10	220	0.8	2	0.51	<0.5	10	28	33	3.19
DD012705		0.20	<0.001	0.5	1.88	22	<10	180	0.6	<2	0.65	<0.5	9	24	31	3.06
DD012706		0.30	<0.001	0.2	1.05	8	<10	70	<0.5	<2	0.24	<0.5	7	18	16	2.18
DD012707		0.22	0.008	<0.2	1.42	12	<10	140	0.5	<2	0.21	<0.5	13	18	17	3.24
DD012708		0.14	0.003	0.2	1.35	6	<10	170	0.6	<2	0.37	<0.5	7	18	22	2.07
DD012709		0.28	0.002	0.3	1.46	6	<10	140	<0.5	<2	0.32	1.4	7	24	16	1.98
DD012710		0.18	0.001	<0.2	1.38	7	<10	100	<0.5	<2	0.30	1.0	8	22	15	2.11
DD012711		0.26	0.001	<0.2	1.63	5	<10	140	<0.5	<2	0.28	0.5	9	28	16	2.30
DD012712		0.28	0.003	<0.2	1.61	10	<10	120	<0.5	<2	0.31	<0.5	8	28	10	2.64
DD012713		0.24	0.006	0.2	1.53	11	<10	130	<0.5	<2	0.31	1.0	9	29	24	3.35
DD012714		0.30	<0.001	0.2	1.40	7	<10	220	0.6	<2	0.34	1.6	9	26	28	2.46
DD012715		0.26	0.001	0.3	1.61	9	<10	220	0.6	<2	0.27	<0.5	8	27	21	3.14
DD012716		0.30	0.001	<0.2	1.57	9	<10	240	0.5	<2	0.38	<0.5	8	29	19	2.50
DD012717		0.34	<0.001	0.2	1.91	8	<10	170	0.5	<2	0.29	<0.5	9	30	20	2.42
DD012718		0.24	0.002	0.2	1.57	36	<10	250	0.5	<2	0.33	<0.5	9	26	18	2.51
DD012719		0.36	<0.001	0.2	1.26	20	<10	120	<0.5	<2	0.24	<0.5	13	21	11	2.38
DD012720		0.18	0.001	1.2	1.58	186	<10	270	0.6	<2	0.22	<0.5	9	25	30	8.92
DD012721		0.26	0.001	0.5	1.87	18	<10	250	0.6	<2	0.49	0.7	12	38	60	3.12
DD012722		0.32	0.002	0.3	2.03	17	<10	170	0.5	2	0.45	<0.5	12	53	48	3.15
DD012723		0.30	0.003	0.4	1.61	39	<10	140	0.5	<2	0.40	<0.5	10	34	34	2.74
DD012724		0.22	<0.001	0.2	1.38	10	<10	200	<0.5	<2	0.49	<0.5	6	20	20	1.86
DD012725		0.18	<0.001	0.2	1.21	3	<10	210	<0.5	<2	0.46	<0.5	5	15	21	1.33
DD012726		0.22	<0.001	0.4	1.38	4	<10	220	<0.5	<2	0.42	<0.5	7	19	23	2.02
DD012727		0.28	<0.001	0.2	1.46	6	<10	160	<0.5	<2	0.36	<0.5	5	19	8	1.60
DD012728		0.20	<0.001	0.3	2.29	11	<10	270	<0.5	2	0.59	<0.5	11	26	32	4.00
DD012729		0.30	0.001	0.2	1.58	12	<10	150	<0.5	<2	0.28	<0.5	8	19	22	2.99
DD012730		0.30	0.001	<0.2	2.10	10	<10	170	<0.5	<2	0.29	<0.5	9	24	21	2.51
DD012731		0.22	0.001	0.2	1.67	14	<10	210	<0.5	<2	0.39	<0.5	8	23	20	2.09
DD012732		0.28	0.002	0.2	1.61	6	<10	170	<0.5	<2	0.34	<0.5	7	21	16	1.71
DD012733		0.18	0.005	<0.2	1.38	10	<10	160	<0.5	<2	0.32	<0.5	7	18	17	2.30
DD012734		0.18	0.001	<0.2	0.26	<2	<10	20	<0.5	<2	0.22	<0.5	4	5	4	1.23
DD012735		0.26	0.001	0.2	1.53	6	<10	260	<0.5	<2	0.34	<0.5	7	22	18	1.89
DD012736		0.22	0.001	<0.2	1.49	6	<10	250	<0.5	<2	0.31	<0.5	8	22	17	2.13
DD012737		0.18	0.001	0.3	1.93	3	<10	690	0.6	<2	0.83	<0.5	5	26	54	2.11
DD012738		0.16	0.001	<0.2	0.97	2	<10	310	<0.5	<2	0.40	<0.5	4	15	28	1.21
DD012739		0.34	0.001	<0.2	1.47	29	<10	270	<0.5	<2	0.40	<0.5	7	22	17	2.50
DD012740		0.24	0.002	2.4	1.29	11	<10	340	<0.5	<2	0.46	<0.5	6	17	26	2.22

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CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012701		<10	<1	0.13	10	0.56	430	1	0.03	15	520	14	0.03	2	4	27
DD012702		<10	<1	0.13	20	0.53	512	1	0.03	13	560	15	0.04	3	4	31
DD012703		10	<1	0.14	30	0.71	919	1	0.03	13	840	15	0.07	2	5	45
DD012704		10	<1	0.15	30	0.68	640	1	0.02	15	630	21	0.05	3	5	32
DD012705		10	<1	0.13	20	0.59	678	2	0.02	12	760	17	0.06	2	5	31
DD012706		<10	<1	0.09	20	0.40	396	1	0.01	9	440	7	0.04	3	2	16
DD012707		<10	<1	0.12	10	0.51	1065	2	0.01	7	480	17	0.02	3	4	16
DD012708		<10	<1	0.06	20	0.38	398	1	0.02	9	830	21	0.06	2	2	27
DD012709		<10	<1	0.08	10	0.50	282	<1	0.01	9	770	16	0.02	2	3	19
DD012710		<10	<1	0.08	10	0.47	229	1	0.02	10	590	32	0.02	2	3	15
DD012711		10	<1	0.12	10	0.58	261	<1	0.01	12	600	29	0.01	<2	5	15
DD012712		10	<1	0.07	10	0.61	237	<1	0.01	10	600	22	0.02	3	4	16
DD012713		<10	<1	0.08	10	0.56	248	1	0.02	11	800	27	0.04	3	4	19
DD012714		<10	<1	0.12	20	0.52	219	1	0.02	12	570	26	0.01	4	7	19
DD012715		<10	<1	0.08	20	0.46	182	1	0.02	11	760	13	0.03	3	6	19
DD012716		<10	<1	0.10	20	0.56	239	<1	0.02	13	630	9	0.01	3	7	23
DD012717		10	<1	0.08	10	0.54	353	<1	0.02	13	790	8	0.04	2	5	20
DD012718		<10	<1	0.10	20	0.50	435	1	0.01	13	550	11	0.02	<2	7	23
DD012719		<10	<1	0.08	10	0.43	303	<1	0.01	11	430	12	0.01	2	4	14
DD012720		<10	<1	0.08	20	0.18	1035	9	0.02	5	830	40	0.05	11	6	16
DD012721		10	<1	0.09	20	0.72	516	2	0.02	17	710	22	0.05	2	8	27
DD012722		<10	<1	0.10	20	1.04	315	2	0.02	48	590	15	0.02	4	7	25
DD012723		<10	<1	0.10	10	0.57	287	2	0.02	16	530	18	0.01	9	6	23
DD012724		<10	<1	0.08	10	0.44	208	1	0.02	9	530	17	0.04	2	4	26
DD012725		<10	<1	0.08	10	0.32	191	<1	0.03	6	490	7	0.05	<2	3	29
DD012726		<10	<1	0.08	10	0.39	440	1	0.02	10	650	8	0.05	2	4	27
DD012727		<10	<1	0.07	10	0.41	144	<1	0.02	8	520	13	0.02	<2	3	21
DD012728		10	<1	0.10	20	0.54	837	1	0.03	12	860	7	0.06	<2	6	43
DD012729		<10	<1	0.08	10	0.43	380	1	0.03	9	570	6	0.02	<2	4	21
DD012730		10	<1	0.11	10	0.59	259	<1	0.02	12	670	9	0.02	<2	4	20
DD012731		10	<1	0.08	10	0.48	284	<1	0.02	10	830	8	0.04	<2	4	27
DD012732		<10	<1	0.09	10	0.47	285	<1	0.02	10	560	8	0.02	<2	4	22
DD012733		<10	<1	0.09	10	0.40	325	1	0.02	8	720	7	0.03	<2	3	21
DD012734		<10	<1	0.03	<10	0.07	73	<1	0.04	1	650	<2	0.02	2	1	13
DD012735		<10	<1	0.10	10	0.47	215	1	0.02	10	520	8	0.04	<2	6	23
DD012736		<10	<1	0.08	10	0.49	218	<1	0.02	11	600	5	0.03	2	4	23
DD012737		10	<1	0.07	40	0.31	198	<1	0.02	16	1570	8	0.14	<2	6	59
DD012738		<10	<1	0.04	10	0.24	236	<1	0.03	7	850	5	0.06	<2	3	27
DD012739		<10	<1	0.08	10	0.52	520	<1	0.02	11	510	6	0.02	<2	4	26
DD012740		10	<1	0.05	10	0.34	590	1	0.03	8	830	20	0.05	<2	4	32

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012701		<20	0.07	<10	<10	54	<10	68
DD012702		<20	0.07	<10	<10	56	<10	60
DD012703		<20	0.07	<10	<10	62	<10	82
DD012704		<20	0.08	<10	<10	66	<10	90
DD012705		<20	0.06	<10	<10	61	<10	87
DD012706		<20	0.07	<10	<10	53	<10	49
DD012707		<20	0.04	<10	<10	56	<10	116
DD012708		<20	0.04	<10	<10	45	<10	61
DD012709		<20	0.06	<10	<10	47	<10	170
DD012710		<20	0.07	<10	<10	50	<10	89
DD012711		<20	0.08	<10	<10	56	<10	122
DD012712		<20	0.08	<10	<10	77	<10	108
DD012713		<20	0.09	<10	<10	64	<10	174
DD012714		<20	0.06	<10	<10	56	<10	152
DD012715		<20	0.05	<10	<10	59	<10	68
DD012716		<20	0.10	<10	<10	59	<10	66
DD012717		<20	0.07	<10	<10	54	<10	71
DD012718		<20	0.05	<10	<10	53	<10	77
DD012719		<20	0.07	<10	<10	51	<10	70
DD012720		<20	0.01	<10	<10	125	<10	91
DD012721		<20	0.08	<10	<10	86	<10	101
DD012722		<20	0.11	<10	<10	83	<10	88
DD012723		<20	0.08	<10	<10	61	<10	98
DD012724		<20	0.04	<10	<10	47	<10	71
DD012725		<20	0.05	<10	<10	36	<10	56
DD012726		<20	0.04	<10	<10	44	<10	79
DD012727		<20	0.06	<10	<10	41	<10	83
DD012728		<20	0.07	<10	<10	63	<10	63
DD012729		<20	0.07	<10	<10	54	<10	44
DD012730		<20	0.08	<10	<10	60	<10	59
DD012731		<20	0.06	<10	<10	51	<10	55
DD012732		<20	0.07	<10	<10	47	<10	56
DD012733		<20	0.07	<10	<10	55	<10	54
DD012734		<20	0.07	<10	<10	42	<10	20
DD012735		<20	0.07	<10	<10	61	<10	78
DD012736		<20	0.07	<10	<10	52	<10	60
DD012737		<20	0.03	<10	<10	35	<10	50
DD012738		<20	0.05	<10	<10	36	<10	39
DD012739		<20	0.09	<10	<10	57	<10	78
DD012740		<20	0.06	<10	<10	51	<10	88

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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012741		0.22	0.008	0.3	1.55	65	<10	380	0.5	<2	0.41	<0.5	8	21	25	3.02
DD012742		0.22	0.002	0.5	1.41	31	<10	540	<0.5	<2	0.41	<0.5	10	19	27	2.75
DD012743		0.28	0.001	<0.2	1.45	11	<10	320	<0.5	<2	0.37	<0.5	7	20	23	2.85
DD012744		0.36	0.002	<0.2	1.92	24	<10	420	0.5	<2	0.46	<0.5	8	28	28	2.77
DD012745		0.24	0.005	0.6	2.35	12	<10	460	<0.5	<2	0.54	<0.5	12	25	41	3.20
DD012746		0.28	0.003	<0.2	1.19	8	<10	200	<0.5	<2	0.32	<0.5	6	16	26	1.80
DD012747		0.20	0.003	0.7	1.33	9	<10	620	<0.5	<2	0.63	0.6	4	13	31	2.86
DD012748		0.20	0.002	<0.2	0.67	<2	<10	240	<0.5	<2	0.41	<0.5	2	7	20	0.82
DD012749		0.26	<0.001	<0.2	1.85	8	<10	270	0.5	<2	0.46	<0.5	8	26	21	2.61
DD012750		0.20	0.004	0.3	1.95	7	<10	420	0.6	<2	0.64	<0.5	7	25	30	2.40
DD012751		0.24	0.003	<0.2	1.88	13	<10	310	0.5	<2	0.24	<0.5	11	22	16	2.99
DD012752		0.30	<0.001	<0.2	2.21	12	<10	320	0.5	<2	0.31	<0.5	8	28	16	3.43
DD012753		0.28	0.003	<0.2	1.72	10	<10	380	0.6	<2	0.32	<0.5	6	21	24	2.93
DD012754		0.26	0.009	<0.2	2.15	12	<10	240	0.5	<2	0.26	<0.5	8	27	25	3.42
DD012755		0.36	<0.001	<0.2	1.11	10	<10	180	<0.5	<2	0.30	<0.5	6	19	13	2.58
DD012756		0.24	0.008	<0.2	1.24	5	<10	320	<0.5	<2	0.53	<0.5	6	20	19	2.26
DD012757		0.24	<0.001	<0.2	0.97	7	<10	120	<0.5	<2	0.30	<0.5	4	16	8	1.79
DD012758		0.16	<0.001	0.2	1.52	9	<10	280	0.5	<2	0.31	0.5	6	22	41	2.22
DD012759		0.24	<0.001	<0.2	1.61	14	<10	330	0.5	<2	0.40	<0.5	9	23	29	2.71
DD012760		0.18	0.006	0.3	1.23	12	<10	310	0.5	<2	0.50	1.2	9	19	17	2.22
DD012761		0.22	0.015	0.2	1.23	9	<10	300	<0.5	<2	0.53	0.7	6	19	15	1.73
DD012762		0.18	0.005	0.2	1.08	12	<10	230	<0.5	<2	0.51	<0.5	5	17	14	2.05
DD012763		0.22	0.008	0.2	1.26	8	<10	230	<0.5	<2	0.47	<0.5	5	17	21	1.72
DD012764		0.24	0.003	0.2	1.53	12	<10	260	<0.5	<2	0.46	<0.5	6	21	13	2.06
DD012765		0.24	0.003	0.2	1.53	10	<10	290	<0.5	<2	0.49	<0.5	7	24	12	2.22
DD012766		0.20	0.003	<0.2	1.55	6	<10	390	<0.5	<2	0.50	<0.5	5	22	16	1.82
DD012767		0.24	0.003	<0.2	1.40	7	<10	230	<0.5	<2	0.33	<0.5	6	24	11	1.88
DD012768		0.26	0.003	<0.2	1.71	12	<10	440	0.5	<2	0.53	<0.5	6	28	20	2.23
DD012769		0.20	0.004	<0.2	1.42	8	<10	520	<0.5	<2	0.76	<0.5	4	25	15	1.87
DD012770		0.24	0.003	<0.2	1.15	5	<10	280	<0.5	<2	0.39	<0.5	5	18	12	1.69
DD012771		0.28	0.004	0.2	1.39	4	<10	410	0.5	<2	0.48	<0.5	5	15	31	2.00
DD012772		0.28	0.005	<0.2	1.08	9	<10	250	<0.5	<2	0.40	<0.5	7	17	29	2.14
DD012773		0.22	0.006	0.6	1.80	3	<10	620	0.8	2	0.77	<0.5	10	16	44	2.65
DD012774		0.24	0.061	1.4	2.25	10	<10	870	0.8	3	0.69	<0.5	11	20	27	3.63
DD012775		0.22	0.001	<0.2	1.86	2	<10	450	0.5	<2	0.41	<0.5	9	13	16	3.08
DD012776		0.18	0.002	<0.2	1.04	3	<10	420	<0.5	<2	0.63	<0.5	6	13	15	1.97
DD012777		0.32	0.003	0.5	1.43	6	<10	620	0.7	<2	0.54	<0.5	15	12	28	4.73
DD012778		0.24	0.002	<0.2	1.66	4	<10	550	0.5	<2	0.58	<0.5	10	17	18	3.01
DD012779		0.22	0.003	<0.2	1.69	4	<10	460	0.6	<2	0.49	<0.5	7	24	27	2.45
DD012780		0.24	0.004	<0.2	1.31	4	<10	200	<0.5	2	0.27	<0.5	6	16	13	1.63

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012741		10	<1	0.07	20	0.50	651	2	0.02	10	620	17	0.03	2	6	25
DD012742		10	<1	0.06	20	0.38	541	3	0.02	10	740	35	0.04	<2	6	26
DD012743		10	<1	0.07	10	0.45	268	2	0.02	10	590	13	0.03	<2	5	22
DD012744		10	<1	0.10	20	0.60	337	1	0.02	14	530	9	0.03	<2	8	31
DD012745		10	1	0.14	20	0.77	447	2	0.02	10	1000	13	0.04	<2	7	27
DD012746		<10	<1	0.02	10	0.27	229	<1	0.02	7	780	6	0.04	<2	2	19
DD012747		<10	1	0.06	30	0.24	191	<1	0.03	7	770	16	0.11	<2	8	43
DD012748		<10	<1	0.02	10	0.09	85	<1	0.04	4	600	3	0.05	<2	2	29
DD012749		10	<1	0.05	20	0.62	406	<1	0.02	12	580	11	0.03	<2	5	28
DD012750		10	<1	0.04	20	0.50	370	<1	0.02	11	1020	10	0.07	<2	6	42
DD012751		10	<1	0.09	10	0.40	437	1	0.02	11	340	18	0.01	<2	5	20
DD012752		10	<1	0.07	10	0.53	309	1	0.02	14	290	14	0.01	<2	4	30
DD012753		10	<1	0.05	10	0.42	393	1	0.01	9	380	12	0.01	<2	4	35
DD012754		10	<1	0.07	10	0.49	318	1	0.01	12	360	12	0.01	<2	5	26
DD012755		10	1	0.04	10	0.37	256	1	0.01	8	360	9	0.01	<2	3	21
DD012756		<10	<1	0.04	10	0.40	357	1	0.02	8	760	8	0.03	<2	3	35
DD012757		<10	<1	0.03	10	0.28	128	<1	0.01	7	630	7	0.01	<2	2	16
DD012758		10	<1	0.03	10	0.26	203	2	0.03	10	670	11	0.03	<2	2	28
DD012759		10	<1	0.03	10	0.35	289	2	0.03	11	780	13	0.03	<2	3	43
DD012760		<10	<1	0.03	20	0.36	549	<1	0.02	10	960	25	0.03	<2	4	44
DD012761		<10	<1	0.02	20	0.37	275	<1	0.02	10	860	20	0.05	<2	4	50
DD012762		<10	<1	0.02	10	0.32	312	<1	0.02	8	910	20	0.04	<2	3	44
DD012763		<10	<1	0.02	10	0.34	412	<1	0.02	8	860	18	0.04	<2	3	37
DD012764		<10	<1	0.03	10	0.40	299	1	0.02	9	760	21	0.04	<2	3	37
DD012765		10	<1	0.06	10	0.44	386	<1	0.02	11	760	17	0.03	<2	4	34
DD012766		<10	<1	0.03	10	0.37	300	<1	0.02	11	840	16	0.06	<2	3	37
DD012767		<10	<1	0.06	10	0.45	184	<1	0.02	12	460	11	0.02	<2	3	23
DD012768		10	<1	0.05	20	0.45	315	<1	0.02	12	710	22	0.05	<2	5	37
DD012769		10	<1	0.03	10	0.37	114	<1	0.02	10	880	12	0.09	<2	4	47
DD012770		<10	<1	0.03	20	0.31	158	<1	0.02	7	610	6	0.02	<2	4	22
DD012771		<10	<1	0.08	40	0.33	169	<1	0.02	6	600	9	0.04	<2	9	26
DD012772		<10	<1	0.06	10	0.36	433	1	0.01	9	690	8	0.01	<2	4	23
DD012773		<10	1	0.14	60	0.39	467	2	0.04	12	640	15	0.04	<2	13	40
DD012774		10	<1	0.17	20	0.49	740	1	0.03	11	790	161	0.04	3	8	43
DD012775		10	<1	0.15	20	0.52	476	<1	0.04	6	490	11	0.02	<2	7	28
DD012776		<10	<1	0.06	20	0.25	320	<1	0.04	6	570	5	0.03	<2	3	37
DD012777		10	1	0.14	30	0.49	1145	1	0.04	4	950	30	0.02	4	10	27
DD012778		10	<1	0.11	20	0.51	613	<1	0.04	8	740	12	0.03	<2	9	34
DD012779		<10	1	0.09	30	0.47	667	<1	0.03	13	790	11	0.04	<2	7	34
DD012780		<10	<1	0.08	10	0.40	164	<1	0.04	7	410	10	0.01	<2	3	21

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Finalized Date: 24- OCT- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012741		<20	0.08	<10	<10	65	<10	85
DD012742		<20	0.06	<10	<10	55	<10	81
DD012743		<20	0.08	<10	<10	65	<10	67
DD012744		<20	0.09	<10	<10	66	<10	74
DD012745		<20	0.14	<10	<10	80	<10	94
DD012746		<20	0.08	<10	<10	69	<10	49
DD012747		<20	0.02	<10	<10	42	<10	62
DD012748		<20	0.02	<10	<10	16	<10	21
DD012749		<20	0.06	<10	<10	60	<10	65
DD012750		<20	0.04	<10	<10	55	<10	51
DD012751		<20	0.06	<10	<10	60	<10	64
DD012752		<20	0.07	<10	<10	72	<10	58
DD012753		<20	0.04	<10	<10	62	<10	48
DD012754		<20	0.06	<10	<10	71	<10	54
DD012755		<20	0.07	<10	<10	64	<10	43
DD012756		<20	0.06	<10	<10	55	<10	52
DD012757		<20	0.06	<10	<10	43	<10	30
DD012758		<20	0.05	<10	<10	60	<10	33
DD012759		<20	0.05	<10	10	60	<10	53
DD012760		<20	0.05	<10	<10	43	<10	122
DD012761		<20	0.05	<10	<10	38	<10	97
DD012762		<20	0.04	<10	<10	46	<10	73
DD012763		<20	0.04	<10	10	38	<10	62
DD012764		<20	0.04	<10	<10	45	<10	76
DD012765		<20	0.07	<10	<10	52	<10	85
DD012766		<20	0.05	<10	<10	40	<10	58
DD012767		<20	0.07	<10	<10	46	<10	53
DD012768		<20	0.07	<10	10	53	<10	79
DD012769		<20	0.06	<10	<10	52	<10	64
DD012770		<20	0.06	<10	<10	41	<10	43
DD012771		<20	0.06	<10	<10	43	<10	50
DD012772		<20	0.06	<10	<10	41	<10	43
DD012773		<20	0.04	<10	<10	53	<10	60
DD012774		<20	0.04	<10	<10	65	<10	84
DD012775		<20	0.07	<10	<10	68	<10	52
DD012776		<20	0.06	<10	<10	47	<10	36
DD012777		<20	0.09	<10	<10	89	<10	112
DD012778		<20	0.07	<10	<10	69	<10	77
DD012779		<20	0.05	<10	<10	55	<10	56
DD012780		<20	0.07	<10	<10	39	<10	52

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CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012781		0.18	0.002	0.2	0.72	3	<10	220	<0.5	<2	0.56	<0.5	3	10	14	1.18
DD012782		0.24	0.003	<0.2	1.42	6	<10	240	<0.5	<2	0.32	<0.5	7	21	13	2.22
DD012783		0.20	0.005	0.3	1.68	4	<10	340	0.5	2	0.48	<0.5	5	20	24	1.97
DD012784		0.30	0.004	<0.2	1.63	5	<10	200	<0.5	<2	0.35	<0.5	7	23	13	2.27
DD012785		0.26	0.001	<0.2	0.59	6	<10	130	<0.5	<2	0.40	<0.5	6	7	17	1.68
DD012786		0.20	0.002	0.2	1.22	6	<10	200	<0.5	<2	0.33	<0.5	13	18	17	1.93
DD012787		0.34	0.004	<0.2	1.50	6	<10	220	<0.5	<2	0.32	<0.5	6	23	16	2.06
DD012788		0.24	0.001	<0.2	1.45	5	<10	270	<0.5	2	0.51	<0.5	7	19	23	1.96
DD012789		0.22	0.002	<0.2	1.12	4	<10	150	<0.5	2	0.31	<0.5	5	16	15	1.37
DD012790		0.22	0.004	<0.2	1.29	8	<10	180	<0.5	2	0.31	<0.5	4	18	25	2.34
DD012791		0.28	0.007	0.2	1.38	13	<10	150	<0.5	3	0.28	<0.5	9	23	15	2.14
DD012792		0.24	0.026	0.4	1.15	10	<10	120	<0.5	2	0.30	<0.5	7	21	16	1.71
DD012793		0.24	0.008	<0.2	1.24	12	<10	140	<0.5	3	0.26	<0.5	5	19	14	1.76
DD012794		0.20	0.002	<0.2	1.07	6	<10	150	<0.5	<2	0.29	<0.5	5	17	14	1.53
DD012795		0.26	0.003	0.2	1.50	9	<10	140	<0.5	<2	0.30	<0.5	8	22	13	2.32
DD012796		0.22	0.002	<0.2	1.77	7	<10	230	<0.5	2	0.31	<0.5	8	25	13	1.93
DD012797		0.22	0.004	0.2	1.69	16	<10	190	<0.5	3	0.27	<0.5	7	25	13	2.51
DD012798		0.30	0.003	<0.2	1.73	11	<10	180	<0.5	2	0.26	<0.5	8	24	13	2.58
DD012799		0.26	0.002	<0.2	1.56	10	<10	150	<0.5	<2	0.26	<0.5	6	22	12	1.98
DD012800		0.28	0.003	0.2	1.58	6	<10	140	<0.5	2	0.25	<0.5	7	22	11	1.77
DD012801		0.14	0.005	1.2	1.46	18	<10	180	0.5	3	0.46	<0.5	8	20	32	1.97
DD012802		0.24	0.009	1.4	0.97	55	<10	190	0.5	6	0.35	1.3	9	14	19	2.95
DD012803		0.32	0.005	<0.2	1.34	9	<10	150	<0.5	<2	0.38	<0.5	7	20	14	2.43
DD012804		0.20	0.004	0.2	1.75	11	<10	200	0.6	2	0.36	<0.5	9	24	23	2.92
DD012805		0.24	0.003	<0.2	1.24	7	<10	170	0.6	<2	0.34	<0.5	6	13	23	2.26
DD012806		0.20	0.002	<0.2	2.13	8	<10	110	0.5	<2	0.21	<0.5	8	28	26	2.72
DD012807		0.18	0.002	<0.2	0.97	<2	<10	70	<0.5	2	0.26	<0.5	4	11	19	1.37
DD012808		0.18	0.003	0.2	1.66	10	<10	90	0.5	3	0.33	<0.5	7	25	20	2.38
DD012809		0.22	0.009	<0.2	2.30	10	<10	90	0.6	<2	0.18	<0.5	7	22	24	2.70
DD012810		0.26	0.003	0.2	1.74	9	<10	150	0.5	<2	0.34	<0.5	7	19	15	2.74
DD012811		0.20	0.007	<0.2	1.90	9	<10	80	<0.5	<2	0.19	<0.5	5	24	13	2.37
DD012812		0.20	0.003	<0.2	1.71	8	<10	110	<0.5	<2	0.34	<0.5	7	22	15	2.56
DD012813		0.26	0.004	<0.2	1.61	15	<10	90	<0.5	<2	0.37	<0.5	6	19	14	2.56
DD012814		0.26	0.003	0.4	2.10	11	<10	100	0.5	<2	0.18	<0.5	8	22	18	2.81
DD012815		0.24	0.004	0.3	1.77	6	<10	150	<0.5	<2	0.47	<0.5	8	18	15	2.71
DD012816		0.32	0.007	0.6	1.55	21	<10	210	0.5	2	0.51	<0.5	5	19	31	2.09
DD012817		0.20	0.003	<0.2	1.72	6	<10	120	<0.5	2	0.39	<0.5	6	18	16	2.17
DD012818		0.20	0.004	0.2	1.62	6	<10	170	<0.5	<2	0.35	<0.5	5	20	14	2.05
DD012819		0.18	0.003	0.2	1.64	15	<10	320	0.5	<2	0.36	0.5	20	20	19	3.55
DD012820		0.18	0.006	0.2	1.82	3	<10	180	0.5	<2	0.23	<0.5	8	23	15	1.60

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	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012781		<10	<1	0.05	10	0.14	213	<1	0.05	4	630	4	0.05	<2	2	45
DD012782		<10	<1	0.07	10	0.52	293	<1	0.03	11	450	7	0.01	<2	4	23
DD012783		<10	<1	0.09	30	0.29	497	<1	0.04	12	610	10	0.04	<2	7	34
DD012784		<10	<1	0.08	10	0.55	308	<1	0.03	11	540	10	0.02	<2	4	27
DD012785		<10	<1	0.02	10	0.06	449	<1	0.05	4	770	<2	0.06	<2	1	37
DD012786		<10	<1	0.04	10	0.29	2380	<1	0.04	9	840	7	0.05	<2	2	29
DD012787		<10	<1	0.05	10	0.36	256	<1	0.04	8	760	11	0.04	<2	3	27
DD012788		<10	<1	0.05	10	0.30	846	<1	0.04	10	920	8	0.07	2	2	44
DD012789		<10	<1	0.05	10	0.26	255	<1	0.05	6	560	9	0.03	<2	3	24
DD012790		<10	<1	0.05	10	0.26	260	<1	0.04	7	860	11	0.06	<2	3	28
DD012791		<10	<1	0.07	10	0.43	243	1	0.04	8	550	13	0.01	<2	3	20
DD012792		<10	<1	0.07	10	0.38	201	<1	0.03	7	610	16	0.01	<2	3	20
DD012793		<10	<1	0.06	10	0.35	272	<1	0.04	8	610	12	0.03	<2	3	22
DD012794		<10	<1	0.05	10	0.30	379	<1	0.04	7	940	3	0.06	<2	2	26
DD012795		<10	<1	0.07	10	0.43	459	<1	0.03	11	680	9	0.02	<2	3	21
DD012796		<10	<1	0.07	10	0.47	482	<1	0.03	11	800	11	0.05	<2	3	26
DD012797		<10	<1	0.07	10	0.45	319	<1	0.04	11	610	12	0.04	<2	4	22
DD012798		<10	<1	0.07	10	0.45	213	<1	0.03	11	550	10	0.03	<2	4	19
DD012799		<10	<1	0.06	10	0.45	192	<1	0.03	10	660	9	0.03	<2	3	19
DD012800		<10	<1	0.07	10	0.46	629	<1	0.03	10	630	11	0.03	<2	3	18
DD012801		<10	<1	0.06	20	0.33	1230	<1	0.04	9	1170	25	0.11	2	3	33
DD012802		<10	<1	0.09	20	0.28	2400	1	0.03	7	740	130	0.04	6	3	27
DD012803		<10	<1	0.11	10	0.48	472	<1	0.04	8	720	7	0.02	<2	4	27
DD012804		<10	<1	0.11	10	0.48	686	<1	0.03	14	800	17	0.03	<2	4	28
DD012805		<10	<1	0.07	10	0.20	521	<1	0.04	7	750	9	0.06	<2	2	22
DD012806		10	<1	0.09	10	0.54	369	<1	0.03	15	500	11	0.05	<2	2	23
DD012807		<10	<1	0.04	10	0.20	190	<1	0.05	6	680	5	0.05	<2	1	18
DD012808		<10	<1	0.08	20	0.46	250	<1	0.04	13	750	7	0.01	<2	4	34
DD012809		10	<1	0.10	10	0.52	429	1	0.02	14	590	8	0.04	<2	3	16
DD012810		<10	<1	0.13	10	0.51	595	<1	0.03	10	350	10	0.02	<2	4	25
DD012811		<10	<1	0.06	10	0.44	242	1	0.01	12	450	7	0.02	<2	3	17
DD012812		10	<1	0.10	10	0.54	324	1	0.03	12	300	8	0.02	<2	3	30
DD012813		10	<1	0.10	10	0.49	347	1	0.03	10	380	9	0.03	<2	3	25
DD012814		10	<1	0.10	10	0.50	424	1	0.02	13	230	15	0.01	<2	4	17
DD012815		10	<1	0.13	10	0.56	607	1	0.03	10	380	15	0.03	<2	4	29
DD012816		<10	<1	0.10	20	0.44	259	1	0.02	9	550	14	0.04	2	4	27
DD012817		10	<1	0.12	10	0.58	329	1	0.03	8	530	10	0.04	<2	4	23
DD012818		10	<1	0.12	10	0.46	301	<1	0.02	8	540	10	0.04	<2	4	22
DD012819		<10	<1	0.10	10	0.37	2020	1	0.02	9	780	11	0.07	<2	4	26
DD012820		<10	<1	0.08	10	0.41	622	<1	0.01	9	790	21	0.05	<2	3	19

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182374

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012781		<20	0.04	<10	<10	30	<10	30
DD012782		<20	0.10	<10	<10	52	<10	47
DD012783		<20	0.05	<10	<10	48	<10	44
DD012784		<20	0.07	<10	<10	55	<10	63
DD012785		<20	0.04	<10	<10	32	<10	20
DD012786		<20	0.05	<10	<10	37	<10	46
DD012787		<20	0.05	<10	<10	54	<10	58
DD012788		<20	0.05	<10	<10	45	<10	58
DD012789		<20	0.06	<10	<10	36	<10	43
DD012790		<20	0.05	<10	<10	39	<10	46
DD012791		<20	0.08	<10	<10	56	<10	57
DD012792		<20	0.08	<10	<10	51	<10	64
DD012793		<20	0.05	<10	<10	37	<10	53
DD012794		<20	0.05	<10	<10	36	<10	41
DD012795		<20	0.07	<10	<10	56	<10	48
DD012796		<20	0.05	<10	<10	46	<10	62
DD012797		<20	0.06	<10	<10	53	<10	55
DD012798		<20	0.06	<10	<10	49	<10	53
DD012799		<20	0.06	<10	<10	43	<10	52
DD012800		<20	0.06	<10	<10	45	<10	48
DD012801		<20	0.04	<10	<10	41	<10	72
DD012802		<20	0.04	<10	<10	40	<10	173
DD012803		<20	0.08	<10	<10	55	<10	51
DD012804		<20	0.08	<10	<10	60	<10	78
DD012805		<20	0.04	<10	<10	41	<10	44
DD012806		<20	0.08	<10	<10	57	<10	52
DD012807		<20	0.04	<10	<10	31	<10	30
DD012808		<20	0.08	<10	<10	51	<10	50
DD012809		<20	0.07	<10	<10	54	<10	54
DD012810		<20	0.06	<10	<10	54	<10	59
DD012811		<20	0.07	<10	<10	51	<10	42
DD012812		<20	0.10	<10	<10	59	<10	52
DD012813		<20	0.08	<10	<10	57	<10	56
DD012814		<20	0.07	<10	<10	58	<10	73
DD012815		<20	0.06	<10	<10	57	<10	66
DD012816		<20	0.04	<10	<10	42	<10	58
DD012817		<20	0.08	<10	<10	52	<10	65
DD012818		<20	0.05	<10	<10	44	<10	62
DD012819		<20	0.05	<10	<10	50	<10	81
DD012820		<20	0.03	<10	<10	32	<10	56

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
This copy reported on 28- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182375

Project: Klaza

P.O. No.:

This report is for 170 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
EXTRA- 01	Extra Sample received in Shipment
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012821		0.30	0.001	0.2	1.89	19	<10	220	0.8	3	0.28	<0.5	17	21	17	2.62
DD012822		0.28	0.003	0.2	1.92	11	<10	190	0.7	4	0.28	<0.5	8	22	15	2.25
DD012823		0.16	<0.001	0.2	0.36	2	<10	40	<0.5	3	0.20	<0.5	2	5	5	0.92
DD012824		0.28	0.002	0.3	1.81	17	<10	280	0.6	6	0.26	<0.5	7	16	15	2.62
DD012825		0.18	0.007	0.3	1.82	36	<10	190	0.8	4	0.35	0.5	9	18	16	2.82
DD012826		0.16	0.001	<0.2	0.85	8	<10	250	<0.5	4	0.27	0.5	4	16	15	1.65
DD012827		0.26	0.001	<0.2	1.06	5	<10	270	<0.5	5	0.42	0.5	4	22	22	1.13
DD012828		0.20	0.007	<0.2	0.56	2	<10	150	<0.5	5	0.36	<0.5	2	9	10	0.59
DD012829		0.22	0.001	<0.2	1.08	7	<10	460	<0.5	5	0.51	0.5	5	18	21	1.92
DD012830		0.12	0.002	<0.2	0.88	3	<10	440	<0.5	5	0.41	<0.5	5	15	25	0.96
DD012831		0.18	0.003	<0.2	0.83	5	<10	300	<0.5	4	0.32	<0.5	5	13	15	1.52
DD012832		0.18	<0.001	<0.2	0.56	4	<10	200	<0.5	2	0.25	<0.5	4	8	10	1.64
DD012833		0.30	0.001	<0.2	0.95	4	<10	470	<0.5	5	0.29	<0.5	6	15	15	1.50
DD012834		0.26	0.001	<0.2	0.79	3	<10	270	<0.5	3	0.34	<0.5	4	12	8	1.09
DD012835		0.20	0.001	0.2	1.01	14	<10	430	<0.5	5	0.45	<0.5	6	15	18	5.17
DD012836		0.20	0.001	<0.2	0.97	5	<10	410	<0.5	5	0.34	<0.5	5	15	10	2.10
DD012837		0.26	0.002	<0.2	1.01	5	<10	420	<0.5	4	0.32	<0.5	4	17	16	1.66
DD012838		0.18	0.002	0.2	0.93	4	<10	370	<0.5	5	0.34	<0.5	4	16	12	1.27
DD012839		0.12	0.001	<0.2	0.55	<2	<10	260	<0.5	5	0.33	<0.5	3	10	13	0.82
DD012840		0.20	0.002	<0.2	0.63	3	<10	200	<0.5	5	0.44	<0.5	3	11	9	0.92
DD012841		0.22	0.003	0.3	1.12	2	<10	250	<0.5	4	0.48	<0.5	4	16	15	1.09
DD012842		0.24	0.001	0.3	1.41	10	<10	360	<0.5	5	0.53	1.6	7	19	37	1.99
DD012843		0.22	0.004	0.4	1.56	17	<10	330	0.6	5	0.48	0.6	8	24	27	3.23
DD012844		0.30	0.006	0.3	1.29	11	<10	260	<0.5	5	0.51	0.5	7	19	15	1.93
DD012845		0.16	0.041	0.2	0.84	11	<10	120	<0.5	3	0.37	0.5	5	13	9	1.71
DD012846		0.24	0.013	0.3	1.72	24	<10	290	0.6	6	0.52	0.6	9	24	21	2.90
DD012847		0.20	<0.001	0.3	1.26	7	<10	280	<0.5	4	0.57	<0.5	5	21	12	1.99
DD012848		0.22	<0.001	0.2	1.30	9	<10	260	<0.5	5	0.33	<0.5	5	15	17	2.17
DD012849		0.24	0.002	<0.2	1.36	12	<10	230	<0.5	4	0.37	<0.5	5	20	19	2.19
DD012850		0.20	0.002	<0.2	1.10	5	<10	310	<0.5	4	0.34	<0.5	6	19	15	1.47
DD012851		0.32	0.003	0.6	1.66	20	<10	250	0.6	5	0.24	0.5	10	25	19	2.64
DD012852		0.38	0.014	1.3	1.46	108	<10	440	0.9	6	0.56	<0.5	6	17	38	2.64
DD012853		0.44	0.002	0.2	1.00	49	<10	140	<0.5	5	0.18	<0.5	7	15	14	2.19
DD012854		0.28	0.004	0.3	1.35	108	<10	130	0.8	5	0.14	<0.5	9	17	18	2.75
DD012855		0.34	0.002	0.2	1.33	31	<10	280	0.8	4	0.28	0.5	6	15	8	2.60
DD012856		0.42	0.015	0.2	1.40	11	<10	160	0.6	5	0.18	0.7	6	21	17	2.27
DD012857		0.30	0.006	0.2	1.21	16	<10	120	0.5	4	0.29	0.6	6	22	22	2.20
DD012858		0.18	0.007	0.3	1.27	30	<10	170	0.7	5	0.27	0.8	7	19	25	2.41
DD012859		0.24	0.001	0.3	1.14	15	<10	140	<0.5	4	0.31	0.6	7	20	27	2.19
DD012860		0.36	0.002	<0.2	1.53	6	<10	270	<0.5	4	0.53	<0.5	8	22	14	2.16

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012821		10	1	0.15	20	0.59	2910	<1	0.01	10	780	18	0.05	2	3	27
DD012822		10	1	0.18	20	0.70	540	<1	0.01	9	770	18	0.04	3	3	27
DD012823		<10	<1	0.02	<10	0.10	163	<1	0.02	3	670	3	0.02	<2	1	14
DD012824		10	<1	0.15	20	0.54	754	<1	0.01	9	640	20	0.03	2	3	33
DD012825		10	<1	0.14	20	0.47	928	<1	0.01	10	660	35	0.03	<2	3	26
DD012826		<10	1	0.03	10	0.18	190	<1	0.01	8	800	4	0.04	<2	2	21
DD012827		<10	<1	0.04	20	0.29	203	<1	0.01	12	640	7	0.06	<2	4	43
DD012828		<10	<1	0.02	10	0.16	82	<1	0.01	5	620	2	0.03	<2	1	32
DD012829		<10	<1	0.04	20	0.25	352	<1	0.02	10	620	6	0.09	<2	4	38
DD012830		<10	1	0.03	10	0.18	224	<1	0.02	8	650	5	0.11	<2	3	32
DD012831		<10	<1	0.03	10	0.21	511	<1	0.02	7	660	5	0.03	<2	3	25
DD012832		<10	<1	0.03	<10	0.13	571	<1	0.03	6	590	4	0.02	<2	1	20
DD012833		<10	<1	0.04	10	0.21	681	<1	0.02	8	590	5	0.04	<2	3	25
DD012834		<10	<1	0.03	10	0.24	316	<1	0.01	7	680	4	0.02	<2	3	22
DD012835		<10	<1	0.03	10	0.22	948	1	0.01	9	810	5	0.07	<2	3	38
DD012836		<10	<1	0.04	10	0.25	392	<1	0.01	10	610	5	0.04	<2	3	27
DD012837		<10	<1	0.03	10	0.24	193	<1	0.01	9	770	6	0.05	<2	3	25
DD012838		<10	<1	0.03	10	0.22	165	<1	0.02	9	550	4	0.05	<2	2	28
DD012839		<10	1	0.02	10	0.15	116	<1	0.01	5	540	<2	0.05	<2	2	25
DD012840		<10	<1	0.02	10	0.23	125	<1	0.01	6	700	4	0.06	<2	2	33
DD012841		<10	<1	0.03	10	0.31	138	<1	0.02	8	770	13	0.06	<2	3	42
DD012842		<10	1	0.04	20	0.35	596	<1	0.03	12	820	15	0.06	<2	3	58
DD012843		<10	<1	0.04	20	0.40	787	1	0.02	14	870	19	0.05	<2	4	52
DD012844		<10	<1	0.05	10	0.39	545	<1	0.02	10	820	20	0.03	2	4	51
DD012845		<10	<1	0.04	10	0.28	278	<1	0.01	7	800	15	0.01	<2	2	30
DD012846		10	<1	0.07	20	0.51	782	<1	0.02	13	860	30	0.03	<2	5	51
DD012847		10	1	0.08	10	0.40	222	<1	0.01	10	740	7	0.01	<2	2	58
DD012848		<10	<1	0.07	10	0.28	241	<1	0.02	10	630	9	0.05	<2	2	26
DD012849		10	<1	0.07	10	0.34	206	<1	0.01	11	440	13	0.02	<2	2	31
DD012850		<10	<1	0.05	10	0.32	178	<1	0.01	10	670	5	0.03	<2	3	21
DD012851		10	1	0.12	10	0.51	1020	<1	0.01	14	490	35	0.02	3	4	19
DD012852		10	2	0.11	20	0.26	659	1	0.01	10	1020	32	0.09	7	4	30
DD012853		<10	1	0.11	10	0.35	1080	<1	0.01	8	400	20	0.01	5	3	15
DD012854		<10	<1	0.09	10	0.31	843	1	0.01	9	490	17	0.03	3	2	17
DD012855		<10	<1	0.19	20	0.42	718	<1	0.01	7	680	15	0.01	2	3	18
DD012856		10	1	0.08	20	0.37	562	<1	0.01	11	710	29	0.05	2	2	18
DD012857		<10	<1	0.08	10	0.37	479	<1	0.01	17	810	32	0.03	2	2	23
DD012858		10	1	0.08	10	0.32	801	<1	0.01	12	770	39	0.02	3	2	22
DD012859		<10	1	0.08	10	0.38	662	<1	<0.01	13	790	56	<0.01	2	2	22
DD012860		10	<1	0.07	10	0.61	310	<1	0.01	13	590	9	0.01	<2	4	30

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Finalized Date: 25- OCT- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012821		<20	0.03	<10	<10	52	<10	56
DD012822		<20	0.03	<10	<10	46	<10	70
DD012823		<20	0.05	<10	<10	30	<10	17
DD012824		<20	0.04	<10	<10	52	<10	65
DD012825		<20	0.05	<10	<10	55	<10	67
DD012826		<20	0.04	<10	<10	39	<10	36
DD012827		<20	0.04	<10	20	36	<10	48
DD012828		<20	0.03	<10	<10	17	<10	27
DD012829		<20	0.04	<10	<10	44	<10	54
DD012830		<20	0.04	<10	<10	31	<10	41
DD012831		<20	0.04	<10	<10	29	<10	41
DD012832		<20	0.05	<10	<10	36	<10	29
DD012833		<20	0.04	<10	<10	36	<10	47
DD012834		<20	0.04	<10	<10	29	<10	42
DD012835		<20	0.03	<10	<10	32	<10	49
DD012836		<20	0.04	<10	<10	30	<10	48
DD012837		<20	0.05	<10	<10	49	<10	50
DD012838		<20	0.04	<10	<10	31	<10	40
DD012839		<20	0.03	<10	<10	19	<10	30
DD012840		<20	0.04	<10	<10	22	<10	36
DD012841		<20	0.04	<10	<10	25	<10	54
DD012842		<20	0.04	<10	<10	40	<10	79
DD012843		<20	0.04	<10	<10	50	<10	69
DD012844		<20	0.05	<10	<10	45	<10	69
DD012845		<20	0.04	<10	<10	37	<10	61
DD012846		<20	0.04	<10	<10	57	<10	93
DD012847		<20	0.07	<10	<10	42	<10	51
DD012848		<20	0.05	<10	<10	38	<10	36
DD012849		<20	0.07	<10	<10	54	<10	44
DD012850		<20	0.06	<10	<10	35	<10	54
DD012851		<20	0.06	<10	<10	49	<10	83
DD012852		<20	0.02	<10	<10	48	<10	94
DD012853		<20	0.05	<10	<10	41	<10	62
DD012854		<20	0.04	<10	<10	43	<10	65
DD012855		<20	0.05	<10	<10	47	<10	96
DD012856		<20	0.05	<10	<10	49	<10	103
DD012857		<20	0.06	<10	<10	49	<10	84
DD012858		<20	0.06	<10	<10	53	<10	96
DD012859		<20	0.06	<10	<10	48	<10	63
DD012860		<20	0.07	<10	<10	52	<10	52

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012861		0.12	0.011	0.8	1.49	23	<10	210	0.6	6	0.30	1.0	16	22	31	2.67
DD012862		0.24	0.004	0.3	1.61	8	<10	120	<0.5	6	0.21	<0.5	5	18	14	1.61
DD012863		0.40	0.002	<0.2	1.33	8	<10	120	<0.5	4	0.25	<0.5	5	19	15	1.26
DD012864		0.42	0.001	<0.2	1.11	24	<10	100	<0.5	4	0.22	<0.5	4	15	9	1.52
DD012865		0.42	0.005	0.3	1.41	23	<10	160	0.6	4	0.26	<0.5	4	20	18	1.53
DD012866		0.22	0.005	0.8	2.05	52	<10	220	0.6	5	0.31	0.8	5	21	21	2.35
DD012867		0.24	0.004	0.8	2.04	13	<10	260	<0.5	5	0.49	<0.5	5	25	21	2.23
DD012868		0.20	0.001	0.2	1.75	11	<10	150	<0.5	6	0.58	<0.5	8	19	11	2.62
DD012869		0.26	0.004	0.8	2.12	11	<10	260	1.1	18	0.33	<0.5	8	25	59	3.00
DD012870		0.26	0.001	0.3	1.81	17	<10	370	0.5	6	0.55	<0.5	8	18	17	2.85
DD012871		0.14	0.003	<0.2	2.24	12	<10	130	0.5	10	0.27	<0.5	9	20	21	3.34
DD012872		0.16	0.025	0.7	1.43	53	<10	110	<0.5	5	0.18	<0.5	5	15	14	2.19
DD012873		0.18	0.003	0.3	1.59	9	<10	90	<0.5	5	0.15	<0.5	5	18	28	2.15
DD012874		0.20	<0.001	1.0	2.48	11	<10	110	0.5	8	0.12	0.5	8	16	26	3.32
DD012875		0.22	0.002	0.9	2.38	13	<10	130	0.6	7	0.13	<0.5	8	28	22	3.23
DD012876		0.20	0.001	0.2	1.43	13	<10	60	<0.5	4	0.14	<0.5	4	23	12	2.30
DD012877		0.28	0.005	0.2	2.09	9	<10	150	<0.5	4	0.23	<0.5	8	29	18	2.62
DD012878		0.22	0.002	<0.2	1.95	12	<10	190	0.6	6	0.29	<0.5	7	18	16	3.14
DD012879		0.26	0.001	<0.2	1.67	11	<10	110	<0.5	5	0.36	<0.5	7	21	15	2.79
DD012880		0.26	0.002	0.2	2.67	10	<10	190	0.7	22	0.23	<0.5	14	23	49	4.17
DD012881		0.26	0.002	0.3	1.97	12	<10	420	0.6	4	0.57	<0.5	13	16	28	4.69
DD012882		0.18	0.001	0.5	1.35	3	<10	240	<0.5	4	0.56	<0.5	4	12	20	1.89
DD012883		0.40	0.002	<0.2	1.78	9	<10	290	<0.5	4	0.45	<0.5	8	19	15	2.09
DD012884		0.20	0.002	0.2	1.44	6	<10	230	<0.5	6	0.39	0.5	6	17	17	1.58
DD012885		0.22	0.003	0.3	1.18	3	<10	200	<0.5	4	0.40	0.5	5	15	19	1.13
DD012886		0.16	0.001	0.2	0.33	<2	<10	120	<0.5	2	0.29	<0.5	1	2	27	0.31
DD012887		0.18	0.001	0.3	0.33	3	<10	90	<0.5	4	0.39	<0.5	5	5	7	2.17
DD012888		0.18	<0.001	0.2	0.74	2	<10	300	<0.5	4	0.58	<0.5	3	6	22	1.11
DD012889		0.36	0.002	0.4	1.45	19	<10	400	<0.5	5	0.56	<0.5	7	12	46	2.79
DD012890		0.34	0.003	0.2	1.94	16	<10	330	<0.5	5	0.51	<0.5	10	21	58	3.49
DD012891		0.32	0.002	<0.2	1.39	5	<10	380	0.5	4	0.53	<0.5	5	19	20	1.66
DD012892		0.28	0.003	0.2	1.52	5	<10	420	<0.5	4	0.50	<0.5	5	18	19	2.24
DD012893		0.36	0.005	0.2	1.17	4	<10	320	0.5	3	0.38	<0.5	7	16	36	2.65
DD012894		0.44	0.001	0.2	1.19	7	<10	520	0.6	3	0.34	<0.5	9	15	11	3.08
DD012895		0.28	<0.001	0.2	1.10	4	<10	280	<0.5	4	0.41	<0.5	8	14	11	2.69
DD012896		0.26	0.002	0.2	1.37	6	<10	490	<0.5	4	0.78	<0.5	7	16	19	2.31
DD012897		0.32	0.002	<0.2	1.38	6	<10	310	<0.5	3	0.44	<0.5	6	18	12	2.47
DD012898		0.34	0.010	<0.2	1.75	10	<10	240	<0.5	3	0.39	<0.5	8	26	14	2.42
DD012899		0.30	0.001	<0.2	1.27	8	<10	170	<0.5	4	0.32	<0.5	6	22	12	2.26
DD012900		0.34	0.003	0.2	1.67	8	<10	230	<0.5	3	0.34	<0.5	7	24	15	2.34

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VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012861		<10	1	0.06	20	0.28	3200	3	0.01	10	1870	29	0.21	<2	1	30
DD012862		10	1	0.08	10	0.44	284	<1	<0.01	10	550	21	0.02	2	3	16
DD012863		<10	<1	0.09	10	0.36	143	<1	<0.01	10	590	27	0.01	3	4	15
DD012864		<10	<1	0.14	10	0.36	182	<1	<0.01	7	460	25	<0.01	4	3	13
DD012865		<10	1	0.14	20	0.39	175	<1	<0.01	9	460	30	<0.01	4	5	16
DD012866		10	<1	0.13	10	0.52	397	<1	<0.01	9	670	21	0.03	3	6	21
DD012867		10	<1	0.17	20	0.50	415	<1	0.01	18	630	10	0.03	<2	6	28
DD012868		10	1	0.12	10	0.60	453	1	0.02	11	560	13	0.03	<2	4	33
DD012869		10	<1	0.07	40	0.47	320	1	<0.01	13	800	29	0.03	5	7	25
DD012870		10	<1	0.11	10	0.47	567	<1	0.02	10	530	10	0.03	<2	4	33
DD012871		10	<1	0.08	10	0.52	580	<1	0.01	13	460	11	0.02	<2	3	29
DD012872		10	1	0.07	10	0.18	179	<1	<0.01	7	260	11	0.01	<2	3	19
DD012873		10	<1	0.05	10	0.28	184	<1	0.01	11	360	8	0.03	<2	1	18
DD012874		10	1	0.10	10	0.45	481	<1	<0.01	9	580	32	0.04	2	3	14
DD012875		10	<1	0.10	10	0.48	442	<1	<0.01	17	500	23	0.03	<2	3	14
DD012876		10	<1	0.09	10	0.37	178	<1	<0.01	11	220	9	0.01	<2	3	14
DD012877		10	<1	0.12	10	0.55	412	<1	0.01	17	510	8	0.02	<2	4	19
DD012878		10	<1	0.12	20	0.54	607	<1	0.01	11	360	12	<0.01	2	5	25
DD012879		10	<1	0.13	10	0.56	449	<1	0.01	11	300	14	0.01	2	4	24
DD012880		10	<1	0.09	10	0.78	941	<1	<0.01	14	290	33	0.01	<2	7	23
DD012881		10	<1	0.17	20	0.67	1055	<1	0.01	8	490	15	0.01	2	13	37
DD012882		<10	<1	0.07	20	0.32	156	<1	0.02	7	590	3	0.04	<2	5	37
DD012883		10	<1	0.08	20	0.64	271	<1	0.01	9	510	9	0.03	<2	6	27
DD012884		<10	<1	0.09	10	0.41	273	<1	0.02	9	700	14	0.02	<2	4	28
DD012885		<10	<1	0.07	10	0.37	161	<1	0.01	9	630	10	0.01	<2	3	28
DD012886		<10	<1	0.03	10	0.04	34	1	0.05	6	380	5	0.04	<2	1	19
DD012887		<10	<1	0.02	10	0.08	156	<1	0.03	3	840	<2	0.01	<2	1	22
DD012888		<10	<1	0.04	10	0.12	182	<1	0.03	5	640	2	0.03	<2	2	42
DD012889		10	<1	0.10	20	0.36	405	1	0.02	8	710	8	0.02	2	7	37
DD012890		10	<1	0.19	20	0.78	442	1	0.01	10	710	15	<0.01	<2	6	27
DD012891		10	<1	0.09	20	0.43	202	<1	0.01	9	700	8	0.04	<2	5	28
DD012892		10	<1	0.10	20	0.40	199	1	0.01	9	690	11	0.03	<2	5	30
DD012893		<10	<1	0.10	20	0.40	366	<1	0.01	15	460	10	0.01	3	7	23
DD012894		<10	<1	0.09	20	0.37	506	<1	0.01	9	560	12	<0.01	2	6	21
DD012895		10	<1	0.07	10	0.30	461	<1	0.01	8	630	6	0.02	<2	4	26
DD012896		10	<1	0.08	10	0.36	516	<1	0.02	9	870	6	0.05	<2	4	49
DD012897		10	<1	0.10	10	0.39	254	<1	0.01	9	440	8	0.01	<2	5	28
DD012898		10	1	0.09	10	0.55	355	<1	0.01	16	410	8	<0.01	<2	4	26
DD012899		10	1	0.09	10	0.48	280	<1	<0.01	11	290	7	<0.01	2	3	26
DD012900		10	<1	0.08	10	0.55	369	<1	0.01	12	400	11	<0.01	<2	5	25

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CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012861		<20	0.03	<10	<10	70	<10	46
DD012862		<20	0.04	<10	<10	33	<10	58
DD012863		<20	0.07	<10	<10	34	<10	55
DD012864		<20	0.06	<10	<10	43	<10	55
DD012865		<20	0.06	<10	<10	43	<10	66
DD012866		<20	0.04	<10	<10	54	<10	100
DD012867		<20	0.05	<10	<10	48	<10	73
DD012868		<20	0.09	<10	<10	55	<10	66
DD012869		<20	0.03	<10	<10	54	<10	53
DD012870		<20	0.05	<10	<10	58	<10	64
DD012871		<20	0.07	<10	<10	68	<10	58
DD012872		<20	0.04	<10	<10	54	<10	38
DD012873		<20	0.05	<10	<10	47	<10	41
DD012874		<20	0.03	<10	<10	65	<10	116
DD012875		<20	0.06	<10	<10	60	<10	78
DD012876		<20	0.12	<10	<10	66	<10	41
DD012877		<20	0.08	<10	<10	55	<10	57
DD012878		<20	0.04	<10	<10	53	<10	54
DD012879		<20	0.06	<10	<10	55	<10	66
DD012880		<20	0.03	<10	<10	67	<10	69
DD012881		<20	0.08	<10	<10	94	<10	109
DD012882		<20	0.05	<10	<10	37	<10	47
DD012883		<20	0.09	<10	<10	67	<10	81
DD012884		<20	0.06	<10	<10	44	<10	78
DD012885		<20	0.06	<10	<10	33	<10	65
DD012886		<20	0.02	<10	<10	10	<10	17
DD012887		<20	0.08	<10	<10	60	<10	28
DD012888		<20	0.04	<10	<10	26	<10	35
DD012889		<20	0.07	<10	<10	64	<10	69
DD012890		<20	0.19	<10	<10	87	<10	73
DD012891		<20	0.08	<10	<10	43	<10	45
DD012892		<20	0.04	<10	<10	48	<10	46
DD012893		<20	0.06	<10	<10	49	<10	60
DD012894		<20	0.05	<10	<10	49	<10	60
DD012895		<20	0.06	<10	<10	65	<10	50
DD012896		<20	0.05	<10	<10	50	<10	52
DD012897		<20	0.06	<10	<10	54	<10	51
DD012898		<20	0.08	<10	<10	52	<10	48
DD012899		<20	0.09	<10	<10	55	<10	57
DD012900		<20	0.09	<10	<10	55	<10	56

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CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012901		0.24	0.001	0.2	1.35	7	<10	330	<0.5	3	0.49	<0.5	7	18	15	2.30
DD012902		0.24	0.001	<0.2	1.64	7	<10	380	0.5	4	0.55	<0.5	9	25	19	2.57
DD012903		0.26	<0.001	0.2	0.86	4	<10	300	<0.5	5	0.54	<0.5	4	9	17	1.05
DD012904		0.12	0.001	0.3	1.59	8	<10	730	0.7	4	0.82	<0.5	9	22	26	2.62
DD012905		0.26	<0.001	<0.2	0.60	4	<10	310	<0.5	4	0.53	<0.5	4	8	11	1.63
DD012906		0.36	0.001	<0.2	1.22	4	<10	310	<0.5	3	0.47	<0.5	6	11	13	2.41
DD012907		0.36	0.003	0.2	1.33	7	<10	470	<0.5	4	0.56	<0.5	9	15	22	2.51
DD012908		0.36	0.007	0.2	1.19	7	<10	450	<0.5	4	0.44	0.5	6	18	21	1.77
DD012909		0.32	0.011	0.2	1.65	12	<10	380	0.5	5	0.40	0.7	6	27	28	2.56
DD012910		0.26	0.002	<0.2	1.04	5	<10	210	<0.5	4	0.39	<0.5	4	13	9	1.49
DD012911		0.34	0.002	<0.2	1.27	8	<10	150	<0.5	4	0.31	<0.5	6	19	12	1.95
DD012912		0.32	0.006	<0.2	1.51	8	<10	130	<0.5	4	0.31	<0.5	7	21	13	1.95
DD012913		0.32	0.002	0.2	1.59	8	<10	170	<0.5	4	0.38	<0.5	8	24	17	2.14
DD012914		0.36	0.002	<0.2	1.86	7	<10	190	<0.5	4	0.30	<0.5	10	28	16	2.24
DD012915		0.26	0.004	0.2	1.71	8	<10	200	<0.5	6	0.33	<0.5	8	26	17	1.87
DD012916		0.28	0.002	0.5	2.06	21	<10	220	<0.5	6	0.36	<0.5	8	30	22	3.03
DD012917		0.36	<0.001	<0.2	1.71	9	<10	550	0.5	4	0.46	<0.5	9	24	19	3.05
DD012918		0.40	0.001	<0.2	1.58	9	<10	340	<0.5	5	0.47	<0.5	7	22	13	2.52
DD012919		0.32	0.001	0.2	1.62	8	<10	540	0.5	4	0.50	<0.5	7	22	22	2.32
DD012920		0.28	<0.001	<0.2	1.39	6	<10	490	<0.5	4	0.66	<0.5	8	19	21	2.66
DD012921		0.34	0.004	0.2	1.56	11	<10	410	0.8	5	0.46	<0.5	9	38	22	3.05
DD012922		0.30	<0.001	<0.2	1.11	11	<10	290	0.5	3	0.42	<0.5	7	23	15	2.97
DD012923		0.28	0.003	<0.2	1.28	6	<10	250	<0.5	4	0.35	<0.5	5	25	10	1.71
DD012924		0.32	0.001	<0.2	1.51	11	<10	370	<0.5	4	0.38	<0.5	4	23	13	2.32
DD012925		0.28	0.001	<0.2	1.49	8	<10	330	0.6	3	0.45	<0.5	7	35	23	2.37
DD012926		0.30	<0.001	<0.2	1.56	7	<10	350	0.5	4	0.52	<0.5	9	34	21	2.11
DD012927		0.26	<0.001	0.2	1.39	8	<10	360	<0.5	3	0.45	<0.5	7	23	19	2.43
DD012928		0.30	0.001	0.2	1.57	3	<10	390	<0.5	3	0.42	<0.5	7	31	14	1.83
DD012929		0.16	0.002	<0.2	1.22	2	<10	410	<0.5	<2	0.42	<0.5	5	21	37	1.33
DD012930		0.30	<0.001	<0.2	1.79	7	<10	280	<0.5	<2	0.26	<0.5	7	24	15	3.39
DD012931		0.36	0.002	<0.2	1.60	10	<10	170	<0.5	<2	0.23	<0.5	6	24	15	2.67
DD012932		0.36	<0.001	<0.2	1.78	9	<10	420	0.7	<2	0.29	<0.5	8	20	13	3.06
DD012933		0.28	<0.001	<0.2	1.83	10	<10	160	<0.5	<2	0.26	<0.5	6	28	12	3.17
DD012934		0.36	0.001	0.2	2.16	10	<10	660	0.7	<2	0.50	<0.5	8	25	31	2.89
DD012935		0.40	<0.001	<0.2	1.28	6	<10	260	<0.5	<2	0.47	<0.5	7	21	12	2.20
DD012936		0.32	<0.001	<0.2	1.17	2	<10	160	<0.5	<2	0.36	<0.5	5	20	10	1.37
DD012937		0.26	0.002	0.2	2.07	5	<10	450	0.9	<2	0.65	0.9	13	31	49	2.50
DD012938		0.22	0.001	0.2	1.08	7	<10	230	<0.5	<2	0.41	0.9	8	16	22	1.91
DD012939		0.16	0.005	0.3	1.53	9	<10	320	0.5	<2	0.58	0.8	7	23	26	1.90
DD012940		0.16	0.014	0.2	1.03	8	<10	230	<0.5	<2	0.62	0.8	6	16	17	1.68

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012901		<10	1	0.07	10	0.37	279	<1	0.01	9	670	7	0.02	<2	6	27
DD012902		10	<1	0.07	20	0.49	396	<1	0.01	15	670	7	0.02	2	5	32
DD012903		<10	<1	0.04	20	0.15	371	<1	0.03	7	530	2	0.03	<2	2	28
DD012904		10	<1	0.07	30	0.41	646	<1	0.01	14	960	9	0.07	<2	6	44
DD012905		<10	1	0.04	10	0.18	293	<1	0.03	5	660	3	0.03	<2	2	29
DD012906		<10	<1	0.06	20	0.36	410	<1	0.03	7	690	4	0.03	<2	4	27
DD012907		<10	<1	0.07	20	0.40	403	<1	0.02	10	780	8	0.03	<2	5	29
DD012908		<10	1	0.05	20	0.32	217	<1	0.01	10	770	6	0.06	<2	4	26
DD012909		10	<1	0.05	20	0.38	202	<1	0.01	11	650	9	0.07	<2	5	27
DD012910		<10	<1	0.04	10	0.28	316	<1	0.01	7	700	5	0.03	<2	1	28
DD012911		<10	<1	0.07	10	0.42	227	<1	0.01	12	540	9	<0.01	<2	3	23
DD012912		<10	<1	0.07	10	0.46	275	<1	0.01	11	500	10	<0.01	<2	3	24
DD012913		10	<1	0.06	10	0.41	677	<1	0.01	12	720	8	0.02	2	4	29
DD012914		10	<1	0.06	10	0.47	287	<1	0.01	13	530	13	0.01	<2	5	22
DD012915		10	1	0.05	10	0.43	283	<1	0.01	11	630	13	0.02	<2	4	25
DD012916		10	<1	0.06	20	0.47	479	2	0.01	12	650	21	0.02	<2	5	28
DD012917		10	<1	0.13	20	0.51	711	<1	0.01	12	530	10	0.01	2	6	34
DD012918		10	<1	0.09	20	0.56	312	<1	<0.01	11	540	6	0.01	<2	4	31
DD012919		10	<1	0.08	30	0.55	398	<1	0.02	14	600	7	0.03	<2	7	29
DD012920		<10	<1	0.08	20	0.45	422	<1	0.01	12	740	7	0.02	2	5	34
DD012921		10	1	0.08	20	0.42	359	<1	0.01	17	780	10	0.01	2	9	37
DD012922		<10	<1	0.05	20	0.33	633	<1	0.01	10	740	7	0.01	2	4	31
DD012923		<10	<1	0.05	10	0.39	166	<1	0.01	11	510	8	0.01	<2	3	27
DD012924		<10	1	0.06	10	0.36	228	<1	<0.01	10	770	9	0.01	<2	4	30
DD012925		<10	<1	0.06	20	0.46	475	<1	0.01	16	750	7	0.01	<2	7	33
DD012926		10	1	0.06	20	0.53	441	<1	0.01	17	1000	8	0.02	<2	6	35
DD012927		<10	<1	0.05	20	0.37	413	<1	0.02	14	740	8	0.03	2	5	32
DD012928		10	1	0.05	10	0.54	250	<1	0.01	14	660	10	0.03	2	5	27
DD012929		<10	<1	0.04	10	0.26	173	2	0.02	22	810	17	0.07	<2	3	32
DD012930		10	<1	0.08	10	0.47	295	1	0.01	12	270	8	0.01	<2	5	20
DD012931		10	<1	0.06	10	0.36	255	1	0.01	11	310	10	0.01	<2	3	20
DD012932		<10	<1	0.08	20	0.51	389	1	0.01	11	310	10	<0.01	3	5	26
DD012933		10	<1	0.08	10	0.50	260	1	0.02	12	240	9	<0.01	<2	4	26
DD012934		10	<1	0.14	30	0.59	703	1	0.01	12	540	17	0.02	<2	10	42
DD012935		<10	<1	0.07	10	0.45	245	1	0.02	10	780	8	0.02	<2	3	35
DD012936		<10	<1	0.06	10	0.43	174	<1	0.02	9	580	9	0.01	<2	3	23
DD012937		10	<1	0.06	20	0.50	1295	2	0.02	17	1230	16	0.08	<2	5	75
DD012938		<10	<1	0.05	10	0.30	415	1	0.03	9	830	15	0.04	<2	3	38
DD012939		<10	<1	0.05	20	0.43	500	1	0.02	13	790	23	0.06	<2	5	59
DD012940		<10	<1	0.04	10	0.32	491	<1	0.02	9	800	16	0.04	<2	3	60

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CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012901		<20	0.04	<10	<10	49	<10	55
DD012902		<20	0.07	<10	<10	60	<10	55
DD012903		<20	0.03	<10	<10	25	<10	21
DD012904		<20	0.04	<10	<10	55	<10	48
DD012905		<20	0.05	<10	<10	43	<10	31
DD012906		<20	0.05	<10	<10	54	<10	48
DD012907		<20	0.04	<10	<10	54	<10	59
DD012908		<20	0.05	<10	<10	46	<10	67
DD012909		<20	0.06	<10	<10	67	<10	87
DD012910		<20	0.04	<10	<10	35	<10	39
DD012911		<20	0.07	<10	<10	43	<10	43
DD012912		<20	0.08	<10	<10	48	<10	47
DD012913		<20	0.07	<10	<10	46	<10	49
DD012914		<20	0.08	<10	<10	62	<10	62
DD012915		<20	0.07	<10	<10	53	<10	61
DD012916		<20	0.07	<10	<10	65	<10	78
DD012917		<20	0.05	<10	<10	57	<10	79
DD012918		<20	0.05	<10	<10	54	<10	54
DD012919		<20	0.05	<10	<10	56	<10	50
DD012920		<20	0.05	<10	<10	52	<10	51
DD012921		<20	0.04	<10	<10	67	<10	55
DD012922		<20	0.05	<10	<10	55	<10	41
DD012923		<20	0.06	<10	<10	49	<10	37
DD012924		<20	0.03	<10	<10	50	<10	38
DD012925		<20	0.05	<10	<10	63	<10	47
DD012926		<20	0.06	<10	<10	56	<10	50
DD012927		<20	0.05	<10	<10	53	<10	44
DD012928		<20	0.07	<10	<10	51	<10	58
DD012929		<20	0.04	<10	<10	40	<10	62
DD012930		<20	0.06	<10	<10	68	<10	54
DD012931		<20	0.07	<10	<10	65	<10	40
DD012932		<20	0.05	<10	<10	60	<10	50
DD012933		<20	0.10	<10	<10	76	<10	47
DD012934		<20	0.04	<10	<10	65	<10	61
DD012935		<20	0.07	<10	<10	50	<10	51
DD012936		<20	0.08	<10	<10	40	<10	48
DD012937		<20	0.04	<10	10	60	<10	69
DD012938		<20	0.05	<10	<10	42	<10	91
DD012939		<20	0.05	<10	<10	53	<10	85
DD012940		<20	0.04	<10	<10	37	<10	69

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CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD012941		0.22	0.011	0.2	1.14	10	<10	160	<0.5	<2	0.41	<0.5	5	17	13	1.49
DD012942		0.14	0.005	0.2	1.32	6	<10	210	<0.5	<2	0.55	<0.5	4	16	17	1.52
DD012943		0.20	0.001	<0.2	1.48	12	<10	280	<0.5	<2	0.55	<0.5	4	24	16	1.94
DD012944		0.20	0.003	0.3	1.73	11	<10	330	<0.5	<2	0.48	<0.5	7	27	22	2.27
DD012945		0.26	0.002	0.2	1.48	11	<10	260	<0.5	<2	0.45	<0.5	6	25	19	2.35
DD012946		0.24	<0.001	0.2	1.91	15	<10	450	<0.5	<2	0.65	<0.5	10	28	37	2.43
DD012947		0.26	<0.001	<0.2	1.23	5	<10	350	<0.5	<2	0.59	<0.5	5	22	13	1.91
DD012948		0.24	0.001	<0.2	1.24	7	<10	390	0.5	<2	0.46	<0.5	7	22	24	1.93
DD012949		0.22	<0.001	0.2	1.19	2	<10	360	<0.5	<2	0.55	<0.5	5	9	15	1.76
DD012950		0.24	<0.001	0.2	1.53	6	<10	610	0.6	<2	0.63	<0.5	7	19	21	2.22
DD012951		0.40	0.001	<0.2	1.64	8	<10	160	<0.5	2	0.37	<0.5	7	25	25	2.35
DD012952		0.30	0.001	<0.2	1.82	15	<10	130	<0.5	2	0.37	<0.5	9	30	20	2.68
DD012953		0.38	<0.001	0.2	1.63	15	<10	130	<0.5	2	0.36	<0.5	10	28	19	2.74
DD012954		0.28	0.001	0.4	2.34	13	<10	240	<0.5	3	0.48	<0.5	7	34	25	2.46
DD012955		0.36	0.001	<0.2	1.65	9	<10	120	<0.5	<2	0.37	<0.5	7	27	17	2.10
DD012956		0.36	0.004	0.2	1.99	9	<10	180	0.5	2	0.41	<0.5	9	31	27	2.29
DD012957		0.36	<0.001	<0.2	1.66	9	<10	110	<0.5	3	0.32	<0.5	6	25	22	1.87
DD012958		0.28	<0.001	0.4	1.57	22	<10	130	0.5	6	0.35	<0.5	9	28	30	3.28
DD012959		0.34	0.006	0.7	2.08	12	<10	170	0.5	3	0.46	<0.5	7	25	55	2.55
DD012960		0.22	0.002	<0.2	1.69	82	<10	160	0.5	<2	0.37	<0.5	6	22	20	5.39
DD012961		0.32	0.001	<0.2	1.49	13	<10	170	<0.5	<2	0.43	<0.5	7	19	13	2.11
DD012962		0.30	0.003	<0.2	1.54	7	<10	150	<0.5	2	0.28	<0.5	6	21	15	1.85
DD012963		0.32	0.001	<0.2	1.66	5	<10	110	<0.5	<2	0.30	<0.5	6	23	18	1.93
DD012964		0.36	<0.001	<0.2	1.59	10	<10	80	<0.5	2	0.29	<0.5	5	21	18	2.39
DD012965		0.44	0.004	<0.2	1.58	6	<10	160	<0.5	<2	0.32	<0.5	8	24	21	2.24
DD012966		0.38	0.001	<0.2	1.39	4	<10	110	<0.5	<2	0.33	<0.5	5	21	34	1.84
DD012967		0.34	<0.001	<0.2	1.58	3	<10	100	<0.5	2	0.32	<0.5	6	21	14	1.84
DD012968		0.22	0.002	<0.2	1.79	8	<10	70	<0.5	<2	0.20	<0.5	8	24	20	2.33
DD012969		0.24	0.003	<0.2	1.29	6	<10	90	<0.5	<2	0.33	<0.5	8	20	14	2.32
DD012970		0.28	<0.001	0.3	1.68	8	<10	170	<0.5	3	0.50	<0.5	9	21	17	2.61
DD012971		0.20	0.018	0.5	2.67	12	<10	350	0.9	2	1.07	<0.5	10	26	29	3.20
DD012972		0.22	<0.001	<0.2	1.17	5	<10	100	<0.5	<2	0.37	<0.5	7	16	11	2.15
DD012973		0.24	<0.001	0.2	1.66	11	<10	200	0.6	2	0.89	0.6	10	24	41	2.56
DD012974		0.36	0.003	0.2	1.43	12	<10	150	0.5	<2	0.42	<0.5	8	21	28	2.49
DD012975		0.24	<0.001	0.6	1.67	18	<10	190	0.9	<2	0.85	<0.5	10	20	49	3.15
DD012976		0.28	0.001	0.7	1.47	18	<10	140	0.5	2	0.41	0.9	9	19	28	2.57
DD012977		0.18	<0.001	0.5	1.95	15	<10	270	0.7	<2	0.98	<0.5	9	23	37	2.48
DD012978		0.18	0.003	<0.2	1.02	15	<10	70	<0.5	<2	0.24	<0.5	6	16	13	2.23
DD012979		0.28	<0.001	<0.2	1.37	22	<10	100	<0.5	<2	0.29	<0.5	8	20	17	2.46
DD012980		0.20	0.002	<0.2	1.61	15	<10	150	0.6	<2	0.30	<0.5	6	15	27	2.41

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012941		<10	<1	0.05	10	0.36	185	<1	0.02	9	860	18	0.03	<2	3	32
DD012942		<10	<1	0.07	10	0.32	201	1	0.03	9	940	12	0.11	<2	2	48
DD012943		<10	<1	0.06	10	0.36	163	<1	0.02	10	780	16	0.06	<2	4	40
DD012944		<10	<1	0.07	20	0.42	364	1	0.02	11	670	18	0.05	<2	5	35
DD012945		<10	<1	0.07	10	0.41	157	1	0.02	13	640	12	0.05	<2	4	32
DD012946		10	<1	0.10	10	0.54	681	1	0.02	15	840	15	0.05	<2	4	47
DD012947		<10	<1	0.06	10	0.37	175	<1	0.02	10	830	6	0.04	<2	3	35
DD012948		<10	<1	0.06	20	0.36	162	<1	0.02	12	680	7	0.04	<2	5	30
DD012949		<10	<1	0.11	20	0.23	190	<1	0.04	5	620	5	0.05	<2	5	29
DD012950		<10	<1	0.08	20	0.33	495	1	0.02	9	930	6	0.06	<2	5	42
DD012951		<10	<1	0.06	10	0.48	593	1	0.02	10	580	10	0.02	<2	5	27
DD012952		<10	<1	0.09	10	0.63	273	1	0.02	13	490	12	0.01	<2	5	24
DD012953		<10	<1	0.08	10	0.58	390	1	0.02	12	560	14	0.01	<2	4	24
DD012954		10	<1	0.10	10	0.58	218	1	0.02	16	850	12	0.05	<2	5	35
DD012955		<10	<1	0.08	10	0.54	265	<1	0.02	12	660	7	0.02	<2	4	23
DD012956		10	<1	0.09	20	0.61	333	1	0.02	13	660	12	0.02	<2	6	25
DD012957		<10	<1	0.08	10	0.57	205	1	0.02	11	510	12	0.01	<2	4	20
DD012958		<10	<1	0.10	20	0.64	716	1	0.02	11	400	18	0.02	2	6	23
DD012959		10	<1	0.09	10	0.59	613	1	0.02	11	820	14	0.04	<2	5	31
DD012960		<10	<1	0.10	10	0.46	281	1	0.02	10	630	11	0.04	<2	4	25
DD012961		<10	<1	0.14	10	0.50	515	1	0.02	8	610	6	0.02	<2	4	25
DD012962		<10	<1	0.09	10	0.44	1150	<1	0.02	10	560	9	0.02	<2	3	18
DD012963		<10	<1	0.09	10	0.45	186	<1	0.02	11	730	7	0.03	<2	4	19
DD012964		<10	<1	0.09	10	0.41	157	<1	0.02	10	620	10	0.02	<2	4	18
DD012965		10	<1	0.09	10	0.47	463	<1	0.02	13	600	8	0.03	<2	3	23
DD012966		<10	<1	0.10	10	0.44	164	<1	0.02	11	610	7	0.01	<2	4	19
DD012967		<10	<1	0.10	10	0.50	187	<1	0.02	12	690	9	0.02	<2	3	18
DD012968		<10	<1	0.07	10	0.48	271	1	0.02	14	490	7	0.02	<2	3	14
DD012969		<10	<1	0.10	10	0.43	364	1	0.03	12	600	8	0.02	<2	3	22
DD012970		10	<1	0.11	10	0.51	612	1	0.03	11	640	28	0.03	<2	4	30
DD012971		10	<1	0.17	40	0.61	933	1	0.03	15	810	13	0.06	2	6	58
DD012972		<10	<1	0.12	10	0.46	398	<1	0.03	9	520	8	0.01	<2	3	23
DD012973		<10	<1	0.10	20	0.50	683	1	0.03	13	1130	19	0.13	<2	3	49
DD012974		<10	<1	0.11	10	0.47	423	1	0.02	12	490	28	0.04	2	3	26
DD012975		<10	<1	0.14	40	0.48	815	2	0.03	11	910	36	0.08	4	5	42
DD012976		<10	<1	0.11	10	0.52	734	1	0.02	10	570	270	0.02	<2	4	24
DD012977		10	<1	0.10	30	0.44	467	1	0.03	11	970	19	0.10	2	4	54
DD012978		<10	<1	0.07	10	0.29	290	1	0.02	8	540	12	0.03	2	2	19
DD012979		10	<1	0.12	10	0.44	513	1	0.02	10	400	16	0.03	2	3	19
DD012980		10	<1	0.07	10	0.37	376	1	0.02	9	800	14	0.07	<2	2	24

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012941		<20	0.04	<10	<10	44	<10	68
DD012942		<20	0.03	<10	<10	30	<10	70
DD012943		<20	0.05	<10	<10	49	<10	58
DD012944		<20	0.07	<10	<10	56	<10	76
DD012945		<20	0.06	<10	<10	50	<10	60
DD012946		<20	0.06	<10	<10	54	<10	87
DD012947		<20	0.07	<10	<10	45	<10	46
DD012948		<20	0.07	<10	<10	45	<10	47
DD012949		<20	0.05	<10	<10	44	<10	36
DD012950		<20	0.06	<10	<10	53	<10	43
DD012951		<20	0.08	<10	<10	57	<10	56
DD012952		<20	0.11	<10	<10	66	<10	66
DD012953		<20	0.10	<10	<10	63	<10	56
DD012954		<20	0.07	<10	<10	62	<10	66
DD012955		<20	0.09	<10	<10	53	<10	49
DD012956		<20	0.08	<10	<10	61	<10	58
DD012957		<20	0.08	<10	<10	53	<10	49
DD012958		<20	0.07	<10	<10	76	<10	85
DD012959		<20	0.05	<10	<10	58	<10	66
DD012960		<20	0.06	<10	<10	63	<10	55
DD012961		<20	0.07	<10	<10	51	<10	59
DD012962		<20	0.06	<10	<10	40	<10	53
DD012963		<20	0.06	<10	<10	44	<10	50
DD012964		<20	0.06	<10	<10	49	<10	44
DD012965		<20	0.07	<10	<10	46	<10	51
DD012966		<20	0.08	<10	<10	39	<10	44
DD012967		<20	0.07	<10	<10	37	<10	48
DD012968		<20	0.07	<10	<10	50	<10	46
DD012969		<20	0.08	<10	<10	50	<10	46
DD012970		<20	0.07	<10	<10	56	<10	73
DD012971		<20	0.07	<10	<10	69	<10	78
DD012972		<20	0.08	<10	<10	45	<10	54
DD012973		<20	0.06	<10	<10	56	<10	79
DD012974		<20	0.07	<10	<10	54	<10	68
DD012975		<20	0.05	<10	<10	57	<10	89
DD012976		<20	0.06	<10	<10	54	<10	242
DD012977		<20	0.05	<10	<10	51	<10	51
DD012978		<20	0.06	<10	<10	49	<10	47
DD012979		<20	0.06	<10	<10	49	<10	62
DD012980		<20	0.05	<10	<10	58	<10	54

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1016 - 510 W HASTINGS STREET
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD012981		0.26	0.002	<0.2	1.34	17	<10	200	0.8	<2	0.33	0.7	9	15	13	2.44
DD012982		0.26	0.001	0.2	1.39	16	<10	200	0.5	<2	0.40	0.6	8	20	27	2.33
DD012983		0.32	0.001	<0.2	1.50	9	<10	160	<0.5	<2	0.27	<0.5	7	17	11	2.07
DD012984		0.22	<0.001	<0.2	1.68	15	<10	210	0.6	<2	0.25	<0.5	8	18	17	2.54
DD012985		0.22	<0.001	0.3	1.60	7	<10	190	<0.5	<2	0.26	<0.5	8	19	14	2.06
DD012986		0.30	0.001	<0.2	1.31	8	<10	130	<0.5	2	0.34	<0.5	6	18	17	2.14
DD012987		0.28	0.001	<0.2	1.64	8	<10	230	<0.5	2	0.35	<0.5	6	20	23	2.06
DD012988		0.36	<0.001	0.6	1.36	21	<10	240	0.5	<2	0.48	<0.5	8	19	20	2.30
DD012989		0.30	0.001	0.2	1.98	16	<10	240	0.5	<2	0.43	<0.5	9	25	22	2.86
DD012990		0.24	<0.001	<0.2	2.07	12	<10	210	0.6	3	0.39	<0.5	10	25	29	2.77

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CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD012981		<10	<1	0.15	20	0.39	932	1	0.02	8	610	45	0.03	<2	2	21
DD012982		<10	<1	0.09	20	0.37	639	1	0.02	8	900	33	0.09	<2	3	25
DD012983		<10	<1	0.10	10	0.50	404	1	0.02	8	510	18	0.02	<2	3	17
DD012984		10	<1	0.06	10	0.48	974	1	0.02	8	780	16	0.06	<2	2	24
DD012985		<10	<1	0.04	10	0.37	570	1	0.02	8	950	12	0.08	2	1	21
DD012986		<10	<1	0.11	10	0.46	267	1	0.02	7	560	9	0.03	<2	3	19
DD012987		10	<1	0.09	10	0.46	331	1	0.02	8	460	14	0.05	2	4	21
DD012988		<10	<1	0.09	10	0.42	843	1	0.03	11	480	16	0.04	2	3	27
DD012989		10	<1	0.12	10	0.59	537	<1	0.03	15	500	14	0.03	<2	4	30
DD012990		10	<1	0.12	10	0.59	549	1	0.03	14	580	14	0.05	<2	4	30

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CERTIFICATE OF ANALYSIS WH11182375

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD012981		<20	0.04	<10	<10	44	<10	97
DD012982		<20	0.04	<10	<10	42	<10	76
DD012983		<20	0.05	<10	<10	40	<10	76
DD012984		<20	0.03	<10	<10	54	<10	61
DD012985		<20	0.03	<10	<10	42	<10	67
DD012986		<20	0.06	<10	<10	47	<10	54
DD012987		<20	0.04	<10	<10	42	<10	60
DD012988		<20	0.06	<10	<10	46	<10	57
DD012989		<20	0.07	<10	<10	59	<10	65
DD012990		<20	0.08	<10	<10	59	<10	68

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182376

Project: Klaza

P.O. No.:

This report is for 182 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg .02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD021819		0.28	0.001	0.2	1.56	11	<10	230	0.5	<2	0.67	<0.5	8	19	27	2.70
DD021820		0.14	0.003	0.2	1.83	12	<10	140	0.5	<2	0.37	<0.5	12	25	22	2.89
DD021821		0.22	<0.001	0.2	1.84	10	<10	230	0.5	<2	0.65	<0.5	9	19	25	2.97
DD021822		0.08	0.001	<0.2	1.10	3	<10	70	<0.5	<2	0.19	<0.5	6	14	17	1.62
DD021823		0.28	0.001	<0.2	1.19	6	<10	100	<0.5	<2	0.28	<0.5	7	18	15	2.01
DD021824		0.16	<0.001	<0.2	1.22	<2	<10	110	<0.5	<2	0.29	<0.5	7	19	10	1.50
DD021825		0.20	<0.001	<0.2	0.81	6	<10	70	<0.5	<2	0.17	0.8	4	11	13	1.52
DD021826		0.18	0.003	<0.2	1.16	5	<10	130	<0.5	<2	0.24	<0.5	6	18	17	2.06
DD021827		0.26	<0.001	<0.2	1.71	9	<10	170	<0.5	<2	0.32	0.5	10	29	15	2.97
DD021828		0.24	<0.001	0.2	2.04	7	<10	300	0.5	<2	0.40	0.5	17	35	23	4.03
DD021829		0.30	<0.001	0.2	1.70	9	<10	170	<0.5	<2	0.33	0.5	8	30	23	2.64
DD021830		0.24	<0.001	<0.2	1.33	4	<10	160	<0.5	<2	0.22	<0.5	7	21	9	1.95
DD021831		0.22	<0.001	1.1	1.39	2	<10	230	<0.5	<2	0.40	<0.5	9	24	22	2.14
DD021832		0.22	0.003	0.5	1.66	7	<10	250	<0.5	<2	0.47	0.5	15	28	50	3.09
DD021833		0.18	0.003	1.1	2.31	9	<10	190	0.5	<2	0.35	<0.5	8	24	58	2.99
DD021834		0.16	<0.001	0.2	1.70	9	<10	100	<0.5	<2	0.26	<0.5	8	19	26	2.70
DD021835		0.10	0.002	0.2	2.70	10	<10	120	<0.5	2	0.20	<0.5	15	22	46	3.90
DD021836		0.14	<0.001	<0.2	0.97	4	<10	80	<0.5	<2	0.29	<0.5	5	14	15	1.60
DD021837		0.14	0.002	<0.2	1.72	3	<10	180	<0.5	<2	0.44	<0.5	7	23	17	2.16
DD021838		0.26	0.017	0.3	1.87	6	<10	160	<0.5	<2	0.46	<0.5	9	28	28	2.52
DD021839		0.32	<0.001	<0.2	1.79	5	<10	170	<0.5	<2	0.41	<0.5	9	23	22	2.85
DD021840		0.30	0.003	<0.2	1.73	3	<10	180	<0.5	<2	0.48	<0.5	8	28	27	2.14
DD012991		0.26	<0.001	<0.2	1.42	7	<10	120	<0.5	<2	0.35	<0.5	7	21	14	2.13
DD012992		0.36	0.001	<0.2	1.93	7	<10	160	0.5	2	0.37	<0.5	10	23	17	2.58
DD012993		0.26	0.001	<0.2	2.03	8	<10	180	0.6	2	0.56	<0.5	9	23	24	2.80
DD012994		0.34	0.001	<0.2	1.58	4	<10	150	0.5	3	0.40	<0.5	8	24	27	2.23
DD012995		0.28	0.001	0.3	1.46	19	<10	180	0.5	3	0.30	<0.5	10	21	44	2.49
DD012996		0.30	0.001	<0.2	1.24	17	<10	340	0.6	<2	0.48	<0.5	10	17	30	2.79
DD012997		0.28	<0.001	<0.2	1.65	9	<10	190	0.6	<2	0.48	<0.5	10	37	21	2.66
DD012998		0.26	0.006	0.2	1.78	11	<10	170	0.5	3	0.40	<0.5	9	25	21	2.40
DD012999		0.24	0.001	0.2	1.87	7	<10	180	0.5	<2	0.41	<0.5	9	26	22	2.52
DD013000		0.32	<0.001	0.3	1.52	13	<10	180	<0.5	3	0.38	<0.5	9	18	20	2.90
DD014001		0.28	<0.001	<0.2	1.48	11	<10	140	<0.5	<2	0.29	<0.5	8	25	16	2.34
DD014002		0.14	0.001	1.4	1.99	71	<10	440	0.6	<2	0.33	0.6	9	27	35	6.95
DD014003		0.24	0.002	0.4	1.63	7	<10	330	<0.5	<2	0.33	<0.5	8	24	18	3.18
DD014004		0.24	<0.001	0.3	1.55	23	<10	180	<0.5	<2	0.28	<0.5	8	25	16	3.55
DD014005		0.30	<0.001	0.3	2.20	5	<10	250	<0.5	<2	0.58	0.6	9	25	31	2.17
DD014006		0.36	0.001	0.3	1.42	11	<10	140	<0.5	<2	0.27	<0.5	8	19	11	2.31
DD014007		0.28	<0.001	<0.2	1.42	9	<10	180	<0.5	<2	0.33	<0.5	6	17	12	2.00
DD014008		0.28	<0.001	<0.2	2.40	4	<10	190	<0.5	<2	0.42	<0.5	9	24	19	2.13

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD021819		<10	<1	0.12	20	0.51	503	1	0.04	11	650	11	0.06	<2	4	39
DD021820		10	1	0.11	10	0.55	746	1	0.02	13	730	21	0.05	2	4	26
DD021821		10	<1	0.18	20	0.71	641	1	0.06	11	570	23	0.04	<2	5	42
DD021822		<10	<1	0.05	10	0.26	223	1	0.03	8	670	11	0.06	<2	1	18
DD021823		<10	<1	0.06	10	0.37	157	<1	0.02	10	670	9	0.02	<2	2	14
DD021824		<10	<1	0.06	10	0.37	176	<1	0.02	10	690	11	0.02	<2	2	15
DD021825		<10	<1	0.04	10	0.16	190	<1	0.02	5	550	8	0.02	<2	1	15
DD021826		<10	<1	0.06	10	0.38	278	1	0.02	9	670	21	0.04	2	2	17
DD021827		10	<1	0.08	10	0.66	260	1	0.02	12	620	56	0.02	2	5	19
DD021828		10	<1	0.07	20	0.65	1035	1	0.02	15	850	20	0.05	<2	6	30
DD021829		10	<1	0.09	10	0.57	278	1	0.02	18	410	13	0.02	<2	5	21
DD021830		<10	<1	0.08	10	0.48	222	<1	0.02	11	280	8	0.02	<2	4	15
DD021831		<10	1	0.07	10	0.42	539	1	0.02	12	510	16	0.04	4	4	23
DD021832		10	<1	0.08	20	0.62	285	2	0.03	17	580	13	0.06	<2	6	29
DD021833		10	<1	0.09	10	0.50	281	1	0.03	13	430	21	0.03	<2	5	31
DD021834		10	<1	0.07	10	0.43	389	1	0.03	10	420	15	0.03	<2	3	21
DD021835		10	<1	0.07	10	0.63	489	1	0.03	14	460	11	0.05	<2	4	22
DD021836		10	<1	0.05	10	0.26	137	1	0.02	6	290	10	0.03	<2	2	19
DD021837		10	<1	0.05	10	0.63	315	1	0.03	12	820	8	0.06	<2	3	33
DD021838		10	<1	0.09	10	0.67	330	1	0.04	14	600	9	0.04	<2	5	31
DD021839		10	<1	0.06	10	0.71	329	<1	0.03	12	580	15	0.04	<2	5	27
DD021840		10	<1	0.08	10	0.70	328	<1	0.04	13	500	13	0.04	<2	6	33
DD012991		<10	<1	0.10	10	0.49	307	<1	0.03	12	370	6	0.04	<2	3	24
DD012992		10	<1	0.09	10	0.59	603	1	0.04	12	460	10	0.04	<2	4	28
DD012993		10	<1	0.11	20	0.67	610	1	0.03	12	550	12	0.04	2	5	31
DD012994		<10	1	0.09	20	0.52	301	<1	0.02	12	650	14	0.03	<2	4	24
DD012995		<10	<1	0.09	10	0.42	966	1	0.02	11	720	21	0.05	8	4	21
DD012996		<10	<1	0.09	20	0.34	1045	3	0.02	10	580	24	0.04	2	4	26
DD012997		10	<1	0.09	10	0.58	616	1	0.03	19	980	8	0.05	<2	4	33
DD012998		10	<1	0.09	10	0.51	488	1	0.02	13	860	10	0.07	<2	4	26
DD012999		10	<1	0.08	10	0.51	764	1	0.03	13	910	10	0.09	<2	3	30
DD013000		<10	<1	0.13	10	0.49	673	<1	0.04	11	590	12	0.03	<2	4	28
DD014001		<10	<1	0.11	10	0.54	208	1	0.02	13	450	17	0.02	2	4	18
DD014002		10	<1	0.12	20	0.34	327	2	0.03	12	1170	33	0.09	5	7	26
DD014003		10	<1	0.09	10	0.40	435	1	0.02	10	540	13	0.05	3	5	25
DD014004		10	<1	0.08	10	0.47	359	2	0.02	8	760	29	0.05	<2	4	20
DD014005		10	<1	0.10	10	0.80	339	1	0.08	12	580	28	0.06	<2	7	38
DD014006		<10	<1	0.06	10	0.36	299	1	0.02	9	830	11	0.04	<2	3	20
DD014007		<10	<1	0.07	10	0.41	202	1	0.02	9	680	10	0.03	<2	3	27
DD014008		10	<1	0.09	10	0.84	315	<1	0.05	10	490	8	0.03	<2	6	34

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD021819		<20	0.07	<10	<10	56	<10	68
DD021820		<20	0.07	<10	<10	57	<10	73
DD021821		<20	0.08	<10	<10	61	<10	66
DD021822		<20	0.05	<10	<10	37	<10	31
DD021823		<20	0.06	<10	<10	35	<10	47
DD021824		<20	0.07	<10	<10	28	<10	47
DD021825		<20	0.04	<10	<10	38	<10	37
DD021826		<20	0.05	<10	<10	48	<10	63
DD021827		<20	0.08	<10	<10	78	<10	172
DD021828		<20	0.07	<10	<10	74	<10	104
DD021829		<20	0.08	<10	<10	64	<10	92
DD021830		<20	0.06	<10	<10	39	<10	61
DD021831		<20	0.06	<10	<10	44	<10	67
DD021832		<20	0.09	<10	<10	64	<10	66
DD021833		<20	0.07	<10	<10	71	<10	68
DD021834		<20	0.10	<10	<10	70	<10	61
DD021835		<20	0.11	<10	<10	79	<10	61
DD021836		<20	0.06	<10	<10	45	<10	33
DD021837		<20	0.08	<10	<10	58	<10	63
DD021838		<20	0.08	<10	<10	62	<10	73
DD021839		<20	0.06	<10	<10	70	<10	82
DD021840		<20	0.07	<10	<10	59	<10	76
DD012991		<20	0.07	<10	<10	47	<10	46
DD012992		<20	0.08	<10	<10	55	<10	55
DD012993		<20	0.07	<10	<10	58	<10	82
DD012994		<20	0.07	<10	<10	51	<10	55
DD012995		<20	0.05	<10	<10	50	<10	68
DD012996		<20	0.03	<10	<10	44	<10	77
DD012997		<20	0.08	<10	<10	58	<10	60
DD012998		<20	0.06	<10	<10	51	<10	64
DD012999		<20	0.06	<10	<10	54	<10	56
DD013000		<20	0.07	<10	<10	54	<10	56
DD014001		<20	0.09	<10	<10	53	<10	80
DD014002		<20	0.02	<10	<10	61	<10	101
DD014003		<20	0.04	<10	<10	49	<10	75
DD014004		<20	0.06	<10	<10	71	<10	100
DD014005		<20	0.09	<10	<10	63	<10	126
DD014006		<20	0.04	<10	<10	43	<10	85
DD014007		<20	0.05	<10	<10	41	<10	74
DD014008		<20	0.10	<10	<10	58	<10	52

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg .02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014009		0.28	<0.001	<0.2	1.83	6	<10	180	<0.5	<2	0.41	<0.5	8	21	21	2.35
DD014010		0.38	0.004	<0.2	1.87	9	<10	170	<0.5	<2	0.30	<0.5	11	23	18	2.54
DD014011		0.30	<0.001	<0.2	1.95	8	<10	200	<0.5	<2	0.29	<0.5	7	22	18	2.36
DD014012		0.32	<0.001	<0.2	1.49	7	<10	180	<0.5	<2	0.37	<0.5	9	20	15	2.13
DD014013		0.34	<0.001	<0.2	1.69	7	<10	180	<0.5	<2	0.34	<0.5	8	22	17	2.12
DD014014		0.24	0.001	<0.2	1.65	6	<10	170	<0.5	<2	0.31	<0.5	8	19	16	2.08
DD014015		0.18	<0.001	0.3	2.06	10	<10	580	0.5	<2	0.54	<0.5	9	29	29	3.00
DD014016		0.36	0.002	<0.2	1.81	18	<10	330	<0.5	<2	0.39	<0.5	7	27	20	2.88
DD014017		0.34	0.012	0.2	1.89	23	<10	350	0.5	<2	0.36	<0.5	8	29	24	3.05
DD014018		0.30	0.003	0.4	1.64	43	<10	300	<0.5	2	0.36	<0.5	9	25	22	3.02
DD014019		0.38	0.005	0.2	1.66	24	<10	320	<0.5	<2	0.38	<0.5	8	24	24	2.86
DD014020		0.40	0.001	0.5	1.39	44	<10	370	<0.5	3	0.46	<0.5	7	20	22	2.74
DD014021		0.22	<0.001	<0.2	1.46	6	<10	420	0.5	<2	0.64	<0.5	7	23	18	2.35
DD014022		0.28	0.001	<0.2	1.56	9	<10	530	0.6	<2	0.63	<0.5	8	29	23	2.54
DD014023		0.28	0.001	0.2	1.12	4	<10	260	0.5	<2	0.47	<0.5	6	15	30	1.91
DD014024		0.30	0.001	<0.2	1.85	9	<10	390	0.6	<2	0.60	<0.5	9	22	21	3.37
DD014025		0.20	<0.001	<0.2	1.20	6	<10	260	<0.5	<2	0.38	<0.5	6	18	12	2.08
DD014026		0.32	<0.001	<0.2	1.27	9	<10	170	<0.5	<2	0.36	<0.5	7	21	18	2.29
DD014027		0.18	<0.001	<0.2	1.22	7	<10	190	<0.5	<2	0.35	<0.5	7	22	15	1.96
DD014028		0.20	<0.001	<0.2	1.19	4	<10	200	<0.5	<2	0.31	<0.5	4	22	35	1.48
DD014029		0.18	0.004	<0.2	1.06	4	<10	160	<0.5	<2	0.33	<0.5	4	18	28	1.33
DD014030		0.28	<0.001	<0.2	1.50	3	<10	210	<0.5	<2	0.34	<0.5	5	22	15	1.25
DD014031		0.20	0.004	0.3	1.66	15	<10	380	0.5	2	0.80	0.6	7	28	18	2.64
DD014032		0.18	0.001	0.2	1.14	10	<10	210	<0.5	<2	0.46	<0.5	5	19	14	1.94
DD014033		0.24	0.001	<0.2	0.74	9	<10	120	<0.5	<2	0.37	<0.5	4	13	8	1.56
DD014034		0.16	0.008	0.3	1.13	10	<10	310	<0.5	<2	0.71	0.9	7	19	17	2.08
DD014035		0.18	0.002	0.2	1.08	6	<10	270	<0.5	<2	0.65	1.0	6	17	35	1.53
DD014036		0.20	<0.001	<0.2	1.60	9	<10	380	0.6	<2	0.75	<0.5	9	30	21	2.64
DD014037		0.22	<0.001	<0.2	0.83	2	<10	220	<0.5	<2	0.41	<0.5	6	15	8	2.40
DD014038		0.28	<0.001	<0.2	1.48	16	<10	300	0.5	<2	0.64	<0.5	10	29	25	3.47
DD014039		0.26	0.051	0.3	1.40	7	<10	430	<0.5	<2	0.49	<0.5	8	14	13	3.32
DD014040		0.20	0.002	<0.2	1.20	6	<10	310	<0.5	<2	0.47	<0.5	7	22	15	2.86
DD014041		0.30	0.013	<0.2	1.00	8	<10	210	<0.5	<2	0.40	<0.5	6	20	13	2.53
DD014042		0.28	0.006	0.4	1.39	10	<10	550	0.7	<2	0.59	<0.5	11	21	29	3.31
DD014043		0.16	0.001	<0.2	1.22	4	<10	390	<0.5	<2	0.72	<0.5	6	23	23	1.71
DD014044		0.26	<0.001	<0.2	1.11	6	<10	270	<0.5	<2	0.54	<0.5	7	20	13	2.14
DD014045		0.20	<0.001	<0.2	1.49	6	<10	110	<0.5	<2	0.24	<0.5	7	22	12	2.16
DD014046		0.22	0.002	0.2	1.38	6	<10	130	<0.5	<2	0.23	<0.5	6	24	18	1.60
DD014047		0.22	<0.001	0.3	1.06	3	<10	110	<0.5	<2	0.29	<0.5	6	21	12	1.39
DD014048		0.30	0.002	<0.2	1.32	4	<10	110	<0.5	2	0.30	<0.5	5	21	11	1.53

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CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014009		10	<1	0.09	10	0.64	318	<1	0.04	10	500	9	0.03	<2	4	31
DD014010		10	<1	0.11	10	0.59	336	<1	0.03	13	500	9	0.02	2	4	21
DD014011		10	<1	0.08	10	0.56	249	1	0.03	11	780	7	0.05	<2	4	24
DD014012		<10	<1	0.09	10	0.51	855	1	0.03	10	640	12	0.03	<2	3	24
DD014013		10	<1	0.09	10	0.52	236	<1	0.03	11	620	10	0.03	<2	4	22
DD014014		10	<1	0.11	10	0.53	338	<1	0.03	10	590	8	0.03	<2	4	21
DD014015		10	<1	0.10	20	0.59	611	<1	0.02	16	1010	8	0.06	<2	7	35
DD014016		10	<1	0.11	10	0.62	302	1	0.02	12	610	10	0.03	<2	5	25
DD014017		10	<1	0.11	20	0.59	329	1	0.01	14	600	11	0.02	<2	6	24
DD014018		10	<1	0.11	10	0.64	577	1	0.02	11	360	69	0.01	3	5	25
DD014019		10	<1	0.09	10	0.62	391	2	0.02	12	600	15	0.01	2	5	24
DD014020		<10	<1	0.10	10	0.54	387	3	0.02	9	550	32	0.02	3	5	29
DD014021		<10	<1	0.07	20	0.48	371	<1	0.02	11	590	7	0.04	<2	5	35
DD014022		10	<1	0.08	20	0.52	415	<1	0.02	15	680	10	0.02	2	5	34
DD014023		<10	<1	0.07	30	0.40	240	<1	0.03	7	710	8	0.05	<2	5	24
DD014024		10	1	0.08	40	0.77	390	<1	0.03	9	870	12	0.04	2	7	29
DD014025		<10	<1	0.04	10	0.48	510	<1	0.02	8	640	7	0.01	<2	3	20
DD014026		<10	<1	0.05	10	0.46	217	<1	0.02	10	740	7	0.01	<2	4	20
DD014027		<10	<1	0.05	10	0.38	249	<1	0.02	11	730	8	0.01	<2	3	20
DD014028		<10	<1	0.03	10	0.23	245	<1	0.02	7	1190	9	0.06	<2	1	21
DD014029		<10	<1	0.03	10	0.25	142	<1	0.02	8	1000	8	0.05	<2	1	20
DD014030		<10	<1	0.04	10	0.42	139	<1	0.01	11	650	15	0.01	<2	3	22
DD014031		<10	<1	0.05	20	0.46	428	2	0.02	13	1050	22	0.05	<2	5	89
DD014032		<10	<1	0.05	10	0.36	212	1	0.02	9	810	17	0.03	<2	3	40
DD014033		<10	<1	0.03	10	0.26	183	<1	0.02	6	810	10	0.01	<2	2	28
DD014034		<10	<1	0.05	10	0.35	1185	1	0.02	10	910	16	0.04	<2	3	72
DD014035		<10	<1	0.05	10	0.34	629	2	0.02	25	830	26	0.04	<2	3	61
DD014036		<10	<1	0.06	20	0.50	444	2	0.02	16	980	14	0.04	<2	6	62
DD014037		<10	<1	0.04	10	0.25	209	2	0.01	9	660	7	0.02	<2	3	29
DD014038		<10	<1	0.07	20	0.47	629	3	0.02	15	810	11	0.04	<2	5	60
DD014039		<10	<1	0.12	20	0.59	352	2	0.01	8	660	11	0.02	<2	6	25
DD014040		<10	<1	0.09	20	0.42	325	1	0.02	10	480	9	0.01	<2	5	27
DD014041		<10	<1	0.10	20	0.41	190	1	0.02	9	560	12	<0.01	<2	6	23
DD014042		<10	<1	0.11	30	0.33	906	2	0.02	18	550	15	0.02	2	8	32
DD014043		<10	<1	0.05	20	0.37	236	1	0.02	11	730	7	0.10	<2	5	61
DD014044		<10	<1	0.06	20	0.35	252	1	0.02	9	710	8	0.03	<2	5	43
DD014045		<10	<1	0.07	10	0.41	314	1	0.02	10	530	14	0.03	<2	2	25
DD014046		<10	<1	0.08	20	0.37	178	1	0.02	10	630	28	0.03	<2	3	20
DD014047		<10	<1	0.09	10	0.29	412	1	0.02	8	840	33	0.03	2	3	20
DD014048		<10	<1	0.09	10	0.37	221	1	0.02	11	700	11	0.02	<2	3	19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014009		<20	0.09	<10	<10	56	<10	50
DD014010		<20	0.09	<10	<10	53	<10	52
DD014011		<20	0.07	<10	<10	52	<10	56
DD014012		<20	0.09	<10	<10	51	<10	53
DD014013		<20	0.07	<10	<10	52	<10	57
DD014014		<20	0.09	<10	<10	50	<10	57
DD014015		<20	0.07	<10	<10	72	<10	72
DD014016		<20	0.09	<10	<10	72	<10	73
DD014017		<20	0.08	<10	<10	66	<10	67
DD014018		<20	0.11	<10	<10	72	<10	135
DD014019		<20	0.10	<10	<10	68	<10	82
DD014020		<20	0.08	<10	<10	62	<10	123
DD014021		<20	0.04	<10	<10	51	<10	58
DD014022		<20	0.05	<10	<10	54	<10	58
DD014023		<20	0.05	<10	<10	45	<10	45
DD014024		<20	0.07	<10	<10	81	<10	76
DD014025		<20	0.07	<10	<10	52	<10	47
DD014026		<20	0.06	<10	<10	52	<10	45
DD014027		<20	0.07	<10	<10	42	<10	43
DD014028		<20	0.04	<10	<10	49	<10	40
DD014029		<20	0.04	<10	<10	38	<10	39
DD014030		<20	0.04	<10	<10	40	<10	47
DD014031		<20	0.05	<10	10	54	<10	88
DD014032		<20	0.04	<10	<10	41	<10	64
DD014033		<20	0.04	<10	<10	38	<10	45
DD014034		<20	0.04	<10	10	39	<10	88
DD014035		<20	0.04	<10	<10	34	<10	86
DD014036		<20	0.06	<10	10	59	<10	79
DD014037		<20	0.04	<10	<10	29	<10	42
DD014038		<20	0.06	<10	<10	76	<10	58
DD014039		<20	0.01	<10	<10	48	<10	64
DD014040		<20	0.03	<10	<10	53	<10	45
DD014041		<20	0.04	<10	<10	45	<10	52
DD014042		<20	0.02	<10	<10	52	<10	51
DD014043		<20	0.05	<10	<10	46	<10	69
DD014044		<20	0.05	<10	<10	47	<10	58
DD014045		<20	0.06	<10	<10	51	<10	43
DD014046		<20	0.06	<10	<10	56	<10	48
DD014047		<20	0.05	<10	<10	38	<10	53
DD014048		<20	0.06	<10	<10	37	<10	46

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg .02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014049		0.22	0.002	<0.2	1.30	9	<10	110	<0.5	<2	0.27	<0.5	5	20	10	1.77
DD014050		0.22	<0.001	<0.2	1.44	6	<10	120	<0.5	<2	0.25	<0.5	7	21	10	2.14
DD014051		0.12	<0.001	0.2	0.75	4	<10	250	<0.5	<2	0.54	<0.5	6	8	17	1.73
DD014052		0.30	0.001	<0.2	1.82	11	<10	360	<0.5	<2	0.34	<0.5	10	29	25	2.32
DD014053		0.28	0.001	<0.2	1.77	17	<10	430	0.5	<2	0.42	<0.5	9	27	25	2.38
DD014054		0.26	0.001	0.4	1.58	22	<10	310	<0.5	<2	0.43	<0.5	12	21	18	2.59
DD014055		0.18	<0.001	0.3	1.78	10	<10	380	0.5	<2	0.45	0.5	9	22	29	2.36
DD014056		0.18	<0.001	<0.2	1.90	12	<10	440	<0.5	<2	0.41	<0.5	6	26	37	2.78
DD014057		0.24	0.001	<0.2	1.59	15	<10	290	<0.5	<2	0.35	<0.5	8	21	24	2.74
DD014058		0.40	0.001	0.2	1.68	8	<10	190	0.5	<2	0.34	0.9	8	32	25	2.92
DD014059		0.34	<0.001	<0.2	1.55	7	<10	230	0.5	<2	0.35	1.1	14	31	25	3.14
DD014060		0.28	<0.001	<0.2	1.54	5	<10	130	<0.5	<2	0.26	<0.5	9	28	11	2.65
DD014061		0.36	0.005	0.4	1.78	9	<10	210	0.5	<2	0.52	1.7	12	36	43	3.28
DD014062		0.20	<0.001	<0.2	1.17	7	<10	200	<0.5	<2	0.25	<0.5	5	22	16	2.16
DD014063		0.30	<0.001	0.3	1.29	12	<10	190	0.7	<2	0.24	<0.5	12	26	45	3.89
DD014064		0.22	0.003	0.8	2.01	13	<10	330	0.6	<2	0.35	<0.5	8	34	44	2.95
DD014065		0.16	<0.001	0.4	2.14	9	<10	120	<0.5	<2	0.18	<0.5	9	31	33	3.03
DD014066		0.20	<0.001	0.6	2.11	29	<10	190	0.7	2	0.26	<0.5	13	18	46	3.15
DD014067		0.16	0.002	0.2	1.64	5	<10	120	<0.5	<2	0.47	<0.5	7	20	21	2.08
DD014068		0.26	<0.001	0.2	1.82	5	<10	110	<0.5	<2	0.43	<0.5	9	22	27	2.47
DD014069		0.14	<0.001	0.2	1.69	7	<10	150	<0.5	<2	0.45	<0.5	8	21	28	2.40
DD014070		0.18	0.002	<0.2	1.45	7	<10	130	<0.5	<2	0.32	<0.5	7	22	17	2.30
DD014071		0.16	0.003	0.2	1.61	3	<10	160	<0.5	<2	0.49	0.5	6	25	34	1.93
DD014072		0.18	0.007	<0.2	1.88	3	<10	190	<0.5	<2	0.48	<0.5	9	56	23	2.10
DD014073		0.22	<0.001	<0.2	1.65	5	<10	130	<0.5	2	0.41	<0.5	7	21	19	2.51
DD014074		Not Recvd														
DD014075		0.30	<0.001	<0.2	1.51	4	<10	200	<0.5	<2	0.34	<0.5	8	20	22	1.96
DD014076		0.22	0.006	0.2	1.47	3	<10	170	<0.5	<2	0.36	<0.5	5	18	12	1.36
DD014077		0.20	0.002	0.2	1.34	6	<10	180	<0.5	<2	0.32	<0.5	6	16	14	1.72
DD014078		0.16	<0.001	<0.2	0.98	<2	<10	140	<0.5	<2	0.30	<0.5	3	12	16	0.82
DD014079		0.28	0.011	<0.2	1.58	11	<10	260	<0.5	<2	0.26	<0.5	7	21	14	2.38
DD014080		0.22	<0.001	<0.2	1.40	13	<10	390	<0.5	<2	0.59	<0.5	9	17	11	3.00
DD014081		0.16	0.001	0.2	1.08	7	<10	270	<0.5	<2	0.33	<0.5	4	18	20	1.47
DD014082		0.16	0.001	0.2	1.87	19	<10	320	<0.5	<2	0.41	<0.5	9	17	20	3.82
DD014083		0.16	0.001	<0.2	1.71	14	<10	280	<0.5	<2	0.38	<0.5	11	23	26	2.89
DD014084		0.14	0.003	<0.2	1.44	3	<10	240	<0.5	<2	0.39	<0.5	6	20	20	1.77
DD014085		0.18	0.003	0.3	2.12	5	<10	500	0.7	<2	0.65	<0.5	7	19	27	2.54
DD014086		0.12	<0.001	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
DD014087		0.16	<0.001	<0.2	1.37	6	<10	290	<0.5	<2	0.29	<0.5	7	20	15	2.01
DD014088		0.18	0.002	<0.2	1.81	8	<10	370	0.5	<2	0.54	<0.5	7	27	19	2.69

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014049		<10	<1	0.09	10	0.37	207	<1	0.02	10	590	11	0.01	<2	3	17
DD014050		<10	<1	0.08	10	0.40	294	1	0.02	10	550	9	0.01	<2	3	18
DD014051		<10	<1	0.04	10	0.12	276	<1	0.04	6	890	<2	0.05	<2	2	40
DD014052		10	<1	0.10	10	0.59	272	<1	0.02	14	580	10	0.02	<2	5	25
DD014053		10	<1	0.10	20	0.59	330	<1	0.02	14	550	9	0.02	2	6	28
DD014054		<10	<1	0.11	10	0.48	571	1	0.02	10	610	27	0.01	<2	5	28
DD014055		<10	<1	0.09	20	0.52	372	<1	0.02	11	750	15	0.03	<2	6	30
DD014056		10	<1	0.12	20	0.55	173	2	0.02	11	640	11	0.03	<2	7	32
DD014057		10	<1	0.11	10	0.53	321	1	0.02	9	440	9	0.01	<2	5	24
DD014058		<10	<1	0.09	20	0.62	240	<1	0.02	13	570	26	<0.01	<2	6	21
DD014059		<10	<1	0.13	20	0.64	574	<1	0.02	16	690	20	<0.01	2	8	21
DD014060		<10	<1	0.10	10	0.54	273	<1	0.02	13	510	12	<0.01	<2	5	16
DD014061		10	<1	0.14	20	0.71	556	1	0.03	18	700	37	<0.01	4	11	31
DD014062		10	<1	0.08	10	0.36	236	1	0.01	10	290	6	<0.01	<2	4	21
DD014063		<10	<1	0.12	20	0.32	356	1	0.01	13	640	20	<0.01	4	10	15
DD014064		10	<1	0.09	30	0.56	337	1	0.01	17	390	13	<0.01	2	7	24
DD014065		10	<1	0.06	10	0.46	305	2	0.01	15	290	9	<0.01	<2	3	19
DD014066		<10	<1	0.09	10	0.40	782	1	0.01	12	290	47	<0.01	<2	6	21
DD014067		<10	<1	0.08	10	0.57	560	1	0.03	12	560	15	0.02	<2	4	28
DD014068		<10	<1	0.07	10	0.63	380	1	0.03	13	640	8	0.02	<2	4	29
DD014069		<10	<1	0.06	10	0.55	354	1	0.04	11	690	7	0.04	<2	3	35
DD014070		<10	<1	0.05	10	0.47	206	<1	0.02	11	640	8	0.01	<2	4	22
DD014071		<10	<1	0.10	10	0.54	454	<1	0.02	13	390	21	0.03	<2	5	34
DD014072		10	<1	0.12	10	0.78	343	<1	0.04	23	530	7	0.03	<2	4	37
DD014073		<10	<1	0.09	10	0.60	270	<1	0.03	9	470	8	0.02	<2	6	28
DD014074																
DD014075		<10	<1	0.07	20	0.51	229	1	0.02	9	470	8	0.02	<2	5	21
DD014076		<10	<1	0.07	10	0.42	263	<1	0.02	9	590	12	0.02	<2	4	25
DD014077		<10	<1	0.06	10	0.35	366	1	0.02	8	730	9	0.02	<2	3	23
DD014078		<10	<1	0.05	10	0.29	130	<1	0.02	6	590	7	0.01	<2	2	19
DD014079		<10	<1	0.09	10	0.46	200	1	0.01	9	510	9	0.02	<2	5	18
DD014080		<10	<1	0.12	10	0.54	353	1	0.02	8	710	7	0.02	<2	6	31
DD014081		<10	<1	0.08	10	0.35	176	<1	0.02	8	430	16	0.02	<2	3	22
DD014082		10	<1	0.07	10	0.49	703	3	0.01	6	780	10	0.02	<2	4	25
DD014083		<10	<1	0.07	10	0.49	467	2	0.02	9	730	9	0.02	<2	4	23
DD014084		<10	<1	0.06	10	0.38	274	<1	0.02	9	650	10	0.03	<2	4	24
DD014085		<10	<1	0.12	50	0.47	379	<1	0.02	8	740	15	0.06	<2	11	36
DD014086		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
DD014087		<10	<1	0.06	20	0.36	278	<1	0.02	11	420	6	0.01	<2	3	19
DD014088		10	1	0.09	20	0.56	353	<1	0.02	12	570	7	0.03	<2	6	32

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CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014049		<20	0.07	<10	<10	48	<10	46
DD014050		<20	0.07	<10	<10	43	<10	49
DD014051		<20	0.05	<10	<10	41	<10	31
DD014052		<20	0.08	<10	<10	66	<10	70
DD014053		<20	0.09	<10	<10	71	<10	67
DD014054		<20	0.06	<10	<10	57	<10	108
DD014055		<20	0.06	<10	<10	62	<10	84
DD014056		<20	0.06	<10	<10	68	<10	83
DD014057		<20	0.10	<10	<10	66	<10	70
DD014058		<20	0.10	<10	<10	69	<10	153
DD014059		<20	0.09	<10	<10	72	<10	118
DD014060		<20	0.09	<10	<10	62	<10	91
DD014061		<20	0.09	<10	<10	79	<10	177
DD014062		<20	0.07	<10	<10	61	<10	64
DD014063		<20	0.03	<10	<10	73	<10	131
DD014064		<20	0.07	<10	<10	64	<10	58
DD014065		<20	0.08	<10	<10	71	<10	52
DD014066		<20	0.01	<10	<10	64	<10	133
DD014067		<20	0.09	<10	<10	55	<10	76
DD014068		<20	0.10	<10	<10	66	<10	72
DD014069		<20	0.09	<10	<10	65	<10	69
DD014070		<20	0.07	<10	<10	57	<10	56
DD014071		<20	0.07	<10	<10	49	<10	91
DD014072		<20	0.12	<10	<10	60	<10	79
DD014073		<20	0.07	<10	<10	67	<10	75
DD014074								
DD014075		<20	0.07	<10	<10	58	<10	78
DD014076		<20	0.05	<10	<10	41	<10	82
DD014077		<20	0.05	<10	<10	40	<10	73
DD014078		<20	0.05	<10	<10	19	<10	53
DD014079		<20	0.06	<10	<10	64	<10	86
DD014080		<20	0.07	<10	<10	67	<10	85
DD014081		<20	0.06	<10	<10	48	<10	54
DD014082		<20	0.05	<10	<10	72	<10	80
DD014083		<20	0.10	<10	<10	72	<10	69
DD014084		<20	0.07	<10	<10	51	<10	68
DD014085		20	0.02	<10	<10	63	<10	83
DD014086		NSS	NSS	NSS	NSS	NSS	NSS	NSS
DD014087		<20	0.06	<10	<10	46	<10	37
DD014088		<20	0.06	<10	<10	63	<10	58

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg .02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014089		0.26	<0.001	<0.2	1.50	9	<10	380	<0.5	<2	0.45	<0.5	12	20	12	3.46
DD014090		0.24	<0.001	<0.2	1.52	7	<10	500	0.7	<2	0.59	<0.5	9	19	17	2.40
DD014091		0.26	<0.001	<0.2	1.88	9	<10	280	0.6	<2	0.51	<0.5	12	28	23	3.24
DD014092		0.46	0.001	<0.2	1.74	9	<10	240	<0.5	<2	0.41	<0.5	8	20	13	3.01
DD014093		0.18	0.002	<0.2	1.18	4	<10	210	<0.5	<2	0.40	<0.5	5	20	15	1.40
DD014094		0.20	<0.001	<0.2	1.77	13	<10	270	<0.5	<2	0.36	<0.5	9	29	20	2.73
DD014095		0.30	0.007	<0.2	1.16	5	<10	160	<0.5	<2	0.35	<0.5	6	20	21	1.95
DD014096		0.12	0.001	<0.2	1.42	4	<10	210	<0.5	<2	0.40	<0.5	5	28	19	1.51
DD014097		0.16	<0.001	0.3	1.91	7	<10	320	0.5	<2	0.61	<0.5	6	30	22	2.06
DD014098		0.18	0.004	<0.2	1.00	8	<10	170	<0.5	<2	0.38	<0.5	4	15	11	1.68
DD014099		0.28	<0.001	<0.2	0.91	8	<10	190	<0.5	<2	0.48	<0.5	5	14	10	1.60
DD014100		0.18	<0.001	<0.2	0.99	6	<10	360	<0.5	<2	0.59	<0.5	4	17	18	1.58
DD014101		0.14	<0.001	<0.2	1.03	7	<10	370	<0.5	<2	0.60	<0.5	5	17	18	1.63
DD014102		0.24	0.010	<0.2	0.85	3	<10	290	<0.5	<2	0.40	<0.5	4	13	9	1.58
DD014103		0.22	0.002	<0.2	0.95	3	<10	300	<0.5	<2	0.60	<0.5	5	18	20	1.50
DD014104		0.28	<0.001	<0.2	1.01	3	<10	290	<0.5	<2	0.62	<0.5	5	18	14	1.53
DD014105		0.18	<0.001	<0.2	1.38	2	<10	440	0.5	<2	0.68	<0.5	7	25	18	1.73
DD014106		0.26	<0.001	<0.2	0.75	3	<10	210	<0.5	<2	0.37	<0.5	5	13	8	1.66
DD014107		0.28	<0.001	<0.2	0.77	5	<10	220	<0.5	<2	0.40	<0.5	4	12	8	1.56
DD014108		0.26	<0.001	<0.2	0.85	2	<10	240	<0.5	<2	0.40	<0.5	4	14	29	1.38
DD014109		0.20	<0.001	<0.2	0.86	5	<10	220	<0.5	<2	0.43	<0.5	5	16	13	1.31
DD014110		0.30	0.002	<0.2	0.65	<2	<10	130	<0.5	<2	0.39	<0.5	2	12	15	0.61
DD014111		0.32	0.001	<0.2	1.20	4	<10	220	<0.5	<2	0.53	<0.5	6	27	14	1.82
DD014112		0.30	<0.001	<0.2	1.05	<2	<10	170	<0.5	<2	0.53	<0.5	5	27	21	1.64
DD014113		0.28	<0.001	<0.2	1.40	5	<10	200	<0.5	<2	0.54	<0.5	6	39	16	2.39
DD014114		0.34	<0.001	0.2	0.92	4	<10	160	<0.5	<2	0.39	<0.5	4	22	13	1.56
DD014115		0.32	<0.001	<0.2	1.38	9	<10	200	<0.5	<2	0.62	<0.5	9	46	17	3.05
DD014116		0.34	<0.001	<0.2	1.27	5	<10	180	0.6	<2	0.58	<0.5	10	54	29	2.67
DD014117		0.46	<0.001	<0.2	1.83	8	<10	140	0.5	<2	0.30	<0.5	11	49	25	3.18
DD014118		0.26	<0.001	0.2	1.87	11	<10	80	<0.5	<2	0.16	<0.5	8	37	20	3.39
DD014119		0.30	0.001	0.3	1.09	7	<10	300	0.5	<2	0.51	<0.5	9	18	20	3.22
DD014120		0.28	<0.001	<0.2	1.42	10	<10	110	<0.5	<2	0.24	<0.5	7	34	23	3.49
DD014141		0.16	0.003	0.2	1.39	6	<10	410	<0.5	<2	1.06	0.9	7	21	20	2.05
DD014142		0.18	<0.001	<0.2	0.89	3	<10	200	<0.5	<2	0.58	<0.5	5	16	10	1.65
DD014143		0.28	<0.001	0.2	1.41	17	<10	280	<0.5	<2	0.80	<0.5	11	24	13	3.64
DD014144		0.10	NSS	<0.2	0.49	<2	<10	480	<0.5	<2	3.09	<0.5	5	10	12	1.31
DD014145		0.16	<0.001	<0.2	1.72	10	<10	150	0.5	<2	0.38	<0.5	14	59	36	3.54
DD014146		0.10	0.023	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
DD014147		0.12	<0.001	<0.2	0.71	2	<10	490	<0.5	<2	1.09	<0.5	9	8	23	8.50
DD014148		0.30	0.004	0.3	1.01	6	<10	520	0.5	<2	1.16	<0.5	10	17	25	3.03

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014089		<10	2	0.07	10	0.55	1875	1	0.02	9	700	8	0.02	2	5	25
DD014090		<10	<1	0.08	30	0.42	860	<1	0.01	9	560	8	0.03	<2	6	30
DD014091		10	<1	0.08	30	0.77	469	<1	0.02	13	740	11	<0.01	<2	8	29
DD014092		10	1	0.05	20	0.65	374	<1	0.01	8	760	8	0.02	<2	5	22
DD014093		<10	<1	0.05	10	0.35	158	<1	0.02	10	680	6	0.02	<2	3	22
DD014094		10	<1	0.06	10	0.48	254	<1	0.02	11	820	7	0.01	<2	5	22
DD014095		<10	<1	0.04	10	0.33	365	<1	0.02	8	980	5	0.03	<2	2	21
DD014096		10	<1	0.05	10	0.37	399	<1	0.02	9	1060	11	0.05	<2	2	28
DD014097		10	<1	0.06	10	0.47	192	1	0.02	13	830	14	0.04	<2	4	52
DD014098		<10	<1	0.04	10	0.31	158	1	0.02	7	800	11	0.03	<2	3	31
DD014099		<10	<1	0.03	10	0.29	237	1	0.02	7	880	10	0.02	<2	3	40
DD014100		<10	<1	0.04	20	0.29	344	1	0.02	8	660	6	0.08	<2	4	48
DD014101		<10	<1	0.04	20	0.30	347	1	0.02	8	700	7	0.08	<2	4	48
DD014102		<10	<1	0.04	10	0.27	140	<1	0.01	6	650	5	0.03	<2	3	27
DD014103		<10	<1	0.05	20	0.28	233	1	0.02	10	930	8	0.05	<2	4	43
DD014104		<10	<1	0.05	20	0.32	226	1	0.02	9	810	7	0.06	<2	4	45
DD014105		<10	<1	0.08	20	0.43	190	1	0.02	11	740	9	0.07	<2	6	53
DD014106		<10	<1	0.04	10	0.23	357	1	0.02	7	720	5	0.02	<2	3	25
DD014107		<10	<1	0.05	20	0.24	170	<1	0.02	5	810	4	0.02	<2	3	28
DD014108		<10	<1	0.05	20	0.25	156	2	0.01	26	710	23	0.02	<2	4	27
DD014109		<10	<1	0.04	20	0.23	260	1	0.01	11	730	8	0.02	<2	3	26
DD014110		<10	<1	0.02	10	0.17	78	<1	0.01	10	610	8	0.01	<2	2	23
DD014111		<10	<1	0.04	10	0.40	317	<1	0.02	12	750	10	0.01	<2	3	33
DD014112		<10	<1	0.05	10	0.32	176	<1	0.02	15	750	10	0.02	<2	4	35
DD014113		10	<1	0.05	10	0.37	274	<1	0.02	15	930	10	0.01	<2	5	39
DD014114		<10	<1	0.04	10	0.31	151	<1	0.01	11	710	6	0.01	<2	3	26
DD014115		<10	<1	0.07	10	0.59	410	1	0.02	24	1280	10	<0.01	2	6	40
DD014116		10	<1	0.07	20	0.71	262	1	0.02	30	1370	8	0.01	<2	7	37
DD014117		10	<1	0.06	10	0.65	342	1	0.01	29	650	7	<0.01	<2	5	23
DD014118		10	<1	0.05	10	0.42	244	1	0.01	19	660	10	0.01	<2	3	15
DD014119		<10	<1	0.11	20	0.37	439	2	0.01	12	490	13	0.02	4	7	26
DD014120		10	<1	0.06	10	0.43	377	2	0.01	22	920	13	0.01	<2	3	24
DD014141		<10	<1	0.05	20	0.41	785	1	0.02	12	1020	20	0.07	<2	3	116
DD014142		<10	<1	0.05	10	0.31	221	1	0.02	9	810	6	0.03	<2	3	39
DD014143		10	<1	0.06	10	0.42	430	3	0.01	12	910	10	0.04	<2	4	57
DD014144		<10	<1	0.03	10	0.20	407	<1	0.03	7	760	4	0.27	<2	2	121
DD014145		10	<1	0.08	10	0.86	524	1	0.01	37	1160	9	<0.01	3	6	25
DD014146		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
DD014147		<10	<1	0.04	10	0.14	987	2	0.03	5	780	5	0.14	<2	3	55
DD014148		<10	<1	0.10	20	0.32	871	1	0.02	9	780	12	0.10	4	7	55

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014089		<20	0.04	<10	<10	70	<10	58
DD014090		<20	0.04	<10	<10	52	<10	59
DD014091		<20	0.11	<10	<10	80	<10	71
DD014092		<20	0.07	<10	<10	72	<10	61
DD014093		<20	0.06	<10	<10	39	<10	41
DD014094		<20	0.07	<10	<10	63	<10	57
DD014095		<20	0.05	<10	<10	46	<10	49
DD014096		<20	0.05	<10	<10	44	<10	47
DD014097		<20	0.06	<10	10	57	<10	51
DD014098		<20	0.04	<10	<10	35	<10	47
DD014099		<20	0.04	<10	<10	36	<10	45
DD014100		<20	0.04	<10	<10	47	<10	50
DD014101		<20	0.04	<10	<10	48	<10	51
DD014102		<20	0.04	<10	<10	26	<10	43
DD014103		<20	0.05	<10	<10	54	<10	58
DD014104		<20	0.05	<10	<10	39	<10	56
DD014105		<20	0.06	<10	<10	51	<10	70
DD014106		<20	0.04	<10	<10	30	<10	35
DD014107		<20	0.03	<10	<10	31	<10	38
DD014108		<20	0.04	<10	<10	34	<10	58
DD014109		<20	0.04	<10	<10	35	<10	39
DD014110		<20	0.04	<10	<10	14	<10	24
DD014111		<20	0.06	<10	<10	47	<10	50
DD014112		<20	0.05	<10	<10	42	<10	42
DD014113		<20	0.05	<10	<10	67	<10	43
DD014114		<20	0.04	<10	<10	36	<10	30
DD014115		<20	0.06	<10	<10	74	<10	61
DD014116		<20	0.09	<10	<10	72	<10	57
DD014117		<20	0.09	<10	<10	82	<10	49
DD014118		<20	0.10	<10	<10	87	<10	42
DD014119		<20	0.04	<10	<10	61	<10	60
DD014120		<20	0.09	<10	<10	89	<10	50
DD014141		<20	0.04	<10	<10	42	<10	77
DD014142		<20	0.05	<10	<10	36	<10	49
DD014143		<20	0.05	<10	<10	63	<10	69
DD014144		<20	0.03	<10	<10	22	<10	42
DD014145		<20	0.10	<10	<10	94	<10	61
DD014146		NSS	NSS	NSS	NSS	NSS	NSS	NSS
DD014147		<20	0.02	<10	<10	39	<10	35
DD014148		<20	0.02	<10	<10	52	<10	57

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CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg .02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014149		0.30	0.003	0.4	1.09	6	<10	370	0.6	<2	0.65	<0.5	8	17	26	3.08
DD014150		0.22	0.070	0.3	1.07	6	<10	480	0.5	<2	0.72	<0.5	11	13	25	3.58
DD014151		0.28	<0.001	0.3	1.73	10	<10	830	0.8	<2	0.77	<0.5	10	25	27	3.48
DD014152		0.30	0.007	0.3	1.48	9	<10	570	0.6	<2	0.65	<0.5	11	20	23	3.79
DD014153		0.12	0.001	0.3	1.41	6	<10	670	0.5	<2	1.01	<0.5	9	23	24	2.49
DD014154		0.28	<0.001	0.3	1.89	9	<10	170	<0.5	<2	0.21	<0.5	7	32	19	3.66
DD014155		0.22	0.005	0.2	1.30	6	<10	220	<0.5	<2	0.20	<0.5	6	19	20	2.43
DD014156		0.30	0.005	0.2	1.43	6	<10	250	<0.5	<2	0.60	<0.5	8	40	21	2.76
DD014157		0.28	<0.001	0.2	1.53	7	<10	220	0.7	<2	0.59	<0.5	8	47	22	3.22
DD014158		0.26	<0.001	<0.2	1.42	9	<10	250	0.7	<2	0.67	<0.5	11	48	27	3.03
DD014159		0.28	0.021	0.2	1.66	8	<10	290	0.9	<2	0.68	<0.5	9	48	32	3.05
DD014160		0.18	<0.001	0.2	1.01	2	<10	250	<0.5	<2	0.69	<0.5	6	20	16	1.98
DD014161		0.24	<0.001	0.3	1.25	4	<10	400	<0.5	<2	0.36	<0.5	6	19	13	2.26
DD014162		0.28	<0.001	<0.2	1.71	8	<10	190	<0.5	<2	0.31	<0.5	7	25	18	2.78
DD014163		0.34	<0.001	0.2	1.54	8	<10	490	0.5	<2	0.49	<0.5	9	21	17	3.18
DD014164		0.26	0.002	0.3	2.26	7	<10	320	0.5	<2	0.33	<0.5	8	35	17	3.12
DD014165		0.26	<0.001	<0.2	0.97	3	<10	190	<0.5	<2	0.30	<0.5	5	16	12	1.70
DD014166		0.30	<0.001	<0.2	1.30	7	<10	350	<0.5	<2	0.29	<0.5	6	22	14	2.41
DD014167		0.34	0.004	<0.2	1.34	6	<10	290	<0.5	<2	0.25	<0.5	6	21	10	2.33
DD014168		0.20	<0.001	0.3	1.16	4	<10	350	0.6	<2	0.40	<0.5	5	16	19	1.85
DD014169		0.26	0.001	<0.2	1.43	<2	<10	140	<0.5	<2	0.26	<0.5	5	21	8	1.61
DD014170		0.34	<0.001	<0.2	1.23	<2	<10	170	<0.5	<2	0.28	<0.5	5	18	8	1.36

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2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014149		<10	<1	0.13	20	0.33	485	3	0.01	8	710	15	0.04	3	9	29
DD014150		<10	<1	0.11	10	0.30	1330	3	0.01	8	460	14	0.04	5	9	35
DD014151		10	<1	0.13	50	0.47	461	1	0.02	17	610	14	0.03	3	11	54
DD014152		10	<1	0.09	20	0.53	546	1	0.01	11	820	15	0.03	4	9	38
DD014153		<10	<1	0.07	20	0.45	437	<1	0.02	13	690	11	0.05	<2	6	58
DD014154		10	<1	0.09	10	0.47	314	1	0.01	14	330	10	<0.01	<2	3	19
DD014155		10	<1	0.06	10	0.30	388	1	0.01	9	300	10	<0.01	<2	3	17
DD014156		<10	<1	0.06	10	0.50	422	1	0.02	19	1270	9	0.01	<2	5	41
DD014157		<10	<1	0.07	20	0.52	443	1	0.02	18	1120	10	0.01	<2	7	41
DD014158		10	<1	0.07	20	0.56	633	1	0.02	23	1350	12	0.01	<2	8	47
DD014159		10	<1	0.07	30	0.55	380	<1	0.02	24	1130	12	0.01	3	9	48
DD014160		<10	<1	0.07	20	0.36	286	1	0.01	10	820	8	0.04	<2	5	51
DD014161		<10	<1	0.07	20	0.40	374	<1	0.01	10	560	9	<0.01	<2	5	22
DD014162		10	<1	0.09	10	0.45	252	1	0.01	13	440	9	<0.01	<2	4	24
DD014163		10	<1	0.14	20	0.70	681	1	0.02	11	710	9	<0.01	<2	7	27
DD014164		10	<1	0.09	20	0.54	329	1	0.02	18	310	10	0.03	<2	5	25
DD014165		<10	<1	0.07	10	0.31	286	<1	0.01	9	670	6	0.04	<2	4	19
DD014166		10	<1	0.10	10	0.42	339	1	0.01	12	360	10	0.04	2	5	22
DD014167		10	<1	0.08	20	0.44	265	1	0.01	10	350	8	0.03	<2	4	19
DD014168		<10	<1	0.07	60	0.33	304	1	0.01	8	700	7	0.04	<2	9	26
DD014169		<10	<1	0.08	10	0.43	203	<1	0.01	11	490	11	0.04	<2	3	17
DD014170		<10	<1	0.08	10	0.39	162	<1	0.01	9	440	11	0.04	<2	3	17

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182376

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD014149		<20	0.02	<10	<10	61	<10	71
DD014150		<20	0.02	<10	<10	60	<10	64
DD014151		<20	0.03	<10	<10	67	<10	55
DD014152		<20	0.03	<10	<10	72	<10	60
DD014153		<20	0.04	<10	<10	56	<10	43
DD014154		<20	0.11	<10	<10	88	<10	45
DD014155		<20	0.05	<10	<10	63	<10	35
DD014156		<20	0.04	<10	<10	67	<10	56
DD014157		<20	0.05	<10	<10	76	<10	54
DD014158		<20	0.04	<10	<10	77	<10	63
DD014159		<20	0.05	<10	<10	75	<10	53
DD014160		<20	0.05	<10	<10	41	<10	59
DD014161		<20	0.06	<10	<10	47	<10	39
DD014162		<20	0.08	<10	<10	62	<10	46
DD014163		<20	0.11	<10	<10	71	<10	58
DD014164		<20	0.11	<10	<10	72	<10	55
DD014165		<20	0.05	<10	<10	35	<10	31
DD014166		<20	0.06	<10	<10	53	<10	50
DD014167		<20	0.07	<10	<10	52	<10	39
DD014168		<20	0.03	<10	<10	38	<10	32
DD014169		<20	0.07	<10	<10	39	<10	54
DD014170		<20	0.08	<10	<10	32	<10	50

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CERTIFICATE OF ANALYSIS WH11182376

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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CERTIFICATE WH11182377

Project: Klaza

P.O. No.:

This report is for 140 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD14191		0.32	<0.001	0.2	1.58	9	<10	290	<0.5	3	0.18	<0.5	7	16	16	3.38
DD14192		0.26	<0.001	0.5	1.16	8	<10	250	<0.5	4	0.24	<0.5	7	19	15	2.55
DD14193		0.24	<0.001	0.3	1.01	6	<10	630	0.6	<2	0.50	<0.5	9	9	22	3.60
DD14194		0.24	<0.001	0.3	1.93	8	<10	190	<0.5	2	0.20	<0.5	8	27	14	3.26
DD14195		0.30	<0.001	<0.2	1.86	9	<10	180	<0.5	<2	0.19	<0.5	7	27	19	3.10
DD14196		0.24	<0.001	<0.2	2.79	12	<10	180	0.5	<2	0.15	<0.5	12	37	21	4.01
DD14197		0.28	<0.001	<0.2	1.68	5	<10	520	0.5	<2	0.41	<0.5	8	19	22	2.76
DD14198		0.22	<0.001	<0.2	1.26	3	<10	300	<0.5	<2	0.72	<0.5	6	19	13	2.07
DD14199		0.38	0.001	<0.2	1.54	9	<10	260	0.6	<2	0.63	<0.5	9	50	23	3.06
DD14200		0.32	<0.001	<0.2	1.53	8	<10	230	0.6	<2	0.53	<0.5	8	41	20	2.86
DD14201		0.26	<0.001	<0.2	1.49	9	<10	310	0.7	<2	0.70	<0.5	11	50	28	3.09
DD14202		0.34	<0.001	<0.2	1.54	7	<10	270	0.8	<2	0.66	<0.5	11	53	23	3.17
DD14203		0.36	0.008	<0.2	2.03	11	<10	220	<0.5	<2	0.19	<0.5	9	25	23	3.36
DD14204		0.30	0.001	<0.2	1.58	8	<10	570	0.5	<2	0.50	<0.5	10	22	27	2.96
DD14205		0.30	0.001	0.5	1.41	7	<10	780	0.7	<2	0.78	<0.5	9	19	37	2.95
DD14206		0.32	0.069	0.9	0.81	14	<10	410	0.5	2	0.42	<0.5	11	12	39	3.37
DD14207		0.30	0.202	0.3	0.84	5	<10	350	0.5	2	0.46	<0.5	6	14	19	2.00
DD14208		0.28	0.034	0.4	1.20	9	<10	440	<0.5	<2	0.68	<0.5	7	18	17	2.98
DD14209		0.28	0.024	0.5	1.29	12	<10	520	0.6	<2	0.72	<0.5	10	17	22	3.58
DD14210		0.24	0.016	0.3	1.08	6	<10	320	0.5	2	0.47	<0.5	6	15	14	3.20
DD14211		0.34	0.010	0.3	0.93	10	<10	510	0.5	<2	0.68	<0.5	10	14	17	3.27
DD14212		0.36	0.007	0.2	1.05	9	<10	390	0.6	3	0.52	<0.5	8	14	15	3.10
DD14213		0.30	0.010	0.2	1.10	5	<10	320	0.5	2	0.47	<0.5	6	18	18	2.24
DD14214		0.32	0.029	0.2	1.27	12	<10	500	0.6	<2	0.54	<0.5	6	17	18	3.07
DD14215		0.22	0.001	<0.2	1.08	4	<10	570	<0.5	<2	0.61	<0.5	9	17	22	1.88
DD14216		0.30	<0.001	0.2	1.71	7	<10	340	0.5	<2	0.62	<0.5	7	25	18	2.12
DD14217		0.34	0.006	0.2	1.98	10	<10	410	0.6	<2	0.60	<0.5	9	32	24	2.60
DD14218		0.24	0.004	<0.2	1.68	10	<10	340	0.5	<2	0.45	<0.5	7	24	13	2.29
DD14219		0.28	0.016	<0.2	0.92	9	<10	180	<0.5	<2	0.40	<0.5	5	15	10	1.69
DD14220		0.26	<0.001	0.2	1.29	8	<10	230	<0.5	<2	0.48	<0.5	5	18	18	1.58
DD14221		0.36	0.003	<0.2	1.32	10	<10	220	<0.5	<2	0.52	<0.5	6	22	14	2.36
DD14222		0.36	0.006	0.3	1.92	11	<10	290	<0.5	<2	0.47	<0.5	9	29	17	2.23
DD14223		0.24	<0.001	0.2	1.33	5	<10	250	<0.5	<2	0.41	<0.5	7	19	23	1.55
DD14224		0.34	0.005	<0.2	1.12	3	<10	160	<0.5	<2	0.39	<0.5	5	18	14	1.34
DD14225		0.28	0.001	0.2	1.17	4	<10	160	<0.5	<2	0.32	<0.5	6	16	15	1.36
DD14226		0.26	0.002	<0.2	1.51	5	<10	350	<0.5	<2	0.56	<0.5	7	25	31	1.86
DD14227		0.26	0.001	0.2	1.65	6	<10	370	0.5	<2	0.42	<0.5	7	25	27	1.91
DD14228		0.24	<0.001	<0.2	1.48	6	<10	300	<0.5	<2	0.32	<0.5	7	21	19	1.76
DD14229		0.24	0.003	0.3	1.98	8	<10	430	0.5	<2	0.46	<0.5	13	30	29	3.01
DD14230		0.22	0.002	<0.2	1.60	39	<10	270	0.5	<2	0.35	0.7	6	20	28	4.14

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CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD14191		10	<1	0.12	10	0.42	408	1	0.01	8	330	10	0.01	<2	5	21
DD14192		10	<1	0.11	10	0.32	371	1	0.01	6	320	32	0.01	<2	4	23
DD14193		<10	<1	0.12	20	0.23	817	1	0.02	5	1000	10	0.02	<2	10	30
DD14194		10	<1	0.06	10	0.37	370	1	0.01	10	230	12	0.01	<2	3	27
DD14195		10	<1	0.07	10	0.42	427	1	0.01	12	320	10	0.01	<2	3	23
DD14196		10	<1	0.11	10	0.65	542	1	0.01	17	450	9	0.01	<2	6	17
DD14197		10	<1	0.11	30	0.50	535	<1	0.02	8	640	7	0.01	2	7	30
DD14198		<10	<1	0.08	20	0.42	405	1	0.02	9	770	8	0.05	<2	6	68
DD14199		10	<1	0.07	20	0.60	329	<1	0.02	24	1370	8	0.01	<2	7	46
DD14200		<10	<1	0.06	20	0.56	263	<1	0.02	21	990	8	0.01	2	6	39
DD14201		<10	<1	0.08	20	0.60	627	<1	0.03	24	1340	12	0.02	2	8	48
DD14202		<10	1	0.09	20	0.62	451	<1	0.02	25	1360	12	0.01	2	9	47
DD14203		10	<1	0.11	10	0.41	331	1	0.01	14	320	24	0.01	<2	4	22
DD14204		10	1	0.09	10	0.39	544	1	0.02	12	540	9	0.03	<2	6	36
DD14205		<10	<1	0.08	20	0.26	682	1	0.03	14	730	12	0.04	3	7	43
DD14206		<10	1	0.10	10	0.25	590	3	0.01	7	240	31	0.02	16	6	27
DD14207		<10	<1	0.10	20	0.28	175	1	0.02	8	640	12	0.03	3	8	28
DD14208		<10	<1	0.11	10	0.41	303	1	0.02	8	460	12	0.04	3	7	39
DD14209		<10	1	0.12	20	0.40	387	1	0.02	8	520	13	0.03	5	11	36
DD14210		<10	<1	0.10	20	0.39	230	1	0.01	7	500	11	0.02	2	8	27
DD14211		<10	<1	0.10	10	0.30	477	4	0.02	6	380	14	0.05	2	7	38
DD14212		<10	<1	0.13	20	0.36	322	3	0.01	7	620	11	0.03	3	9	25
DD14213		<10	<1	0.14	20	0.40	191	1	0.02	8	660	12	0.03	2	8	24
DD14214		<10	<1	0.10	20	0.34	195	2	0.02	6	620	11	0.05	2	7	28
DD14215		<10	<1	0.05	10	0.28	430	<1	0.02	9	740	7	0.08	<2	4	32
DD14216		10	<1	0.05	10	0.51	384	1	0.02	12	1080	13	0.05	<2	4	49
DD14217		10	1	0.06	20	0.55	522	2	0.02	16	1060	16	0.04	<2	6	64
DD14218		<10	<1	0.04	10	0.44	529	2	0.02	11	550	17	0.03	<2	4	54
DD14219		<10	<1	0.04	10	0.30	294	<1	0.01	8	820	13	0.02	2	3	32
DD14220		<10	<1	0.04	20	0.35	207	<1	0.02	9	840	14	0.04	<2	3	46
DD14221		<10	<1	0.05	10	0.46	315	1	0.02	10	800	13	0.02	<2	3	52
DD14222		10	<1	0.06	10	0.53	352	1	0.01	18	710	23	0.03	<2	4	48
DD14223		<10	<1	0.07	10	0.37	385	1	0.02	10	760	9	0.06	2	3	35
DD14224		<10	<1	0.09	10	0.40	189	<1	0.02	9	740	10	0.02	<2	3	26
DD14225		<10	<1	0.07	10	0.35	171	<1	0.02	7	590	9	0.03	<2	3	23
DD14226		10	1	0.08	10	0.44	337	1	0.02	12	610	9	0.06	2	3	53
DD14227		10	<1	0.06	20	0.42	198	1	0.01	11	730	13	0.06	<2	5	33
DD14228		<10	<1	0.05	10	0.33	438	1	0.02	8	640	12	0.04	2	4	23
DD14229		10	<1	0.07	20	0.46	960	4	0.01	12	950	15	0.06	2	6	36
DD14230		<10	<1	0.06	20	0.36	172	2	0.02	8	620	14	0.08	<2	4	32

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CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD14191		<20	0.06	<10	<10	68	<10	59
DD14192		<20	0.08	<10	<10	64	<10	95
DD14193		<20	0.03	<10	<10	67	<10	80
DD14194		<20	0.13	<10	<10	88	<10	54
DD14195		<20	0.12	<10	<10	84	<10	49
DD14196		<20	0.11	<10	<10	85	<10	64
DD14197		<20	0.06	<10	<10	64	<10	42
DD14198		<20	0.05	<10	<10	44	<10	65
DD14199		<20	0.06	<10	<10	77	<10	57
DD14200		<20	0.06	<10	<10	71	<10	47
DD14201		<20	0.05	<10	<10	82	<10	63
DD14202		<20	0.05	<10	<10	78	<10	64
DD14203		<20	0.06	<10	<10	65	<10	54
DD14204		<20	0.04	<10	<10	62	<10	56
DD14205		<20	0.02	<10	<10	53	<10	42
DD14206		<20	0.02	<10	<10	51	<10	62
DD14207		<20	0.03	<10	<10	50	<10	58
DD14208		<20	0.05	<10	<10	62	<10	61
DD14209		<20	0.03	<10	<10	67	<10	58
DD14210		<20	0.04	<10	<10	66	<10	53
DD14211		<20	0.03	<10	<10	57	<10	57
DD14212		<20	0.04	<10	<10	60	<10	58
DD14213		<20	0.07	<10	<10	59	<10	58
DD14214		<20	0.04	<10	<10	72	<10	58
DD14215		<20	0.04	<10	<10	47	<10	49
DD14216		<20	0.04	<10	10	51	<10	75
DD14217		<20	0.05	<10	20	61	<10	83
DD14218		<20	0.04	<10	10	52	<10	68
DD14219		<20	0.04	<10	<10	39	<10	51
DD14220		<20	0.04	<10	10	37	<10	58
DD14221		<20	0.06	<10	<10	57	<10	56
DD14222		<20	0.06	<10	<10	58	<10	110
DD14223		<20	0.06	<10	<10	36	<10	70
DD14224		<20	0.07	<10	<10	32	<10	49
DD14225		<20	0.06	<10	<10	34	<10	52
DD14226		<20	0.07	<10	10	43	<10	81
DD14227		<20	0.07	<10	20	51	<10	79
DD14228		<20	0.06	<10	<10	42	<10	77
DD14229		<20	0.07	<10	10	55	<10	101
DD14230		<20	0.05	<10	10	66	<10	81

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD14231		0.24	0.006	0.2	1.51	8	<10	230	<0.5	<2	0.39	<0.5	7	18	17	1.66
DD14232		0.28	0.001	0.2	1.44	13	<10	230	<0.5	<2	0.41	0.5	8	17	18	2.52
DD14233		0.22	0.001	0.2	1.38	3	<10	240	<0.5	<2	0.36	0.6	6	15	18	1.39
DD14234		0.16	0.001	0.3	1.78	13	<10	310	<0.5	<2	0.47	0.9	10	19	24	2.36
DD14235		0.26	0.002	0.2	1.88	8	<10	310	<0.5	<2	0.46	0.7	8	22	23	1.90
DD14236		0.26	<0.001	0.2	1.30	7	<10	200	<0.5	<2	0.37	0.5	7	16	15	2.01
DD14237		0.34	0.003	0.3	1.53	5	<10	500	0.5	<2	0.45	<0.5	6	17	20	1.99
DD14238		0.28	0.002	0.4	1.48	7	<10	500	0.9	<2	0.55	0.5	8	13	29	1.82
DD14239		0.24	<0.001	0.4	1.22	8	<10	360	0.5	<2	0.57	<0.5	5	13	22	1.69
DD14240		0.52	<0.001	<0.2	1.49	13	<10	460	0.6	<2	0.56	<0.5	11	15	18	3.67
DD14241		0.24	<0.001	0.2	1.64	9	<10	340	<0.5	<2	0.51	<0.5	8	21	25	2.55
DD14242		0.36	<0.001	<0.2	2.03	7	<10	470	0.6	<2	0.64	<0.5	10	24	30	3.09
DD14243		0.26	<0.001	0.2	1.65	5	<10	410	<0.5	<2	0.60	<0.5	9	22	30	2.38
DD14244		0.28	<0.001	<0.2	1.77	9	<10	310	<0.5	<2	0.56	<0.5	9	22	16	2.53
DD14245		0.34	<0.001	0.2	1.32	5	<10	290	<0.5	<2	0.44	<0.5	8	17	18	2.09
DD14246		0.28	<0.001	<0.2	1.47	8	<10	280	0.5	<2	0.36	<0.5	9	20	20	2.57
DD14247		0.26	<0.001	0.2	1.54	6	<10	210	<0.5	<2	0.40	<0.5	8	20	18	2.63
DD14248		0.34	<0.001	0.4	1.82	9	<10	330	0.6	<2	0.40	0.7	7	23	42	2.38
DD14249		0.22	<0.001	0.8	1.40	8	<10	170	<0.5	<2	0.39	1.8	8	18	34	2.26
DD14250		0.32	0.010	0.6	1.95	8	<10	190	<0.5	4	0.36	0.7	9	22	38	2.64
DD14251		0.16	0.001	0.2	1.33	2	<10	90	<0.5	<2	0.23	<0.5	7	21	10	1.66
DD14252		0.18	0.005	<0.2	0.67	4	<10	40	<0.5	<2	0.10	<0.5	3	10	8	1.56
DD14253		0.32	0.005	<0.2	1.43	7	<10	120	<0.5	<2	0.28	<0.5	7	22	17	2.08
DD14254		0.16	0.004	<0.2	1.46	5	<10	100	<0.5	<2	0.26	<0.5	7	21	11	2.11
DD14255		0.20	0.002	<0.2	1.49	5	<10	120	<0.5	<2	0.33	<0.5	7	21	15	2.10
DD14256		0.20	<0.001	<0.2	1.42	4	<10	140	<0.5	<2	0.28	<0.5	7	19	17	1.68
DD14257		0.22	<0.001	<0.2	1.54	3	<10	150	<0.5	<2	0.26	<0.5	7	19	17	1.52
DD14258		0.20	0.006	<0.2	1.54	5	<10	180	0.5	<2	0.38	<0.5	5	21	27	1.61
DD14259		0.28	0.002	0.2	1.79	11	<10	220	0.5	<2	0.39	<0.5	11	34	20	3.53
DD14260		0.28	0.004	0.2	1.88	3	<10	240	<0.5	<2	0.41	0.5	8	33	38	1.98
DD14261		0.28	0.005	0.4	1.72	3	<10	300	0.6	<2	0.45	0.5	7	33	48	1.74
DD14262		0.36	0.003	0.4	1.83	12	<10	230	0.5	<2	0.43	0.6	10	32	82	3.11
DD14263		0.32	0.004	0.2	1.49	9	<10	180	<0.5	<2	0.46	<0.5	7	21	28	2.24
DD14264		0.16	0.002	0.4	2.18	8	<10	140	<0.5	<2	0.28	<0.5	10	24	28	2.87
DD14265		0.20	0.021	0.4	3.16	11	<10	170	0.7	3	0.35	<0.5	15	20	41	3.49
DD14266		0.26	0.003	0.2	1.01	5	<10	100	<0.5	<2	0.40	<0.5	4	12	40	1.51
DD14267		0.30	0.009	0.3	2.05	7	<10	200	<0.5	<2	0.38	<0.5	9	24	33	2.20
DD14268		0.26	0.003	0.2	1.87	6	<10	180	<0.5	<2	0.51	<0.5	9	19	21	2.54
DD14269		0.34	0.003	0.2	2.01	11	<10	230	0.5	<2	0.40	<0.5	10	22	29	3.25
DD14270		0.36	0.003	<0.2	1.57	8	<10	140	<0.5	<2	0.34	<0.5	6	25	18	2.04

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CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD14231		<10	1	0.06	10	0.42	285	1	0.02	8	660	12	0.04	2	4	30
DD14232		10	<1	0.06	20	0.38	283	2	0.02	8	690	16	0.04	<2	4	36
DD14233		<10	<1	0.05	10	0.33	317	<1	0.02	7	680	11	0.05	2	3	28
DD14234		10	<1	0.07	20	0.44	1355	1	0.02	10	720	13	0.07	<2	4	38
DD14235		10	1	0.08	20	0.51	346	1	0.02	10	710	15	0.07	2	5	35
DD14236		<10	<1	0.06	10	0.37	407	1	0.02	7	700	11	0.04	<2	4	28
DD14237		10	1	0.09	30	0.34	251	1	0.01	7	500	13	0.08	<2	6	29
DD14238		10	1	0.13	60	0.42	358	2	0.01	5	660	17	0.05	2	9	31
DD14239		<10	<1	0.08	20	0.27	227	1	0.02	6	660	11	0.06	2	3	40
DD14240		10	<1	0.16	20	0.66	890	3	0.02	6	630	14	0.02	2	7	35
DD14241		10	<1	0.10	20	0.55	293	1	0.02	9	640	8	0.04	<2	6	36
DD14242		10	<1	0.11	20	0.71	281	1	0.02	10	600	8	0.05	2	8	45
DD14243		10	<1	0.07	20	0.55	468	1	0.02	8	840	7	0.06	<2	6	42
DD14244		10	<1	0.09	10	0.61	316	1	0.02	9	650	9	0.05	2	5	42
DD14245		<10	<1	0.07	10	0.44	370	1	0.02	7	530	8	0.03	<2	4	33
DD14246		<10	1	0.09	20	0.44	469	1	0.02	9	490	8	0.03	<2	6	29
DD14247		10	<1	0.07	10	0.50	437	1	0.01	9	550	10	0.03	<2	5	31
DD14248		10	<1	0.10	40	0.49	266	1	0.02	12	540	17	0.05	3	9	32
DD14249		<10	<1	0.06	20	0.46	410	1	0.01	9	620	21	0.05	2	4	29
DD14250		10	1	0.08	20	0.63	514	1	0.02	11	520	22	0.03	<2	5	25
DD14251		10	<1	0.06	10	0.38	241	1	0.01	8	780	15	0.03	<2	2	16
DD14252		10	<1	0.03	10	0.09	113	1	<0.01	3	190	5	0.01	<2	1	13
DD14253		<10	<1	0.07	10	0.44	157	<1	0.01	12	730	8	0.02	<2	3	20
DD14254		<10	<1	0.07	10	0.43	147	<1	0.01	10	720	11	0.02	<2	3	19
DD14255		<10	<1	0.07	10	0.40	310	1	0.01	9	740	13	0.04	<2	2	26
DD14256		<10	<1	0.06	10	0.40	183	1	0.01	9	650	10	0.04	<2	2	25
DD14257		10	<1	0.05	10	0.40	210	1	0.01	9	690	11	0.05	<2	2	23
DD14258		<10	<1	0.07	20	0.44	341	1	0.02	14	790	22	0.05	<2	3	35
DD14259		10	<1	0.11	10	0.77	423	1	0.02	15	650	10	0.02	<2	6	23
DD14260		10	<1	0.08	20	0.71	316	<1	0.02	16	470	20	0.04	<2	6	24
DD14261		10	<1	0.10	20	0.52	273	<1	0.02	16	280	20	0.06	<2	7	27
DD14262		10	1	0.12	20	0.62	429	1	0.03	17	430	38	0.02	3	9	28
DD14263		<10	<1	0.06	10	0.48	229	1	0.03	12	610	14	0.03	<2	4	28
DD14264		10	<1	0.07	10	0.52	448	1	0.03	20	450	43	0.02	<2	4	24
DD14265		10	1	0.10	10	0.71	915	<1	0.02	12	680	73	0.03	<2	5	28
DD14266		10	<1	0.05	10	0.18	214	1	0.02	4	150	16	0.01	<2	3	22
DD14267		10	<1	0.05	20	0.61	276	<1	0.05	13	540	12	0.02	<2	6	29
DD14268		10	<1	0.08	10	0.63	449	<1	0.07	10	570	6	0.03	<2	6	38
DD14269		10	<1	0.11	30	0.65	561	<1	0.03	12	460	12	0.02	<2	8	26
DD14270		<10	<1	0.08	10	0.52	255	<1	0.02	14	510	8	0.02	<2	4	22

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CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD14231		<20	0.06	<10	<10	41	<10	86
DD14232		<20	0.08	<10	<10	69	<10	89
DD14233		<20	0.05	<10	<10	32	<10	79
DD14234		<20	0.06	<10	<10	44	<10	123
DD14235		<20	0.06	<10	<10	55	<10	116
DD14236		<20	0.06	<10	<10	46	<10	82
DD14237		<20	0.05	<10	<10	43	<10	64
DD14238		20	0.08	<10	<10	73	<10	70
DD14239		<20	0.04	<10	<10	37	<10	49
DD14240		<20	0.13	<10	<10	74	<10	87
DD14241		<20	0.10	<10	<10	80	<10	60
DD14242		<20	0.09	<10	<10	79	<10	66
DD14243		<20	0.09	<10	<10	76	<10	70
DD14244		<20	0.09	<10	<10	62	<10	75
DD14245		<20	0.07	<10	<10	56	<10	66
DD14246		<20	0.06	<10	<10	54	<10	59
DD14247		<20	0.07	<10	<10	57	<10	68
DD14248		<20	0.07	<10	<10	59	<10	85
DD14249		<20	0.05	<10	<10	50	<10	129
DD14250		<20	0.08	<10	<10	63	<10	119
DD14251		<20	0.06	<10	<10	34	<10	41
DD14252		<20	0.08	<10	<10	63	<10	18
DD14253		<20	0.08	<10	<10	48	<10	45
DD14254		<20	0.07	<10	<10	46	<10	48
DD14255		<20	0.05	<10	<10	44	<10	50
DD14256		<20	0.06	<10	<10	39	<10	44
DD14257		<20	0.05	<10	<10	38	<10	51
DD14258		<20	0.04	<10	<10	34	<10	75
DD14259		<20	0.09	<10	<10	94	<10	76
DD14260		<20	0.08	<10	<10	53	<10	84
DD14261		<20	0.08	<10	<10	63	<10	71
DD14262		<20	0.08	<10	<10	71	<10	119
DD14263		<20	0.06	<10	<10	52	<10	56
DD14264		<20	0.08	<10	<10	71	<10	72
DD14265		<20	0.02	<10	<10	79	<10	79
DD14266		<20	0.06	<10	<10	58	<10	33
DD14267		<20	0.07	<10	<10	61	<10	61
DD14268		<20	0.08	<10	<10	70	<10	63
DD14269		<20	0.07	<10	<10	70	<10	84
DD14270		<20	0.09	<10	<10	51	<10	56

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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD14271		0.28	0.002	<0.2	1.61	9	<10	190	<0.5	3	0.47	<0.5	11	21	23	3.01
DD14272		0.32	0.002	<0.2	1.22	7	<10	100	<0.5	<2	0.37	<0.5	7	14	16	2.47
DD14273		0.26	0.001	<0.2	1.40	7	<10	130	<0.5	<2	0.40	<0.5	7	16	17	2.18
DD14274		0.36	0.002	<0.2	1.71	6	<10	200	<0.5	2	0.44	<0.5	7	20	18	2.48
DD14275		0.34	0.003	<0.2	1.53	10	<10	260	<0.5	<2	0.50	<0.5	6	22	40	2.12
DD14276		0.36	0.001	<0.2	1.77	7	<10	350	<0.5	<2	0.52	<0.5	10	21	27	2.87
DD14277		0.26	0.003	0.2	1.75	5	<10	430	<0.5	<2	0.69	<0.5	8	23	31	2.23
DD14278		0.14	0.004	0.3	1.60	5	<10	850	0.9	<2	1.10	0.5	6	19	77	1.87
DD14279		0.20	0.004	0.2	2.21	50	<10	320	0.6	<2	0.57	<0.5	16	25	29	8.25
DD14280		0.16	0.003	0.2	1.24	8	<10	200	<0.5	<2	0.36	0.7	5	16	22	1.55
DD14281		0.16	0.007	0.3	1.66	27	<10	320	0.5	2	0.46	<0.5	9	19	35	3.11
DD14282		0.26	0.005	0.4	1.63	18	<10	340	<0.5	<2	0.47	1.0	8	19	30	3.18
DD14283		0.40	0.014	0.3	1.43	5	<10	260	<0.5	<2	0.43	0.5	7	17	24	2.27
DD14284		0.26	0.010	0.4	1.67	10	<10	350	<0.5	3	0.38	1.0	10	19	52	2.61
DD14285		0.18	0.004	0.2	1.44	7	<10	520	0.5	<2	0.41	0.9	8	23	56	1.89
DD14286		0.16	0.004	0.2	1.76	39	<10	320	0.5	<2	0.33	<0.5	10	26	36	4.29
DD14287		0.16	0.005	0.2	1.97	5	<10	400	<0.5	<2	0.36	0.5	10	28	41	2.22
DD14288		0.30	0.006	0.3	1.98	14	<10	440	0.6	<2	0.36	0.5	10	31	39	2.50
DD14289		0.18	0.018	0.4	1.59	67	<10	510	0.7	<2	0.46	0.8	7	23	57	2.89
DD14290		0.38	0.014	0.3	1.45	20	<10	340	0.6	<2	0.36	0.5	8	24	41	2.47
DD14291		0.42	0.018	0.3	1.56	21	<10	310	0.5	<2	0.37	0.7	9	29	50	2.70
DD14292		0.34	0.021	0.2	1.31	24	<10	370	0.6	<2	0.37	<0.5	7	18	29	2.53
DD14293		0.52	0.010	0.2	1.51	8	<10	330	0.6	<2	0.38	<0.5	11	20	28	2.83
DD14294		0.16	0.005	0.2	1.71	4	<10	480	0.5	<2	0.62	0.6	6	30	37	1.80
DD14295		0.24	0.002	<0.2	1.26	2	<10	290	<0.5	<2	0.40	<0.5	5	20	19	1.41
DD14296		0.24	0.004	<0.2	1.62	8	<10	410	0.5	<2	0.44	<0.5	8	27	29	2.22
DD14297		0.24	0.003	0.2	1.61	8	<10	290	<0.5	<2	0.41	<0.5	6	22	13	1.77
DD14298		0.16	0.003	0.3	1.53	6	<10	350	<0.5	<2	0.51	0.8	4	21	24	1.88
DD14299		0.28	0.005	<0.2	1.31	10	<10	220	<0.5	<2	0.47	<0.5	7	23	16	2.14
DD14300		0.22	0.005	0.2	1.59	9	<10	310	0.5	<2	0.52	<0.5	7	26	20	2.19
DD14301		0.14	0.005	<0.2	1.29	5	<10	290	<0.5	<2	0.39	<0.5	4	17	12	1.66
DD14302		0.22	0.005	<0.2	0.83	2	<10	160	<0.5	<2	0.31	<0.5	6	13	4	1.37
DD14303		0.26	0.002	<0.2	1.02	3	<10	230	<0.5	<2	0.41	<0.5	5	17	10	1.24
DD14304		0.30	0.009	<0.2	0.64	<2	<10	110	<0.5	<2	0.34	<0.5	6	11	13	2.06
DD14305		0.28	0.008	<0.2	0.66	<2	<10	140	<0.5	<2	0.35	<0.5	3	11	7	0.88
DD14306		0.18	0.004	<0.2	0.93	<2	<10	240	<0.5	<2	0.55	<0.5	4	16	15	0.96
DD14307		0.20	0.002	<0.2	0.96	<2	<10	280	<0.5	<2	0.46	<0.5	4	15	15	1.06
DD14308		0.18	0.004	<0.2	1.02	3	<10	320	<0.5	<2	0.39	<0.5	5	15	13	1.60
DD14309		0.24	0.003	<0.2	1.05	4	<10	330	<0.5	<2	0.39	<0.5	6	18	8	1.76
DD14310		0.10	0.003	<0.2	1.29	5	<10	420	<0.5	<2	0.44	0.7	6	22	17	1.78

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD14271		<10	<1	0.07	20	0.61	407	<1	0.03	11	630	11	0.03	<2	6	29
DD14272		<10	<1	0.06	10	0.45	355	1	0.04	7	520	6	0.02	<2	3	24
DD14273		<10	<1	0.06	10	0.43	300	1	0.03	8	560	14	0.03	<2	4	26
DD14274		10	<1	0.07	10	0.63	370	<1	0.03	10	590	12	0.03	<2	5	27
DD14275		<10	<1	0.06	20	0.50	218	<1	0.02	10	620	9	0.05	<2	5	34
DD14276		10	<1	0.11	20	0.64	535	1	0.03	11	550	5	0.03	<2	7	35
DD14277		10	<1	0.09	20	0.51	290	<1	0.03	11	770	9	0.06	<2	6	47
DD14278		<10	<1	0.07	70	0.30	334	<1	0.03	11	1020	7	0.17	<2	10	72
DD14279		10	<1	0.14	20	0.61	1975	3	0.04	12	790	17	0.07	<2	6	46
DD14280		<10	<1	0.06	10	0.34	334	1	0.03	8	630	11	0.06	<2	3	24
DD14281		<10	<1	0.06	20	0.37	920	3	0.03	10	820	13	0.08	<2	4	38
DD14282		<10	<1	0.07	20	0.44	445	2	0.03	11	680	17	0.06	<2	5	43
DD14283		<10	<1	0.08	20	0.53	355	2	0.03	7	680	27	0.04	<2	5	27
DD14284		10	<1	0.08	30	0.45	306	3	0.02	9	760	28	0.05	<2	7	22
DD14285		<10	<1	0.05	20	0.30	308	2	0.02	10	710	10	0.12	<2	6	27
DD14286		10	<1	0.06	20	0.41	600	2	0.02	11	790	12	0.05	<2	5	24
DD14287		10	<1	0.07	10	0.46	374	<1	0.03	13	620	14	0.06	<2	5	27
DD14288		10	1	0.07	20	0.51	399	<1	0.02	13	660	22	0.04	<2	6	24
DD14289		<10	<1	0.07	20	0.31	566	3	0.02	10	740	59	0.06	<2	5	31
DD14290		<10	<1	0.08	20	0.41	414	1	0.02	12	540	30	0.01	<2	6	23
DD14291		<10	<1	0.10	20	0.52	371	2	0.02	15	560	29	0.02	<2	6	25
DD14292		<10	<1	0.08	20	0.43	319	2	0.02	8	700	42	0.02	<2	4	23
DD14293		<10	<1	0.10	30	0.56	509	1	0.02	9	760	25	0.02	<2	6	17
DD14294		<10	1	0.07	20	0.49	207	1	0.01	13	660	12	0.12	<2	5	35
DD14295		<10	<1	0.05	10	0.39	172	<1	0.01	9	670	7	0.05	<2	3	23
DD14296		<10	1	0.05	20	0.41	286	1	0.01	12	970	8	0.08	<2	5	26
DD14297		10	<1	0.05	10	0.43	233	<1	0.01	10	710	16	0.04	<2	4	23
DD14298		<10	<1	0.04	20	0.31	151	<1	0.01	9	940	14	0.09	<2	3	47
DD14299		<10	<1	0.05	20	0.47	240	1	0.01	11	820	12	0.02	<2	4	40
DD14300		10	<1	0.06	20	0.50	288	<1	0.01	12	790	21	0.02	2	5	52
DD14301		<10	<1	0.05	20	0.30	191	<1	0.01	8	730	6	0.04	<2	3	38
DD14302		<10	<1	0.03	10	0.27	187	<1	0.01	7	570	3	0.01	<2	2	25
DD14303		<10	<1	0.04	10	0.29	145	<1	0.01	9	690	5	0.04	<2	3	41
DD14304		<10	<1	0.03	10	0.17	151	<1	0.01	5	900	<2	0.01	<2	2	26
DD14305		<10	<1	0.03	10	0.21	105	<1	0.01	5	660	2	0.02	<2	2	28
DD14306		<10	<1	0.03	10	0.26	91	1	0.01	8	660	3	0.10	<2	3	67
DD14307		<10	<1	0.04	10	0.25	132	<1	0.01	7	670	5	0.05	<2	3	46
DD14308		<10	<1	0.04	10	0.26	167	<1	0.01	7	710	4	0.04	<2	3	34
DD14309		<10	<1	0.04	10	0.30	311	<1	0.01	8	790	5	0.02	<2	3	31
DD14310		<10	<1	0.04	10	0.28	219	1	0.01	9	840	7	0.05	<2	4	41

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Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD14271		<20	0.06	<10	<10	70	<10	74
DD14272		<20	0.08	<10	<10	60	<10	55
DD14273		<20	0.05	<10	<10	51	<10	81
DD14274		<20	0.09	<10	<10	65	<10	86
DD14275		<20	0.06	<10	<10	55	<10	67
DD14276		<20	0.10	<10	<10	70	<10	66
DD14277		<20	0.06	<10	<10	57	<10	65
DD14278		<20	0.03	<10	<10	61	<10	46
DD14279		<20	0.07	<10	<10	68	<10	152
DD14280		<20	0.06	<10	<10	39	<10	79
DD14281		<20	0.05	<10	<10	58	<10	106
DD14282		<20	0.06	<10	10	44	<10	131
DD14283		<20	0.10	<10	10	53	<10	94
DD14284		<20	0.08	<10	10	65	<10	96
DD14285		<20	0.05	<10	10	50	<10	91
DD14286		<20	0.08	<10	<10	109	<10	72
DD14287		<20	0.08	<10	<10	78	<10	94
DD14288		<20	0.07	<10	<10	78	<10	91
DD14289		<20	0.03	<10	<10	60	<10	94
DD14290		<20	0.05	<10	<10	51	<10	81
DD14291		<20	0.08	<10	<10	58	<10	93
DD14292		<20	0.05	<10	<10	52	<10	81
DD14293		<20	0.07	<10	<10	67	<10	87
DD14294		<20	0.07	<10	<10	56	<10	90
DD14295		<20	0.06	<10	<10	44	<10	56
DD14296		<20	0.05	<10	<10	56	<10	82
DD14297		<20	0.05	<10	<10	57	<10	70
DD14298		<20	0.03	<10	<10	48	<10	56
DD14299		<20	0.06	<10	<10	53	<10	60
DD14300		<20	0.07	<10	10	53	<10	91
DD14301		<20	0.03	<10	<10	32	<10	55
DD14302		<20	0.05	<10	<10	24	<10	40
DD14303		<20	0.04	<10	<10	35	<10	53
DD14304		<20	0.09	<10	<10	65	<10	55
DD14305		<20	0.05	<10	<10	25	<10	36
DD14306		<20	0.04	<10	20	30	<10	55
DD14307		<20	0.04	<10	<10	26	<10	43
DD14308		<20	0.04	<10	<10	34	<10	44
DD14309		<20	0.04	<10	<10	35	<10	49
DD14310		<20	0.04	<10	20	48	<10	48

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1016 - 510 W HASTINGS STREET
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CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD14311		0.30	0.006	<0.2	1.19	3	<10	330	<0.5	<2	0.38	<0.5	6	20	10	2.21
DD14312		0.18	0.003	<0.2	1.09	4	<10	350	<0.5	<2	0.38	<0.5	6	19	14	1.84
DD14313		0.16	0.007	<0.2	1.28	8	<10	440	<0.5	<2	0.41	<0.5	8	19	16	2.22
DD14314		0.24	0.004	<0.2	1.32	4	<10	330	<0.5	<2	0.40	<0.5	6	23	14	1.86
DD14315		0.26	0.003	<0.2	0.58	2	<10	180	<0.5	<2	0.32	<0.5	2	9	6	0.89
DD14316		0.34	0.004	<0.2	1.48	11	<10	290	0.5	<2	0.56	<0.5	8	23	17	2.25
DD14317		0.34	0.011	0.2	1.30	9	<10	270	<0.5	<2	0.47	0.5	6	19	23	1.76
DD14318		0.36	0.005	<0.2	1.05	13	<10	210	<0.5	<2	0.47	<0.5	6	16	14	1.79
DD14319		0.22	0.006	<0.2	1.33	19	<10	210	<0.5	<2	0.52	0.9	8	20	17	2.45
DD14320		0.18	0.004	<0.2	0.98	11	<10	170	<0.5	<2	0.33	<0.5	6	14	12	1.84
DD14321		0.20	0.001	<0.2	1.59	11	<10	250	<0.5	<2	0.36	<0.5	8	22	16	2.27
DD14322		0.22	0.004	<0.2	0.95	<2	<10	220	<0.5	<2	0.38	<0.5	4	16	11	1.24
DD14323		0.22	0.003	<0.2	1.04	5	<10	230	<0.5	<2	0.32	<0.5	5	15	12	1.88
DD14324		0.18	0.002	<0.2	0.43	<2	<10	180	<0.5	<2	0.24	<0.5	3	7	11	1.16
DD14325		0.28	0.004	<0.2	1.27	6	<10	320	<0.5	<2	0.36	<0.5	6	19	19	2.12
DD14326		0.28	0.006	0.2	1.17	8	<10	370	<0.5	<2	0.38	<0.5	6	16	20	1.92
DD14327		0.20	0.008	0.2	1.67	7	<10	510	<0.5	<2	0.47	<0.5	17	18	26	3.00
DD14328		0.34	0.004	<0.2	1.37	27	<10	320	<0.5	<2	0.40	<0.5	10	19	14	2.98
DD14329		0.22	0.003	<0.2	1.47	7	<10	290	<0.5	<2	0.34	<0.5	10	18	11	4.23
DD14330		0.34	0.006	<0.2	1.32	<2	<10	230	<0.5	<2	0.48	<0.5	6	18	17	1.46

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CERTIFICATE OF ANALYSIS WH11182377

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD14311		<10	<1	0.04	10	0.30	291	1	0.01	9	710	6	0.03	<2	3	33
DD14312		<10	<1	0.04	10	0.29	238	1	0.02	10	690	5	0.03	<2	3	37
DD14313		<10	<1	0.04	10	0.29	474	1	0.01	10	780	6	0.05	<2	3	37
DD14314		<10	<1	0.04	10	0.38	289	1	0.01	11	700	7	0.03	<2	4	34
DD14315		<10	<1	0.03	10	0.19	216	<1	0.01	4	560	2	0.02	<2	2	22
DD14316		<10	<1	0.05	10	0.40	679	1	0.02	11	740	15	0.02	<2	4	63
DD14317		<10	<1	0.04	10	0.34	340	<1	0.02	10	740	14	0.04	<2	3	47
DD14318		<10	<1	0.05	10	0.33	432	<1	0.01	8	830	17	0.03	<2	3	41
DD14319		<10	<1	0.06	10	0.44	797	1	0.01	11	870	24	0.03	2	3	51
DD14320		<10	<1	0.04	10	0.30	426	<1	0.01	6	750	15	0.01	2	3	25
DD14321		<10	<1	0.07	10	0.40	309	<1	0.01	12	560	13	0.02	<2	3	27
DD14322		<10	1	0.04	10	0.29	219	<1	0.01	7	680	4	0.02	<2	3	21
DD14323		<10	<1	0.04	10	0.30	364	<1	0.01	6	700	3	0.02	<2	3	19
DD14324		<10	<1	0.02	10	0.10	220	<1	0.02	3	660	<2	0.03	<2	1	15
DD14325		<10	<1	0.06	10	0.40	445	<1	0.01	9	630	7	0.02	2	4	21
DD14326		<10	<1	0.05	10	0.36	289	<1	0.01	7	630	6	0.02	2	3	21
DD14327		10	<1	0.09	20	0.55	1430	<1	0.01	7	930	9	0.03	2	5	25
DD14328		<10	<1	0.12	20	0.53	893	<1	0.01	8	870	11	0.01	4	5	21
DD14329		<10	<1	0.10	20	0.58	548	<1	0.01	7	750	8	0.01	<2	5	17
DD14330		<10	<1	0.08	20	0.48	233	<1	0.01	10	710	9	0.02	<2	5	23

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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD14311		<20	0.04	<10	10	39	<10	43
DD14312		<20	0.05	<10	10	45	<10	50
DD14313		<20	0.04	<10	<10	44	<10	58
DD14314		<20	0.05	<10	10	43	<10	52
DD14315		<20	0.03	<10	<10	20	<10	40
DD14316		<20	0.05	<10	<10	52	<10	60
DD14317		<20	0.04	<10	<10	44	<10	67
DD14318		<20	0.04	<10	<10	38	<10	72
DD14319		<20	0.04	<10	<10	53	<10	119
DD14320		<20	0.04	<10	<10	39	<10	52
DD14321		<20	0.06	<10	<10	48	<10	59
DD14322		<20	0.06	<10	<10	29	<10	41
DD14323		<20	0.05	<10	<10	36	<10	46
DD14324		<20	0.05	<10	<10	26	<10	21
DD14325		<20	0.07	<10	<10	53	<10	56
DD14326		<20	0.05	<10	<10	36	<10	46
DD14327		<20	0.05	<10	<10	63	<10	63
DD14328		<20	0.09	<10	<10	59	<10	78
DD14329		<20	0.09	<10	<10	71	<10	59
DD14330		<20	0.07	<10	<10	46	<10	60

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11182378

Project: Klaza

P.O. No.:

This report is for 140 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014331		0.26	0.003	<0.2	1.85	3	<10	450	<0.5	3	0.73	<0.5	9	19	16	2.59
DD014332		0.22	0.002	<0.2	1.66	3	<10	490	<0.5	<2	0.74	<0.5	6	23	19	2.23
DD014333		0.28	0.001	<0.2	1.70	9	<10	440	0.5	2	0.50	<0.5	8	26	20	2.67
DD014334		0.14	0.006	<0.2	1.87	6	<10	440	<0.5	<2	0.58	<0.5	10	24	18	2.98
DD014335		0.22	0.003	<0.2	1.76	11	<10	480	0.6	<2	0.51	<0.5	7	23	21	2.81
DD014336		0.22	0.003	0.3	2.02	<2	<10	400	0.5	<2	0.52	<0.5	5	21	21	1.92
DD014337		0.30	0.001	<0.2	1.36	6	<10	320	<0.5	<2	0.40	<0.5	9	16	13	3.24
DD014338		0.26	0.002	<0.2	1.60	10	<10	290	<0.5	2	0.43	<0.5	9	21	21	3.31
DD014339		0.16	<0.001	<0.2	0.29	<2	<10	50	<0.5	<2	0.25	<0.5	4	5	6	1.28
DD014340		0.36	0.008	<0.2	1.75	3	<10	200	<0.5	<2	0.33	<0.5	7	27	14	2.00
DD014341		0.28	0.005	<0.2	1.21	12	<10	150	<0.5	2	0.34	<0.5	7	24	14	2.14
DD014342		0.16	0.024	0.4	1.79	16	<10	260	0.5	2	0.39	0.9	7	27	33	2.18
DD014343		0.24	0.002	0.3	1.95	25	<10	250	<0.5	2	0.40	<0.5	9	28	21	3.02
DD014344		0.32	0.007	<0.2	1.76	7	<10	210	0.5	3	0.43	<0.5	8	35	38	2.78
DD014345		0.22	0.005	0.2	1.73	8	<10	140	<0.5	2	0.33	<0.5	8	29	18	2.44
DD014346		0.32	0.004	0.2	1.76	11	<10	130	<0.5	2	0.32	<0.5	9	29	16	2.40
DD014347		0.26	0.003	<0.2	1.48	12	<10	140	<0.5	2	0.33	<0.5	7	27	16	2.46
DD014348		0.26	0.004	<0.2	1.75	5	<10	220	0.5	3	0.36	<0.5	11	32	29	2.52
DD014349		0.28	0.006	0.5	2.21	17	<10	230	0.6	6	0.42	<0.5	11	40	39	3.37
DD014350		0.20	0.002	0.2	1.53	7	<10	150	<0.5	<2	0.44	<0.5	6	28	22	2.38
DD014351		0.18	0.036	<0.2	1.49	5	<10	380	0.6	<2	0.47	<0.5	6	35	22	2.49
DD014352		0.20	0.005	<0.2	1.34	4	<10	310	0.5	2	0.45	<0.5	5	38	20	1.80
DD014353		0.24	0.011	<0.2	1.33	10	<10	220	<0.5	2	0.41	<0.5	11	34	12	2.63
DD014354		0.20	0.007	<0.2	1.27	5	<10	230	<0.5	<2	0.43	<0.5	7	28	13	2.12
DD014355		0.20	0.002	<0.2	1.49	6	<10	310	0.6	<2	0.45	<0.5	6	35	21	2.44
DD014356		0.26	0.005	0.2	1.38	5	<10	300	0.5	<2	0.40	<0.5	7	32	20	1.91
DD014357		0.20	0.003	<0.2	1.31	7	<10	310	<0.5	<2	0.47	<0.5	8	26	21	2.65
DD014358		0.14	0.003	0.2	1.50	20	<10	810	0.6	<2	0.45	0.8	5	25	34	7.52
DD014359		0.10	NSS	<0.2	0.95	100	<10	930	1.2	<2	0.46	0.7	26	13	35	25.9
DD014360		0.14	0.003	0.2	1.55	20	<10	430	0.6	<2	0.35	<0.5	7	27	17	2.74
DD014361		0.14	0.001	<0.2	0.89	4	<10	310	<0.5	<2	0.44	<0.5	4	14	16	1.25
DD014362		0.24	0.003	0.6	2.31	10	<10	990	1.4	<2	0.67	<0.5	6	24	32	2.76
DD014363		0.16	0.003	0.3	2.14	6	<10	600	0.6	<2	0.60	<0.5	8	22	16	2.85
DD014364		0.14	0.001	0.3	1.53	5	<10	560	<0.5	<2	0.79	<0.5	6	22	19	1.93
DD014365		0.22	0.001	0.2	1.35	5	<10	270	<0.5	<2	0.38	<0.5	7	21	12	1.89
DD014366		0.24	0.001	<0.2	1.14	9	<10	220	<0.5	<2	0.38	<0.5	6	19	12	2.12
DD014367		0.12	0.001	0.2	0.92	2	<10	220	<0.5	<2	0.46	<0.5	3	9	47	0.72
DD014368		0.12	0.003	0.3	1.35	9	<10	280	<0.5	<2	0.54	0.8	6	18	19	1.76
DD014369		0.22	0.004	0.4	1.75	8	<10	360	0.5	<2	0.62	1.1	7	26	25	1.99
DD014370		0.14	0.003	0.3	1.59	11	<10	360	0.6	<2	0.72	0.8	8	26	30	2.21

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014331		10	<1	0.09	30	0.80	502	<1	0.02	7	890	12	0.05	<2	9	36
DD014332		10	<1	0.08	20	0.58	232	<1	0.02	10	690	8	0.05	<2	6	38
DD014333		10	<1	0.08	20	0.59	323	1	0.02	15	610	10	0.02	<2	6	29
DD014334		10	<1	0.10	20	0.60	472	<1	0.02	11	650	10	0.04	<2	7	37
DD014335		10	<1	0.10	50	0.47	411	<1	0.02	10	660	9	0.04	<2	8	36
DD014336		10	1	0.12	30	0.40	287	<1	0.02	8	690	7	0.05	<2	10	40
DD014337		10	1	0.11	10	0.58	624	1	0.02	7	510	11	0.01	<2	6	28
DD014338		10	<1	0.13	10	0.55	592	1	0.02	9	480	9	0.02	<2	5	34
DD014339		<10	<1	0.02	<10	0.06	463	<1	0.04	2	690	<2	0.02	<2	1	19
DD014340		10	<1	0.08	10	0.54	192	<1	0.02	12	380	8	0.02	<2	6	23
DD014341		<10	<1	0.09	10	0.47	214	1	0.02	10	740	9	<0.01	<2	4	18
DD014342		10	<1	0.13	20	0.58	199	1	0.02	9	690	27	0.03	3	8	22
DD014343		10	<1	0.09	10	0.68	397	1	0.02	13	510	11	0.02	<2	6	27
DD014344		10	<1	0.11	20	0.72	350	1	0.02	17	580	9	0.01	<2	7	27
DD014345		10	<1	0.09	10	0.63	278	<1	0.02	13	500	14	0.01	<2	4	20
DD014346		10	<1	0.08	10	0.58	366	1	0.02	13	490	11	0.01	<2	4	20
DD014347		<10	<1	0.08	10	0.54	214	<1	0.01	13	630	11	<0.01	<2	4	18
DD014348		10	<1	0.10	20	0.62	312	1	0.02	16	690	10	<0.01	2	6	22
DD014349		10	1	0.13	20	0.70	670	1	0.02	16	680	13	0.02	<2	9	28
DD014350		10	1	0.10	10	0.57	249	1	0.02	11	820	10	0.04	<2	4	29
DD014351		<10	1	0.06	20	0.35	292	<1	0.02	13	880	10	0.04	<2	6	37
DD014352		<10	<1	0.05	20	0.43	255	<1	0.02	13	790	10	0.02	<2	6	32
DD014353		<10	<1	0.05	10	0.47	509	1	0.02	13	650	8	0.01	<2	4	29
DD014354		<10	<1	0.05	10	0.43	263	<1	0.02	12	740	8	0.01	<2	3	31
DD014355		<10	1	0.05	20	0.45	272	1	0.02	15	750	10	0.01	<2	6	32
DD014356		<10	<1	0.05	20	0.44	178	<1	0.02	15	700	10	0.01	<2	5	26
DD014357		<10	<1	0.05	10	0.40	300	<1	0.02	12	790	9	0.02	<2	4	30
DD014358		<10	<1	0.06	20	0.28	369	1	0.02	11	890	11	0.10	2	7	37
DD014359		<10	<1	0.01	40	0.05	2760	11	0.02	6	1160	9	0.11	<2	4	43
DD014360		10	<1	0.05	20	0.38	254	2	0.02	10	710	11	0.04	<2	6	24
DD014361		<10	<1	0.04	10	0.24	206	<1	0.02	6	790	6	0.04	<2	3	28
DD014362		10	1	0.15	80	0.37	180	1	0.02	11	720	15	0.04	2	13	39
DD014363		10	1	0.09	30	0.70	281	1	0.02	8	840	23	0.04	2	9	34
DD014364		10	<1	0.06	20	0.41	258	<1	0.02	7	790	10	0.08	2	6	53
DD014365		<10	<1	0.05	10	0.36	156	1	0.02	9	750	10	0.01	2	3	21
DD014366		<10	<1	0.04	10	0.39	170	1	0.02	8	700	9	<0.01	<2	3	27
DD014367		<10	<1	0.03	10	0.16	211	<1	0.04	5	620	7	0.09	<2	1	49
DD014368		<10	<1	0.05	10	0.38	386	<1	0.03	9	860	17	0.03	2	3	49
DD014369		10	<1	0.06	20	0.52	506	<1	0.03	12	870	24	0.05	2	5	61
DD014370		<10	<1	0.05	20	0.46	337	1	0.03	12	880	21	0.07	2	5	70

***** See Appendix Page for comments regarding this certificate *****

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014331		<20	0.06	<10	<10	57	<10	93
DD014332		<20	0.08	<10	<10	59	<10	62
DD014333		<20	0.09	<10	<10	63	<10	62
DD014334		<20	0.06	<10	<10	64	<10	77
DD014335		<20	0.04	<10	<10	56	<10	70
DD014336		<20	0.03	<10	<10	40	<10	63
DD014337		<20	0.08	<10	<10	68	<10	78
DD014338		<20	0.08	<10	<10	72	<10	83
DD014339		<20	0.05	<10	<10	36	<10	20
DD014340		<20	0.09	<10	<10	56	<10	68
DD014341		<20	0.10	<10	<10	52	<10	52
DD014342		<20	0.12	<10	<10	66	<10	96
DD014343		<20	0.10	<10	<10	75	<10	78
DD014344		<20	0.12	<10	<10	67	<10	62
DD014345		<20	0.11	<10	<10	62	<10	60
DD014346		<20	0.11	<10	<10	60	<10	56
DD014347		<20	0.10	<10	<10	60	<10	49
DD014348		<20	0.11	<10	<10	63	<10	61
DD014349		<20	0.12	<10	<10	78	<10	74
DD014350		<20	0.08	<10	<10	54	<10	58
DD014351		<20	0.05	<10	<10	62	<10	51
DD014352		<20	0.07	<10	<10	49	<10	50
DD014353		<20	0.07	<10	<10	70	<10	51
DD014354		<20	0.07	<10	<10	61	<10	46
DD014355		<20	0.06	<10	<10	69	<10	49
DD014356		<20	0.07	<10	<10	55	<10	48
DD014357		<20	0.08	<10	<10	57	<10	50
DD014358		<20	0.03	<10	<10	48	<10	82
DD014359		<20	0.01	<10	<10	61	<10	158
DD014360		<20	0.06	<10	<10	62	<10	77
DD014361		<20	0.04	<10	<10	31	<10	46
DD014362		<20	0.02	<10	<10	59	<10	59
DD014363		<20	0.04	<10	<10	77	<10	55
DD014364		<20	0.05	<10	10	42	<10	45
DD014365		<20	0.05	<10	<10	58	<10	46
DD014366		<20	0.06	<10	<10	50	<10	40
DD014367		<20	0.03	<10	<10	23	<10	29
DD014368		<20	0.05	<10	<10	39	<10	101
DD014369		<20	0.06	<10	<10	47	<10	123
DD014370		<20	0.05	<10	<10	55	<10	89

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CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014371		0.18	0.003	0.3	1.09	14	<10	240	<0.5	<2	0.45	<0.5	6	16	17	1.84
DD014372		0.12	0.007	0.3	1.42	13	<10	280	<0.5	<2	0.55	0.8	7	20	18	2.13
DD014373		0.14	0.001	0.3	1.14	9	<10	200	<0.5	<2	0.45	<0.5	4	17	11	1.76
DD014374		0.14	0.010	0.3	1.40	6	<10	290	<0.5	<2	0.43	<0.5	4	20	18	1.53
DD014375		0.12	NSS	0.8	1.82	13	<10	470	0.5	<2	0.60	<0.5	3	17	42	1.79
DD014376		0.18	0.001	0.2	1.42	11	<10	330	<0.5	<2	0.57	<0.5	6	24	16	2.29
DD014377		0.18	0.002	0.2	1.21	4	<10	320	<0.5	<2	0.52	<0.5	4	21	16	1.46
DD014378		0.18	0.001	0.2	1.18	5	<10	300	<0.5	<2	0.39	<0.5	5	15	17	1.96
DD014379		0.18	0.001	<0.2	1.35	6	<10	390	<0.5	<2	0.39	<0.5	6	17	16	2.28
DD014380		0.32	0.001	<0.2	1.28	5	<10	280	<0.5	<2	0.34	<0.5	6	19	15	2.14
DD014381		0.28	0.001	<0.2	1.40	7	<10	300	<0.5	<2	0.32	<0.5	6	20	21	2.50
DD014382		0.32	0.002	0.2	1.48	6	<10	330	<0.5	<2	0.41	<0.5	7	19	24	2.43
DD014383		0.28	0.001	0.2	1.84	8	<10	740	0.7	<2	0.66	<0.5	10	20	28	3.33
DD014384		0.26	0.002	<0.2	1.14	6	<10	300	<0.5	<2	0.33	<0.5	5	15	8	2.48
DD014385		0.26	0.001	0.2	1.64	8	<10	320	<0.5	<2	0.34	<0.5	8	19	13	2.83
DD014386		0.22	0.001	<0.2	1.80	10	<10	340	<0.5	<2	0.36	<0.5	8	28	16	2.80
DD014387		0.24	0.001	<0.2	1.69	8	<10	400	0.6	<2	0.42	<0.5	8	21	19	3.16
DD014388		0.22	0.001	<0.2	1.48	8	<10	270	<0.5	<2	0.43	<0.5	7	18	9	2.62
DD014389		0.12	<0.001	<0.2	1.26	4	<10	340	<0.5	<2	0.37	<0.5	4	10	17	1.17
DD014390		0.20	<0.001	<0.2	1.39	6	<10	240	<0.5	<2	0.35	<0.5	6	18	16	2.54
DD014391		0.18	0.003	0.3	1.99	8	<10	300	<0.5	<2	0.47	<0.5	11	22	16	3.38
DD014392		0.32	0.002	<0.2	1.34	12	<10	130	<0.5	<2	0.34	<0.5	7	23	20	2.43
DD014393		0.26	0.005	<0.2	1.52	8	<10	150	<0.5	<2	0.38	<0.5	7	25	16	2.15
DD014394		0.12	0.002	<0.2	1.65	10	<10	190	<0.5	2	0.40	<0.5	6	26	23	2.31
DD014395		0.22	0.003	<0.2	1.39	9	<10	150	<0.5	2	0.42	<0.5	6	25	17	1.97
DD014396		0.12	<0.001	0.2	1.07	4	<10	70	<0.5	<2	0.26	<0.5	4	13	17	1.53
DD014397		0.16	0.004	0.2	1.11	2	<10	80	<0.5	<2	0.24	<0.5	3	19	14	1.04
DD014398		0.12	0.001	0.2	1.02	6	<10	100	<0.5	<2	0.25	<0.5	4	16	11	1.92
DD014399		0.08	<0.001	0.2	1.55	4	<10	230	<0.5	<2	0.38	0.5	6	21	16	1.76
DD014400		0.22	0.001	<0.2	1.47	5	<10	140	<0.5	<2	0.36	<0.5	7	24	13	2.10
DD014401		0.28	0.001	<0.2	2.63	15	<10	480	0.8	<2	0.38	<0.5	11	34	24	3.37
DD014402		0.30	0.002	<0.2	2.15	9	<10	500	0.8	<2	0.70	<0.5	10	24	20	3.26
DD014403		0.22	0.003	<0.2	1.72	8	<10	160	<0.5	<2	0.18	<0.5	5	19	25	2.32
DD014404		0.24	0.003	<0.2	2.29	8	<10	440	0.6	<2	0.48	<0.5	10	34	22	3.31
DD014405		0.28	0.002	<0.2	1.77	6	<10	330	<0.5	2	0.48	<0.5	9	26	17	2.78
DD014406		0.28	<0.001	<0.2	1.83	7	<10	390	0.5	<2	0.69	<0.5	8	25	20	2.52
DD014407		0.16	<0.001	<0.2	0.94	3	<10	170	<0.5	<2	0.20	<0.5	4	11	11	1.14
DD014408		0.26	0.002	<0.2	1.85	7	<10	440	0.5	<2	0.60	<0.5	8	22	19	2.80
DD014409		0.24	0.001	0.2	1.43	6	<10	350	0.5	<2	0.60	<0.5	6	16	18	1.91
DD014410		0.36	0.004	<0.2	1.90	11	<10	290	<0.5	<2	0.48	<0.5	9	23	15	2.78

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014371		<10	<1	0.06	10	0.36	398	1	0.02	7	790	24	0.02	<2	4	35
DD014372		<10	<1	0.06	20	0.42	573	1	0.02	9	940	22	0.04	2	3	51
DD014373		<10	<1	0.06	10	0.30	174	<1	0.02	8	780	10	0.04	<2	2	29
DD014374		<10	<1	0.06	10	0.40	132	<1	0.02	10	620	12	0.02	<2	3	29
DD014375		<10	<1	0.07	20	0.21	133	<1	0.04	10	1170	12	0.11	<2	2	39
DD014376		<10	<1	0.07	10	0.47	245	1	0.02	11	770	9	0.03	<2	3	36
DD014377		<10	<1	0.05	10	0.34	117	<1	0.02	8	750	7	0.03	2	4	29
DD014378		<10	<1	0.11	20	0.33	145	<1	0.03	7	590	8	0.02	<2	6	22
DD014379		<10	<1	0.08	20	0.37	564	1	0.03	10	670	8	0.02	2	4	23
DD014380		<10	<1	0.09	10	0.41	272	1	0.02	8	630	8	0.01	<2	4	19
DD014381		10	<1	0.10	20	0.37	274	1	0.02	9	450	9	0.01	<2	5	23
DD014382		<10	<1	0.09	10	0.48	249	1	0.02	10	590	8	0.01	<2	5	22
DD014383		10	1	0.11	30	0.37	897	2	0.02	9	1010	10	0.07	2	9	43
DD014384		<10	<1	0.09	10	0.36	219	1	0.02	6	370	10	0.03	<2	3	19
DD014385		10	<1	0.14	10	0.56	421	1	0.02	9	360	7	0.02	<2	5	21
DD014386		10	<1	0.10	10	0.55	366	1	0.02	15	480	11	0.02	2	5	26
DD014387		10	<1	0.11	20	0.53	483	<1	0.02	11	500	7	0.02	2	7	26
DD014388		<10	1	0.11	10	0.52	300	1	0.02	8	380	10	0.02	<2	4	23
DD014389		<10	<1	0.08	20	0.22	155	<1	0.04	6	450	4	0.04	<2	4	28
DD014390		10	<1	0.08	10	0.45	306	<1	0.02	9	420	7	0.02	3	4	25
DD014391		10	<1	0.09	20	0.53	925	1	0.02	8	760	10	0.03	<2	6	34
DD014392		<10	<1	0.07	10	0.50	259	1	0.02	17	480	15	<0.01	2	3	21
DD014393		<10	<1	0.06	10	0.48	314	1	0.02	11	510	12	0.01	3	4	24
DD014394		<10	<1	0.06	10	0.41	245	<1	0.03	10	670	15	0.03	<2	4	29
DD014395		<10	<1	0.06	10	0.50	202	<1	0.03	10	550	15	0.01	3	4	27
DD014396		<10	<1	0.05	10	0.21	222	<1	0.03	6	720	10	0.04	<2	1	22
DD014397		<10	<1	0.05	10	0.34	126	<1	0.02	8	710	10	0.02	<2	2	14
DD014398		<10	<1	0.05	10	0.35	192	1	0.02	7	640	12	0.03	2	1	16
DD014399		<10	<1	0.06	10	0.47	306	<1	0.02	9	940	25	0.05	<2	2	29
DD014400		10	<1	0.07	10	0.57	300	<1	0.02	11	830	15	0.01	<2	3	20
DD014401		10	<1	0.09	30	0.62	456	<1	0.02	18	500	12	0.01	2	8	27
DD014402		10	<1	0.05	30	0.76	919	<1	0.02	11	850	14	0.04	3	6	38
DD014403		10	<1	0.05	10	0.29	159	<1	0.02	9	270	7	0.01	<2	3	25
DD014404		10	<1	0.10	20	0.73	521	<1	0.02	17	530	14	0.01	<2	7	31
DD014405		10	<1	0.07	20	0.67	308	<1	0.02	12	580	12	0.01	3	5	27
DD014406		10	<1	0.07	20	0.52	350	<1	0.02	12	570	9	0.02	3	5	29
DD014407		<10	<1	0.04	10	0.19	101	<1	0.03	5	270	4	0.01	<2	2	17
DD014408		10	<1	0.10	30	0.65	517	<1	0.02	10	680	9	0.02	3	7	31
DD014409		<10	<1	0.06	20	0.36	302	<1	0.03	8	840	6	0.05	<2	3	33
DD014410		10	<1	0.08	10	0.71	340	<1	0.02	10	700	14	0.01	<2	5	30

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014371		<20	0.05	<10	<10	39	<10	74
DD014372		<20	0.05	<10	<10	45	<10	109
DD014373		<20	0.06	<10	<10	43	<10	53
DD014374		<20	0.05	<10	<10	36	<10	42
DD014375		<20	0.04	<10	<10	43	<10	41
DD014376		<20	0.08	<10	<10	50	<10	64
DD014377		<20	0.07	<10	<10	38	<10	43
DD014378		<20	0.09	<10	<10	45	<10	49
DD014379		<20	0.07	<10	<10	48	<10	47
DD014380		<20	0.07	<10	<10	46	<10	46
DD014381		<20	0.08	<10	<10	55	<10	49
DD014382		<20	0.08	<10	<10	52	<10	50
DD014383		<20	0.04	<10	<10	63	<10	67
DD014384		<20	0.05	<10	<10	52	<10	45
DD014385		<20	0.12	<10	<10	64	<10	51
DD014386		<20	0.08	<10	<10	56	<10	55
DD014387		<20	0.08	<10	<10	63	<10	52
DD014388		<20	0.09	<10	<10	57	<10	55
DD014389		<20	0.04	<10	<10	24	<10	37
DD014390		<20	0.09	<10	<10	59	<10	52
DD014391		<20	0.07	<10	<10	66	<10	57
DD014392		<20	0.11	<10	<10	57	<10	53
DD014393		<20	0.09	<10	<10	55	<10	54
DD014394		<20	0.07	<10	<10	61	<10	65
DD014395		<20	0.10	<10	<10	57	<10	59
DD014396		<20	0.05	<10	<10	41	<10	31
DD014397		<20	0.06	<10	<10	26	<10	30
DD014398		<20	0.05	<10	<10	46	<10	49
DD014399		<20	0.03	<10	<10	40	<10	64
DD014400		<20	0.07	<10	<10	49	<10	104
DD014401		<20	0.05	<10	<10	72	<10	60
DD014402		<20	0.03	<10	<10	71	<10	60
DD014403		<20	0.08	<10	<10	61	<10	33
DD014404		<20	0.09	<10	<10	73	<10	83
DD014405		<20	0.10	<10	<10	62	<10	62
DD014406		<20	0.07	<10	<10	57	<10	51
DD014407		<20	0.04	<10	<10	26	<10	27
DD014408		<20	0.06	<10	<10	59	<10	59
DD014409		<20	0.04	<10	<10	43	<10	40
DD014410		<20	0.08	<10	<10	60	<10	73

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014411		0.26	0.002	<0.2	1.99	7	<10	250	<0.5	<2	0.52	<0.5	8	22	14	2.69
DD014412		0.24	0.002	<0.2	1.72	3	<10	220	<0.5	<2	0.53	<0.5	9	21	11	2.37
DD014413		0.36	0.047	<0.2	2.10	5	<10	290	0.5	<2	0.49	<0.5	9	25	20	2.57
DD014414		0.22	0.001	0.2	1.69	6	<10	320	<0.5	<2	0.47	<0.5	10	22	14	2.90
DD014415		0.26	0.002	<0.2	1.15	3	<10	280	<0.5	<2	0.41	<0.5	5	16	10	1.42
DD014416		0.28	0.004	<0.2	1.26	8	<10	270	<0.5	<2	0.44	<0.5	7	22	12	1.83
DD014417		0.20	0.002	<0.2	1.47	8	<10	280	<0.5	<2	0.53	<0.5	7	23	15	2.20
DD014418		0.26	0.003	<0.2	2.11	15	<10	270	0.5	<2	0.54	<0.5	9	32	18	2.97
DD014419		0.18	0.008	0.2	1.04	14	<10	210	<0.5	<2	0.41	<0.5	6	17	15	2.10
DD014420		0.16	0.008	0.2	0.95	11	<10	200	<0.5	<2	0.47	<0.5	5	15	18	1.80
DD014421		0.28	0.003	<0.2	0.86	7	<10	180	<0.5	<2	0.38	<0.5	4	14	10	1.50
DD014422		0.20	0.001	<0.2	0.93	5	<10	270	<0.5	<2	0.58	<0.5	5	15	7	1.52
DD014423		0.20	0.002	0.2	1.20	5	<10	390	<0.5	<2	0.50	<0.5	6	21	17	1.67
DD014424		0.14	0.002	<0.2	1.14	24	<10	370	0.6	<2	0.68	<0.5	4	19	23	3.76
DD014425		0.14	<0.001	<0.2	0.73	2	<10	230	<0.5	<2	0.40	<0.5	3	12	10	1.05
DD014426		0.20	0.001	<0.2	0.77	2	<10	200	<0.5	<2	0.45	<0.5	3	14	9	0.93
DD014427		0.16	0.001	0.2	1.32	5	<10	410	0.5	<2	0.72	<0.5	6	23	18	1.83
DD014428		0.18	0.003	0.3	1.49	3	<10	430	0.6	<2	0.50	<0.5	9	26	22	2.54
DD014429		0.24	0.001	<0.2	1.25	<2	<10	410	<0.5	<2	0.49	<0.5	6	22	17	1.97
DD014430		0.18	0.002	0.2	1.09	<2	<10	390	<0.5	<2	0.54	<0.5	6	18	13	1.64
DD014431		0.20	0.001	<0.2	0.85	2	<10	340	<0.5	<2	0.41	<0.5	8	15	13	1.68
DD014432		0.14	0.005	<0.2	0.92	<2	<10	390	<0.5	<2	0.57	<0.5	5	19	20	1.51
DD014433		0.22	0.005	0.2	0.67	<2	<10	250	<0.5	<2	0.50	<0.5	4	17	11	0.94
DD014434		0.10	<0.001	0.3	0.68	<2	<10	240	<0.5	<2	0.73	<0.5	7	8	20	1.04
DD014435		0.22	0.008	0.2	0.84	4	<10	140	<0.5	<2	0.31	<0.5	4	17	14	1.15
DD014436		0.26	<0.001	<0.2	0.85	<2	<10	160	<0.5	<2	0.42	<0.5	6	24	11	1.58
DD014437		0.30	<0.001	0.2	1.24	3	<10	230	<0.5	<2	0.46	<0.5	7	29	15	2.13
DD014438		0.28	<0.001	0.2	1.28	2	<10	120	<0.5	<2	0.30	<0.5	6	20	12	1.49
DD014439		0.26	0.012	<0.2	1.22	<2	<10	130	<0.5	<2	0.31	<0.5	5	21	11	1.69
DD014440		0.28	<0.001	<0.2	1.47	5	<10	170	<0.5	<2	0.28	<0.5	9	24	17	2.26
DD014441		0.24	<0.001	<0.2	1.53	5	<10	170	<0.5	<2	0.26	<0.5	11	25	17	2.16
DD014442		0.20	<0.001	0.2	1.30	<2	<10	140	<0.5	<2	0.23	<0.5	6	21	10	1.75
DD014443		0.26	0.002	<0.2	1.46	6	<10	150	<0.5	<2	0.29	<0.5	7	23	12	1.89
DD014444		0.26	<0.001	<0.2	1.21	4	<10	160	<0.5	2	0.29	<0.5	6	21	9	1.59
DD014445		0.22	<0.001	0.2	1.19	3	<10	140	<0.5	<2	0.26	<0.5	6	20	9	1.60
DD014446		0.28	<0.001	<0.2	1.45	2	<10	210	<0.5	<2	0.26	<0.5	7	27	17	1.65
DD014447		0.20	<0.001	0.2	1.09	<2	<10	150	<0.5	2	0.24	0.5	6	16	19	1.18
DD014448		0.26	0.001	0.3	1.92	10	<10	220	0.5	2	0.51	0.5	11	34	49	2.96
DD014449		0.30	<0.001	0.3	1.72	3	<10	180	<0.5	<2	0.40	<0.5	11	26	28	2.42
DD014450		0.20	0.003	0.3	1.52	<2	<10	220	<0.5	2	0.46	<0.5	9	23	22	2.00

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CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DD014411		10	<1	0.07	20	0.71	314	<1	0.02	9	810	13	0.02	<2	4	31
DD014412		10	<1	0.06	20	0.74	363	<1	0.02	8	800	11	0.01	<2	4	30
DD014413		10	<1	0.05	30	0.79	306	<1	0.02	10	690	9	0.01	<2	6	33
DD014414		10	<1	0.05	20	0.67	735	<1	0.02	9	770	9	0.01	<2	5	25
DD014415		<10	<1	0.03	10	0.41	253	<1	0.02	8	690	6	0.01	<2	3	19
DD014416		<10	<1	0.05	10	0.39	192	<1	0.02	11	820	6	0.02	<2	4	24
DD014417		<10	<1	0.05	10	0.43	218	<1	0.02	11	920	9	0.03	2	3	29
DD014418		10	<1	0.06	10	0.59	696	3	0.02	13	1050	17	0.02	3	4	36
DD014419		<10	<1	0.04	10	0.35	368	1	0.02	8	820	18	0.02	<2	3	35
DD014420		<10	<1	0.04	10	0.31	300	1	0.02	12	860	16	0.02	2	3	40
DD014421		<10	<1	0.04	10	0.27	223	<1	0.02	7	760	10	0.01	<2	3	27
DD014422		<10	<1	0.05	10	0.30	595	1	0.02	7	710	6	0.03	<2	3	41
DD014423		<10	<1	0.05	20	0.36	557	2	0.02	10	690	9	0.05	2	5	38
DD014424		<10	<1	0.05	20	0.31	330	4	0.03	8	770	7	0.15	<2	4	57
DD014425		<10	<1	0.04	10	0.23	129	1	0.02	5	710	5	0.03	<2	2	25
DD014426		<10	<1	0.04	10	0.28	121	<1	0.02	6	610	6	0.02	<2	3	29
DD014427		<10	<1	0.07	20	0.44	267	1	0.03	10	840	9	0.07	2	5	52
DD014428		<10	<1	0.07	20	0.44	603	1	0.03	14	890	14	0.06	<2	7	45
DD014429		<10	<1	0.05	20	0.33	239	<1	0.03	11	970	9	0.07	<2	5	42
DD014430		<10	<1	0.05	20	0.30	225	<1	0.03	9	790	6	0.06	<2	4	47
DD014431		<10	<1	0.03	10	0.23	190	1	0.03	9	700	3	0.04	<2	3	35
DD014432		<10	<1	0.03	10	0.19	175	<1	0.03	9	740	4	0.12	<2	3	49
DD014433		<10	<1	0.02	10	0.17	160	<1	0.02	7	830	3	0.05	<2	2	37
DD014434		<10	<1	0.02	10	0.07	750	<1	0.04	10	730	<2	0.07	<2	1	61
DD014435		<10	<1	0.03	10	0.25	94	<1	0.03	8	600	5	0.02	<2	2	22
DD014436		<10	<1	0.04	10	0.29	180	<1	0.04	10	760	5	0.02	<2	3	30
DD014437		<10	<1	0.05	10	0.39	228	<1	0.02	13	770	5	0.02	<2	3	33
DD014438		<10	<1	0.11	10	0.41	249	<1	0.02	12	670	8	0.02	<2	3	20
DD014439		<10	<1	0.09	10	0.41	226	<1	0.02	9	690	7	0.03	<2	3	20
DD014440		<10	<1	0.10	10	0.47	507	<1	0.02	11	590	9	0.02	<2	4	19
DD014441		<10	<1	0.08	10	0.46	466	<1	0.02	11	760	10	0.05	<2	3	23
DD014442		<10	<1	0.06	10	0.43	188	<1	0.02	10	620	8	0.03	<2	3	19
DD014443		<10	<1	0.09	10	0.46	188	<1	0.02	12	590	8	0.01	<2	3	20
DD014444		<10	<1	0.09	10	0.44	174	<1	0.02	11	540	6	0.01	<2	3	21
DD014445		<10	<1	0.07	10	0.41	158	<1	0.02	10	540	10	0.01	<2	3	18
DD014446		<10	<1	0.06	20	0.42	168	<1	0.02	13	460	11	0.02	<2	5	21
DD014447		<10	<1	0.05	10	0.30	146	<1	0.02	8	640	11	0.03	<2	2	19
DD014448		10	<1	0.08	20	0.66	392	<1	0.03	15	630	21	0.02	<2	7	38
DD014449		10	<1	0.08	10	0.69	332	<1	0.03	13	500	15	0.02	<2	5	31
DD014450		<10	<1	0.07	10	0.53	468	<1	0.03	12	610	11	0.04	<2	5	34

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014411		<20	0.10	<10	<10	61	<10	61
DD014412		<20	0.12	<10	<10	59	<10	58
DD014413		<20	0.09	<10	<10	63	<10	59
DD014414		<20	0.07	<10	<10	59	<10	53
DD014415		<20	0.05	<10	<10	33	<10	40
DD014416		<20	0.07	<10	<10	42	<10	44
DD014417		<20	0.06	<10	<10	54	<10	49
DD014418		<20	0.05	<10	10	64	<10	79
DD014419		<20	0.04	<10	<10	43	<10	60
DD014420		<20	0.04	<10	<10	41	<10	55
DD014421		<20	0.04	<10	<10	33	<10	50
DD014422		<20	0.04	<10	<10	29	<10	42
DD014423		<20	0.05	<10	<10	47	<10	53
DD014424		<20	0.04	<10	<10	66	<10	57
DD014425		<20	0.04	<10	<10	26	<10	40
DD014426		<20	0.04	<10	<10	26	<10	38
DD014427		<20	0.05	<10	<10	49	<10	68
DD014428		<20	0.05	<10	10	60	<10	78
DD014429		<20	0.05	<10	<10	59	<10	53
DD014430		<20	0.04	<10	<10	42	<10	52
DD014431		<20	0.04	<10	10	41	<10	37
DD014432		<20	0.04	<10	10	43	<10	36
DD014433		<20	0.04	<10	<10	23	<10	23
DD014434		<20	0.03	<10	<10	27	<10	17
DD014435		<20	0.04	<10	<10	32	<10	25
DD014436		<20	0.05	<10	<10	49	<10	33
DD014437		<20	0.05	<10	<10	53	<10	37
DD014438		<20	0.07	<10	<10	38	<10	42
DD014439		<20	0.07	<10	<10	36	<10	42
DD014440		<20	0.08	<10	<10	51	<10	50
DD014441		<20	0.06	<10	<10	47	<10	51
DD014442		<20	0.07	<10	<10	37	<10	47
DD014443		<20	0.07	<10	<10	44	<10	50
DD014444		<20	0.08	<10	<10	42	<10	50
DD014445		<20	0.07	<10	<10	45	<10	51
DD014446		<20	0.08	<10	10	52	<10	55
DD014447		<20	0.06	<10	<10	43	<10	54
DD014448		<20	0.08	<10	<10	74	<10	89
DD014449		<20	0.11	<10	<10	65	<10	85
DD014450		<20	0.07	<10	<10	54	<10	64

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014451		0.28	0.008	0.6	2.51	68	<10	700	0.6	<2	0.56	<0.5	11	31	51	3.98
DD014452		0.32	0.004	0.2	1.75	10	<10	310	<0.5	<2	0.36	<0.5	7	22	42	2.54
DD014453		0.18	<0.001	0.2	1.97	22	<10	260	<0.5	3	0.32	<0.5	12	28	44	5.82
DD014454		0.22	<0.001	0.6	1.48	8	<10	460	0.5	<2	0.53	<0.5	9	15	15	2.82
DD014455		0.28	0.001	0.3	1.79	7	<10	440	0.5	<2	0.49	0.6	11	25	23	2.69
DD014456		0.30	0.002	<0.2	1.76	6	<10	250	<0.5	<2	0.38	<0.5	9	28	20	2.29
DD014457		0.24	<0.001	<0.2	1.41	5	<10	240	<0.5	<2	0.39	<0.5	8	25	17	2.25
DD014458		0.26	<0.001	<0.2	1.14	9	<10	150	<0.5	<2	0.22	<0.5	6	19	9	2.09
DD014459		0.28	<0.001	<0.2	2.00	8	<10	290	<0.5	<2	0.53	<0.5	10	22	12	2.96
DD014460		0.20	<0.001	0.2	1.08	4	<10	150	<0.5	<2	0.16	<0.5	5	15	15	1.75
DD014461		0.30	0.001	0.6	2.09	5	<10	560	0.7	<2	0.38	<0.5	10	27	26	2.63
DD014462		0.40	<0.001	0.2	1.80	6	<10	510	0.6	2	0.42	<0.5	10	31	28	2.68
DD014463		0.36	<0.001	0.2	1.59	4	<10	270	<0.5	<2	0.36	<0.5	8	25	14	2.27
DD014464		0.26	<0.001	<0.2	2.03	8	<10	140	<0.5	<2	0.30	<0.5	8	24	16	2.88
DD014465		0.30	0.006	0.2	2.00	7	<10	410	<0.5	<2	0.62	<0.5	10	23	18	2.94
DD014466		0.26	0.002	<0.2	1.85	7	<10	360	<0.5	<2	0.57	<0.5	10	21	16	2.87
DD014467		0.36	0.001	0.2	1.73	9	<10	240	<0.5	<2	0.39	<0.5	9	21	14	2.68
DD014468		0.32	0.001	0.2	1.76	8	<10	220	<0.5	<2	0.43	<0.5	9	23	14	2.73
DD014469		0.34	0.004	<0.2	2.03	5	<10	270	<0.5	<2	0.45	<0.5	10	25	15	2.62
DD014470		0.16	0.003	0.2	1.28	7	<10	290	<0.5	<2	0.46	<0.5	6	18	17	3.32

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ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014451		10	<1	0.15	20	0.61	665	4	0.02	15	720	13	0.04	<2	9	44
DD014452		10	<1	0.08	20	0.57	236	1	0.02	9	660	10	0.04	<2	6	22
DD014453		10	<1	0.06	10	0.40	1085	2	0.03	11	880	6	0.06	<2	4	28
DD014454		<10	<1	0.09	10	0.43	798	1	0.03	7	660	17	0.03	<2	7	38
DD014455		10	1	0.08	10	0.46	1485	<1	0.03	12	610	15	0.04	<2	5	38
DD014456		<10	<1	0.06	10	0.56	340	<1	0.02	15	470	9	0.02	<2	4	27
DD014457		<10	<1	0.06	10	0.47	362	<1	0.03	13	600	6	0.03	<2	3	29
DD014458		10	<1	0.06	10	0.34	214	<1	0.02	9	290	8	0.02	<2	3	19
DD014459		10	<1	0.05	10	0.79	436	<1	0.02	9	640	8	0.03	<2	5	33
DD014460		10	<1	0.04	10	0.19	122	<1	0.02	8	200	8	0.01	<2	2	18
DD014461		10	1	0.07	30	0.60	463	<1	0.02	14	590	12	0.02	<2	7	27
DD014462		<10	<1	0.07	30	0.55	388	<1	0.02	17	560	9	0.02	2	6	29
DD014463		<10	<1	0.06	20	0.56	325	<1	0.02	11	490	9	0.01	<2	4	22
DD014464		10	<1	0.06	10	0.52	335	1	0.03	14	420	14	0.01	<2	4	21
DD014465		10	<1	0.08	20	0.68	441	<1	<0.01	11	630	9	<0.01	3	5	36
DD014466		10	<1	0.06	10	0.61	361	<1	0.04	9	790	10	0.03	<2	4	35
DD014467		10	<1	0.06	10	0.65	345	<1	0.04	9	600	13	0.01	<2	4	26
DD014468		10	<1	0.06	20	0.67	317	<1	<0.01	10	740	11	<0.01	<2	4	27
DD014469		10	<1	0.05	20	0.75	295	<1	0.03	10	700	10	0.01	<2	5	32
DD014470		<10	<1	0.04	10	0.38	290	<1	0.01	7	900	7	0.02	<2	3	27

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- OCT- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014451		<20	0.06	<10	<10	86	<10	93
DD014452		<20	0.10	<10	<10	63	<10	61
DD014453		<20	0.08	<10	<10	93	<10	66
DD014454		<20	0.04	<10	<10	59	<10	80
DD014455		<20	0.04	<10	<10	57	<10	81
DD014456		<20	0.06	<10	<10	55	<10	52
DD014457		<20	0.06	<10	<10	55	<10	50
DD014458		<20	0.07	<10	<10	57	<10	51
DD014459		<20	0.04	<10	<10	73	<10	62
DD014460		<20	0.08	<10	<10	55	<10	25
DD014461		<20	0.08	<10	<10	60	<10	66
DD014462		<20	0.07	<10	<10	59	<10	57
DD014463		<20	0.07	<10	<10	52	<10	51
DD014464		<20	0.07	<10	<10	58	<10	59
DD014465		<20	0.07	<10	<10	65	<10	67
DD014466		<20	0.06	<10	<10	63	<10	63
DD014467		<20	0.07	<10	<10	57	<10	68
DD014468		<20	0.09	<10	<10	60	<10	55
DD014469		<20	0.09	<10	<10	64	<10	58
DD014470		<20	0.06	<10	<10	60	<10	39

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Finalized Date: 26- OCT- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182378

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182379

Project: Klaza

P.O. No.:

This report is for 140 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- NOV- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014471		0.34	0.003	<0.2	1.43	3	<10	370	<0.5	<2	0.42	<0.5	9	22	14	2.04
DD014472		0.22	0.003	<0.2	1.22	6	<10	350	<0.5	<2	0.63	<0.5	7	22	18	1.80
DD014473		0.22	0.002	<0.2	1.44	3	<10	390	<0.5	<2	0.68	<0.5	8	25	14	1.91
DD014474		0.20	0.003	0.2	1.13	10	<10	230	<0.5	<2	0.50	<0.5	8	18	11	1.87
DD014475		0.20	0.031	0.2	0.90	9	<10	170	<0.5	<2	0.39	<0.5	7	15	9	1.80
DD014476		0.30	0.047	<0.2	0.98	10	<10	180	<0.5	<2	0.43	<0.5	8	18	11	2.23
DD014477		0.22	0.001	<0.2	0.79	6	<10	160	<0.5	<2	0.34	<0.5	6	13	9	1.40
DD014478		0.20	0.002	<0.2	1.39	2	<10	460	0.5	<2	0.89	<0.5	9	25	19	2.08
DD014479		0.12	0.001	0.2	1.10	<2	<10	440	<0.5	<2	0.74	<0.5	6	18	33	1.70
DD014480		0.16	0.001	0.2	1.05	36	<10	500	0.6	<2	0.69	<0.5	14	15	26	9.69
DD014481		0.34	0.003	0.2	2.05	8	<10	210	0.5	<2	0.41	<0.5	11	23	24	3.02
DD014482		0.38	0.001	<0.2	1.89	8	<10	160	<0.5	<2	0.26	<0.5	11	26	20	2.64
DD014483		0.34	0.001	0.2	1.71	10	<10	160	0.5	<2	0.31	<0.5	9	20	26	2.50
DD014484		0.20	0.013	<0.2	1.80	8	<10	100	<0.5	<2	0.20	<0.5	8	26	14	2.49
DD014485		0.22	<0.001	<0.2	1.58	11	<10	120	<0.5	<2	0.17	0.5	10	21	21	3.14
DD014486		0.22	0.001	0.3	2.01	9	<10	260	0.5	<2	0.36	<0.5	10	20	20	2.71
DD014487		0.32	0.002	0.2	2.02	3	<10	180	<0.5	<2	0.41	<0.5	12	23	18	2.42
DD014488		0.26	0.002	0.3	1.88	5	<10	210	<0.5	<2	0.57	<0.5	12	23	34	3.23
DD014489		0.34	0.006	0.3	1.95	2	<10	170	<0.5	2	0.55	<0.5	12	32	70	3.14
DD014490		0.26	0.001	0.3	1.82	5	<10	270	<0.5	<2	0.41	0.5	9	33	32	2.19
DD014491		0.36	0.007	0.2	1.81	9	<10	290	0.6	<2	0.61	0.8	12	31	39	3.05
DD014492		0.30	0.007	<0.2	1.23	2	<10	140	<0.5	<2	0.31	<0.5	8	19	15	1.75
DD014493		0.18	0.006	0.2	1.80	3	<10	170	0.5	<2	0.27	<0.5	9	25	26	1.72
DD014494		0.34	0.002	0.6	1.93	2	<10	220	<0.5	<2	0.42	0.5	9	31	17	2.07
DD014495		0.34	0.004	0.4	2.10	2	<10	210	0.5	<2	0.38	0.5	11	32	24	2.93
DD014496		0.40	0.006	<0.2	1.50	2	<10	130	<0.5	<2	0.28	<0.5	9	22	12	1.62
DD014497		0.24	<0.001	<0.2	1.45	<2	<10	120	<0.5	<2	0.28	<0.5	7	22	14	1.39
DD014498		0.36	<0.001	<0.2	1.33	3	<10	120	<0.5	<2	0.28	<0.5	7	19	13	1.29
DD014499		0.32	0.001	<0.2	1.58	8	<10	150	<0.5	<2	0.40	<0.5	8	22	13	2.19
DD014500		0.38	0.003	0.2	1.93	8	<10	220	0.5	3	0.46	<0.5	13	33	28	2.99
DD014501		0.18	0.011	0.2	2.04	8	<10	300	0.7	<2	0.46	<0.5	12	31	23	3.20
DD014502		0.28	0.016	<0.2	1.37	3	<10	150	<0.5	<2	0.31	<0.5	9	20	10	2.56
DD014503		0.18	0.016	0.5	1.92	5	<10	230	0.7	<2	0.50	<0.5	12	23	23	3.66
DD014504		0.20	0.006	0.2	1.78	5	<10	210	0.5	<2	0.32	<0.5	8	20	23	1.92
DD014505		0.20	0.001	<0.2	1.14	3	<10	140	<0.5	<2	0.22	<0.5	9	16	10	2.04
DD014506		0.30	0.001	<0.2	1.44	7	<10	170	<0.5	<2	0.27	<0.5	8	20	13	2.43
DD014507		0.26	0.010	<0.2	1.34	3	<10	200	<0.5	<2	0.30	<0.5	8	18	11	1.95
DD014508		0.26	0.001	<0.2	1.34	2	<10	230	<0.5	<2	0.32	<0.5	8	18	19	1.99
DD014509		0.32	0.005	0.6	1.79	4	<10	280	<0.5	<2	0.43	<0.5	9	23	17	2.05
DD014510		0.36	0.002	<0.2	1.50	5	<10	200	<0.5	<2	0.35	<0.5	8	23	12	2.21

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014471		<10	<1	0.04	10	0.41	407	<1	0.02	11	760	7	0.03	<2	4	23
DD014472		<10	<1	0.04	10	0.32	245	<1	0.03	11	890	5	0.06	<2	3	36
DD014473		<10	<1	0.05	10	0.41	413	<1	0.01	12	1140	8	0.07	<2	3	39
DD014474		<10	<1	0.05	10	0.34	262	1	0.02	9	940	15	0.04	2	3	43
DD014475		<10	<1	0.03	10	0.29	275	1	0.02	7	840	11	0.03	2	3	30
DD014476		<10	<1	0.04	10	0.32	321	1	0.02	8	900	15	0.03	<2	3	34
DD014477		<10	<1	0.04	10	0.26	217	<1	0.02	6	700	9	0.03	2	2	26
DD014478		<10	<1	0.06	20	0.42	256	1	0.02	13	760	10	0.10	<2	5	72
DD014479		<10	<1	0.05	10	0.29	483	1	0.03	10	780	5	0.13	<2	4	61
DD014480		<10	<1	0.04	20	0.22	1625	9	0.03	10	860	3	0.09	5	3	69
DD014481		10	<1	0.08	20	0.70	410	<1	0.03	11	710	8	0.04	5	6	29
DD014482		<10	<1	0.09	10	0.57	325	<1	0.02	17	460	8	0.01	2	4	20
DD014483		<10	<1	0.08	20	0.48	373	<1	0.02	11	640	7	0.02	3	4	22
DD014484		10	<1	0.05	10	0.38	203	<1	0.01	12	320	8	0.01	3	3	17
DD014485		10	<1	0.07	10	0.42	344	1	0.01	9	440	11	0.01	<2	4	18
DD014486		10	<1	0.07	10	0.53	424	<1	0.03	12	490	8	0.02	<2	5	27
DD014487		10	<1	0.06	20	0.73	347	<1	0.04	13	670	12	0.03	<2	5	31
DD014488		10	<1	0.07	10	0.64	983	1	0.03	10	660	23	0.04	<2	5	39
DD014489		10	<1	0.08	10	0.84	462	2	0.02	11	620	50	0.04	<2	6	33
DD014490		10	1	0.09	20	0.57	284	1	0.02	14	580	16	0.04	<2	6	28
DD014491		10	1	0.08	30	0.64	380	1	0.03	14	640	22	0.05	2	7	32
DD014492		<10	<1	0.07	10	0.41	419	1	0.02	9	700	17	0.03	2	3	24
DD014493		10	<1	0.07	10	0.48	222	<1	0.02	12	800	13	0.05	2	2	24
DD014494		<10	<1	0.14	10	0.54	429	<1	0.02	13	710	17	0.04	<2	6	29
DD014495		10	1	0.14	30	0.55	304	<1	0.01	14	700	29	0.04	3	10	26
DD014496		<10	<1	0.10	10	0.48	174	<1	0.02	11	500	7	0.02	<2	4	18
DD014497		<10	<1	0.08	10	0.44	283	<1	0.01	9	670	7	0.05	<2	3	21
DD014498		<10	<1	0.09	10	0.44	165	<1	0.02	8	550	7	0.03	<2	3	19
DD014499		<10	<1	0.09	10	0.51	278	<1	0.02	12	710	6	0.03	<2	3	27
DD014500		<10	<1	0.08	20	0.59	705	<1	0.02	15	730	14	0.02	3	6	31
DD014501		10	<1	0.16	20	0.76	881	<1	0.03	14	710	18	0.03	2	6	34
DD014502		<10	<1	0.15	10	0.52	417	<1	0.03	9	540	10	0.02	<2	4	32
DD014503		10	<1	0.17	20	0.70	885	1	0.03	11	830	46	0.04	<2	7	34
DD014504		<10	<1	0.05	20	0.44	216	<1	0.02	9	980	10	0.08	<2	3	22
DD014505		<10	<1	0.05	10	0.32	381	<1	0.02	6	720	5	0.04	<2	3	15
DD014506		<10	<1	0.05	10	0.43	244	<1	0.02	10	750	9	0.03	<2	3	17
DD014507		<10	<1	0.05	10	0.39	284	<1	0.02	8	710	7	0.03	3	2	19
DD014508		<10	<1	0.04	10	0.36	339	1	0.02	9	920	5	0.05	2	2	24
DD014509		<10	<1	0.09	20	0.49	230	<1	0.01	10	720	17	0.04	3	5	25
DD014510		<10	<1	0.06	10	0.40	180	<1	0.02	10	740	7	0.03	<2	4	21

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014471		<20	0.07	<10	<10	48	<10	44
DD014472		<20	0.06	<10	<10	45	<10	40
DD014473		<20	0.05	<10	<10	48	<10	51
DD014474		<20	0.04	<10	<10	43	<10	66
DD014475		<20	0.04	<10	<10	43	<10	50
DD014476		<20	0.05	<10	<10	56	<10	61
DD014477		<20	0.04	<10	<10	33	<10	47
DD014478		<20	0.05	<10	10	56	<10	75
DD014479		<20	0.05	<10	10	44	<10	53
DD014480		<20	0.04	<10	<10	65	<10	56
DD014481		<20	0.09	<10	<10	72	<10	68
DD014482		<20	0.09	<10	<10	59	<10	58
DD014483		<20	0.07	<10	<10	58	<10	58
DD014484		<20	0.09	<10	<10	62	<10	38
DD014485		<20	0.10	<10	<10	97	<10	52
DD014486		<20	0.09	<10	<10	66	<10	59
DD014487		<20	0.11	<10	<10	65	<10	85
DD014488		<20	0.06	<10	<10	72	<10	100
DD014489		<20	0.05	<10	<10	78	<10	129
DD014490		<20	0.05	<10	<10	59	<10	75
DD014491		<20	0.07	<10	<10	78	<10	97
DD014492		<20	0.05	<10	<10	41	<10	61
DD014493		<20	0.06	<10	<10	52	<10	53
DD014494		<20	0.08	<10	<10	55	<10	78
DD014495		<20	0.08	<10	<10	64	<10	107
DD014496		<20	0.09	<10	<10	44	<10	47
DD014497		<20	0.06	<10	<10	32	<10	50
DD014498		<20	0.07	<10	<10	29	<10	48
DD014499		<20	0.08	<10	<10	49	<10	54
DD014500		<20	0.12	<10	<10	76	<10	69
DD014501		<20	0.08	<10	<10	73	<10	69
DD014502		<20	0.08	<10	<10	61	<10	47
DD014503		<20	0.10	<10	<10	84	<10	92
DD014504		<20	0.06	<10	<10	51	<10	49
DD014505		<20	0.05	<10	<10	39	<10	38
DD014506		<20	0.07	<10	<10	69	<10	53
DD014507		<20	0.07	<10	<10	49	<10	49
DD014508		<20	0.06	<10	<10	50	<10	47
DD014509		<20	0.06	<10	<10	48	<10	77
DD014510		<20	0.05	<10	<10	50	<10	61

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CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014511		0.36	0.002	<0.2	1.51	7	<10	190	<0.5	<2	0.35	<0.5	9	23	12	2.29
DD014512		0.12	<0.001	0.3	1.01	14	<10	210	0.5	<2	0.37	1.2	8	21	32	3.65
DD014513		0.24	0.002	0.2	1.00	4	<10	310	<0.5	<2	0.24	0.5	5	16	28	1.45
DD014514		0.62	0.002	<0.2	1.32	7	<10	180	<0.5	<2	0.29	<0.5	5	20	19	1.94
DD014515		0.26	0.002	<0.2	1.49	9	<10	190	<0.5	<2	0.23	<0.5	6	22	15	2.20
DD014516		0.30	0.002	<0.2	1.66	9	<10	290	<0.5	<2	0.29	<0.5	6	25	17	2.54
DD014517		0.28	0.001	<0.2	1.23	7	<10	200	<0.5	<2	0.20	<0.5	3	18	12	1.86
DD014518		0.14	0.006	0.2	1.69	8	<10	470	0.6	<2	0.39	<0.5	5	20	37	2.11
DD014519		0.18	0.001	<0.2	0.74	6	<10	260	<0.5	2	0.16	<0.5	3	12	11	1.44
DD014520		0.28	<0.001	0.2	0.77	7	<10	280	<0.5	<2	0.20	<0.5	3	13	10	1.29
DD014521		0.22	0.004	<0.2	1.03	7	<10	430	<0.5	<2	0.54	<0.5	8	13	24	2.26
DD014522		0.38	0.003	<0.2	1.33	6	<10	300	<0.5	<2	0.37	<0.5	8	23	16	2.33
DD014523		0.46	0.003	<0.2	1.17	7	<10	250	<0.5	<2	0.27	<0.5	6	24	14	2.06
DD014524		0.46	0.005	<0.2	1.63	11	<10	190	0.5	<2	0.19	<0.5	6	22	12	2.33
DD014525		0.34	0.002	<0.2	1.18	23	<10	300	<0.5	<2	0.16	<0.5	6	18	12	1.97
DD014526		0.32	0.002	<0.2	1.03	10	<10	270	<0.5	<2	0.14	<0.5	4	15	12	1.67
DD014527		0.26	0.003	0.4	1.66	9	<10	510	0.6	<2	0.22	0.6	4	25	24	2.06
DD014528		0.14	0.001	<0.2	1.03	9	<10	150	<0.5	<2	0.10	<0.5	4	16	10	1.94
DD014529		0.16	0.004	0.2	1.42	14	<10	190	<0.5	2	0.13	<0.5	6	21	13	2.10
DD014530		0.20	0.003	0.3	1.47	9	<10	330	0.6	<2	0.23	<0.5	5	23	19	1.89
DD014531		0.20	0.006	0.8	1.53	10	<10	490	0.6	<2	0.23	<0.5	6	21	22	2.19
DD014532		0.30	0.001	0.4	1.56	9	<10	660	0.5	<2	0.25	<0.5	7	24	25	1.77
DD014533		0.24	0.019	<0.2	1.62	12	<10	370	<0.5	<2	0.23	<0.5	7	28	12	2.58
DD014534		0.20	0.002	0.2	1.05	6	<10	350	<0.5	<2	0.19	<0.5	5	14	12	1.80
DD014535		0.22	0.007	<0.2	1.41	8	<10	370	0.6	<2	0.27	<0.5	7	21	15	2.47
DD014536		0.34	0.007	<0.2	1.41	7	<10	440	0.5	<2	0.24	<0.5	6	21	14	2.16
DD014537		0.34	0.002	<0.2	1.51	7	<10	630	0.5	<2	0.36	<0.5	6	21	18	2.44
DD014538		0.42	0.002	<0.2	1.24	5	<10	420	0.5	<2	0.31	<0.5	6	19	14	2.13
DD014539		0.18	0.003	<0.2	1.05	2	<10	270	<0.5	<2	0.36	<0.5	4	18	10	1.25
DD014540		0.42	0.002	<0.2	2.02	7	<10	260	0.5	<2	0.41	<0.5	7	30	25	2.10
DD014541		0.18	0.003	<0.2	1.39	9	<10	220	<0.5	<2	0.41	<0.5	5	21	16	1.98
DD014542		0.18	0.003	<0.2	1.07	3	<10	200	<0.5	<2	0.34	<0.5	5	15	16	1.23
DD014543		0.40	0.003	<0.2	1.75	8	<10	260	<0.5	<2	0.41	<0.5	7	27	23	2.13
DD014544		0.20	0.003	<0.2	1.42	10	<10	170	<0.5	<2	0.40	<0.5	6	21	19	2.07
DD014545		0.26	0.003	<0.2	1.51	7	<10	170	<0.5	<2	0.41	<0.5	5	22	18	1.69
DD014546		0.28	0.007	0.2	2.36	28	<10	550	0.8	<2	0.52	0.7	19	41	45	4.44
DD014547		0.26	0.004	<0.2	1.86	11	<10	300	<0.5	<2	0.51	<0.5	7	26	17	2.27
DD014548		0.26	0.003	<0.2	1.27	10	<10	250	<0.5	<2	0.48	<0.5	6	19	17	2.03
DD014549		0.14	0.006	<0.2	0.92	7	<10	170	<0.5	<2	0.38	<0.5	4	14	10	1.52
DD014550		0.28	0.002	<0.2	1.17	4	<10	300	<0.5	<2	0.47	<0.5	6	14	9	2.29

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CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014511		<10	<1	0.06	10	0.43	344	1	0.01	11	740	6	0.03	<2	4	22
DD014512		<10	<1	0.03	20	0.19	335	14	0.02	6	1040	3	0.10	2	4	23
DD014513		<10	<1	0.05	10	0.20	122	1	0.01	7	320	10	0.03	2	1	23
DD014514		<10	<1	0.09	10	0.42	250	1	0.03	15	530	12	0.02	<2	3	21
DD014515		<10	<1	0.08	10	0.43	264	1	0.03	13	290	10	0.01	<2	3	19
DD014516		10	<1	0.10	10	0.47	338	1	0.03	12	340	14	0.02	<2	3	25
DD014517		10	<1	0.07	10	0.29	182	1	0.03	8	140	12	0.01	<2	2	19
DD014518		10	<1	0.09	10	0.27	272	3	0.03	10	820	23	0.05	<2	2	34
DD014519		<10	<1	0.05	10	0.16	115	1	0.03	6	220	20	0.02	2	1	15
DD014520		<10	<1	0.06	10	0.22	114	1	0.04	6	240	10	0.02	<2	2	18
DD014521		<10	<1	0.08	10	0.25	906	2	0.04	7	730	9	0.06	2	4	41
DD014522		<10	1	0.10	10	0.44	310	1	0.04	12	320	12	0.03	<2	4	27
DD014523		<10	<1	0.08	10	0.40	285	1	0.03	13	210	16	0.02	<2	3	22
DD014524		10	1	0.08	10	0.33	323	1	0.03	11	300	22	0.02	<2	3	19
DD014525		<10	<1	0.09	10	0.25	418	1	0.03	10	290	54	0.02	<2	1	16
DD014526		10	<1	0.06	10	0.19	192	1	0.03	7	220	20	0.02	<2	1	17
DD014527		10	<1	0.10	10	0.32	327	2	0.03	13	480	42	0.02	<2	2	20
DD014528		<10	<1	0.05	10	0.16	363	1	0.03	8	340	18	0.02	<2	1	13
DD014529		<10	<1	0.09	10	0.29	414	1	0.02	10	290	29	0.02	2	2	17
DD014530		<10	<1	0.09	10	0.34	468	1	0.03	13	470	31	0.02	<2	3	21
DD014531		<10	<1	0.12	10	0.24	505	3	0.03	10	740	49	0.04	<2	2	23
DD014532		10	<1	0.13	10	0.24	450	2	0.03	12	680	23	0.05	<2	2	28
DD014533		10	<1	0.11	10	0.44	702	1	0.03	13	330	17	0.02	<2	3	21
DD014534		<10	<1	0.09	10	0.19	429	1	0.04	7	540	9	0.03	<2	2	18
DD014535		<10	<1	0.12	20	0.43	523	1	0.03	11	550	13	0.02	<2	4	22
DD014536		<10	<1	0.12	20	0.39	322	1	0.03	11	370	12	0.02	<2	4	20
DD014537		<10	<1	0.13	10	0.38	351	1	0.04	11	580	10	0.04	<2	4	30
DD014538		<10	<1	0.13	20	0.42	226	<1	0.03	9	540	14	0.02	<2	5	22
DD014539		<10	<1	0.06	10	0.35	190	<1	0.03	8	580	6	0.03	<2	2	23
DD014540		10	1	0.08	10	0.55	197	<1	0.04	15	540	11	0.04	<2	5	34
DD014541		<10	<1	0.05	10	0.34	190	1	0.03	9	630	9	0.05	<2	4	29
DD014542		<10	<1	0.04	10	0.25	349	<1	0.03	6	640	6	0.04	<2	3	23
DD014543		10	<1	0.06	10	0.42	304	1	0.04	12	580	11	0.04	<2	5	31
DD014544		<10	<1	0.06	10	0.38	216	<1	0.04	11	590	8	0.03	<2	4	32
DD014545		<10	<1	0.07	10	0.41	166	<1	0.04	11	620	10	0.03	<2	4	31
DD014546		10	<1	0.07	20	0.50	4680	8	0.04	18	1160	17	0.10	<2	6	46
DD014547		10	<1	0.06	10	0.51	542	2	0.04	12	810	17	0.05	<2	4	44
DD014548		<10	<1	0.04	10	0.35	309	1	0.04	9	940	14	0.06	<2	4	45
DD014549		<10	<1	0.05	10	0.29	229	<1	0.03	7	760	12	0.04	<2	3	29
DD014550		<10	<1	0.12	20	0.44	308	<1	0.02	7	670	8	0.02	2	5	28

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VANCOUVER BC V6B 1L8

Finalized Date: 6- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014511		<20	0.05	<10	<10	50	<10	56
DD014512		<20	0.09	<10	10	69	<10	46
DD014513		<20	0.06	<10	<10	42	<10	30
DD014514		<20	0.07	<10	<10	41	<10	56
DD014515		<20	0.09	<10	<10	50	<10	47
DD014516		<20	0.07	<10	<10	58	<10	61
DD014517		<20	0.06	<10	<10	47	<10	43
DD014518		<20	0.03	<10	<10	44	<10	49
DD014519		<20	0.07	<10	<10	44	<10	31
DD014520		<20	0.06	<10	<10	35	<10	32
DD014521		<20	0.05	<10	<10	48	<10	69
DD014522		<20	0.08	<10	<10	51	<10	59
DD014523		<20	0.07	<10	<10	46	<10	51
DD014524		<20	0.05	<10	<10	47	<10	44
DD014525		<20	0.04	<10	<10	42	<10	61
DD014526		<20	0.05	<10	<10	42	<10	32
DD014527		<20	0.03	<10	<10	41	<10	56
DD014528		<20	0.04	<10	<10	44	<10	29
DD014529		<20	0.05	<10	<10	41	<10	51
DD014530		<20	0.05	<10	<10	37	<10	60
DD014531		<20	0.03	<10	<10	43	<10	59
DD014532		<20	0.02	<10	<10	35	<10	54
DD014533		<20	0.07	<10	<10	59	<10	64
DD014534		<20	0.03	<10	<10	37	<10	44
DD014535		<20	0.05	<10	<10	45	<10	59
DD014536		<20	0.05	<10	<10	41	<10	51
DD014537		<20	0.04	<10	<10	46	<10	63
DD014538		20	0.05	<10	<10	41	<10	57
DD014539		<20	0.07	<10	<10	28	<10	44
DD014540		<20	0.09	<10	<10	60	<10	58
DD014541		<20	0.07	<10	<10	48	<10	45
DD014542		<20	0.06	<10	<10	25	<10	46
DD014543		<20	0.09	<10	<10	60	<10	65
DD014544		<20	0.08	<10	<10	49	<10	46
DD014545		<20	0.07	<10	<10	46	<10	49
DD014546		<20	0.06	<10	20	86	<10	147
DD014547		<20	0.06	<10	10	60	<10	62
DD014548		<20	0.05	<10	10	48	<10	69
DD014549		<20	0.04	<10	<10	35	<10	55
DD014550		<20	0.07	<10	<10	51	<10	52

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014551		0.36	0.005	<0.2	0.91	4	<10	290	<0.5	<2	0.43	<0.5	4	11	7	1.80
DD014552		0.28	0.003	0.2	1.35	4	<10	440	0.5	<2	0.64	<0.5	6	15	11	2.43
DD014553		0.22	0.002	0.2	0.91	5	<10	310	<0.5	<2	0.57	<0.5	5	14	9	2.37
DD014554		0.34	0.007	0.3	1.04	6	<10	370	<0.5	<2	0.85	<0.5	7	12	13	2.70
DD014555		0.38	0.002	<0.2	1.47	8	<10	450	0.7	<2	0.70	<0.5	8	20	16	3.28
DD014556		0.30	0.011	0.4	1.43	5	<10	660	0.5	<2	1.08	<0.5	5	26	21	2.08
DD014557		0.38	0.002	0.2	1.48	3	<10	380	0.6	<2	0.65	<0.5	8	19	13	3.07
DD014558		0.32	0.004	0.4	1.94	7	<10	530	0.6	<2	0.83	<0.5	9	31	23	3.37
DD014559		0.22	0.002	<0.2	1.36	5	<10	380	<0.5	<2	1.02	<0.5	6	16	20	2.15
DD014560		0.20	0.003	<0.2	1.45	6	<10	360	<0.5	<2	0.79	<0.5	7	19	19	2.41
DD014561		0.34	0.006	0.4	1.51	8	<10	440	0.5	<2	0.75	<0.5	6	20	27	2.37
DD014562		0.50	0.004	0.9	1.82	10	<10	650	0.6	<2	0.79	<0.5	8	29	64	2.60
DD014563		0.28	0.004	0.3	1.40	8	<10	410	0.5	<2	0.49	<0.5	7	21	27	2.32
DD014564		0.36	0.002	0.4	1.45	9	<10	230	<0.5	<2	0.28	<0.5	8	18	15	2.65
DD014565		0.26	0.004	0.3	1.82	8	<10	340	0.5	<2	0.63	<0.5	11	28	30	2.70
DD014566		0.34	0.007	0.6	2.34	8	<10	470	0.7	<2	0.63	<0.5	12	22	36	3.67
DD014567		0.34	0.002	0.2	2.84	4	<10	270	0.7	<2	0.54	<0.5	10	13	36	3.62
DD014568		0.32	0.002	0.2	2.62	8	<10	240	0.6	<2	0.26	<0.5	10	25	22	3.54
DD014569		0.24	0.002	0.4	2.14	8	<10	180	<0.5	<2	0.21	<0.5	7	25	17	2.88
DD014570		0.38	0.003	<0.2	1.94	7	<10	320	0.5	<2	0.28	<0.5	8	22	26	3.02
DD014571		0.28	0.004	<0.2	1.48	6	<10	390	<0.5	<2	0.44	<0.5	8	20	13	2.78
DD014572		0.38	0.002	<0.2	1.81	5	<10	400	<0.5	<2	0.43	<0.5	11	21	16	3.47
DD014573		0.42	0.003	<0.2	1.48	8	<10	440	<0.5	<2	0.45	<0.5	8	26	18	2.55
DD014574		0.20	0.004	0.3	1.35	4	<10	600	<0.5	<2	0.55	<0.5	5	19	22	2.10
DD014575		0.36	0.002	<0.2	2.04	5	<10	710	0.7	<2	0.57	<0.5	14	9	10	4.69
DD014576		0.22	0.005	0.3	1.61	5	<10	960	0.5	<2	0.90	<0.5	11	25	26	2.75
DD014577		0.28	0.003	0.2	2.08	7	<10	790	0.8	<2	0.69	<0.5	11	23	18	4.29
DD014578		0.34	0.002	0.2	1.55	8	<10	890	0.5	<2	0.60	<0.5	9	19	12	3.84
DD014579		0.20	0.004	0.5	1.73	3	<10	470	0.6	<2	0.46	1.2	5	29	37	1.61
DD014580		0.26	0.004	0.2	1.73	6	<10	310	0.5	<2	0.51	<0.5	9	24	18	3.46
DD014581		0.24	0.003	0.2	2.76	8	<10	200	0.5	<2	0.21	<0.5	14	36	61	3.81
DD014582		0.32	<0.001	0.2	2.61	10	<10	390	0.8	<2	0.25	0.5	17	35	60	4.91
DD014583		0.22	0.003	0.3	1.23	6	<10	570	0.7	<2	0.43	0.6	5	12	21	2.03
DD014584		0.48	0.001	<0.2	1.41	3	<10	720	0.8	<2	0.49	<0.5	12	10	12	4.25
DD014585		0.34	0.002	<0.2	1.19	5	<10	490	0.5	<2	0.37	<0.5	8	13	15	3.58
DD014586		0.34	0.019	<0.2	1.20	5	<10	320	<0.5	2	0.33	<0.5	7	16	19	3.06
DD014587		0.40	0.004	0.2	1.58	7	<10	580	0.5	3	0.42	<0.5	9	19	57	3.42
DD014588		0.26	0.003	0.2	1.62	5	<10	470	<0.5	2	0.33	<0.5	8	16	21	3.07
DD014589		0.36	0.001	<0.2	1.28	3	<10	690	0.8	2	0.51	<0.5	12	8	24	4.20
DD014590		0.40	0.002	<0.2	1.72	5	<10	620	1.0	2	0.43	<0.5	14	11	16	4.62

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014551		<10	<1	0.09	20	0.32	161	<1	0.02	6	670	5	0.03	2	4	23
DD014552		<10	<1	0.13	30	0.49	288	<1	0.02	6	710	9	0.03	<2	6	36
DD014553		<10	<1	0.10	20	0.32	242	1	0.03	6	660	7	0.03	<2	4	31
DD014554		<10	<1	0.12	20	0.40	598	1	0.03	5	740	7	0.05	2	4	50
DD014555		<10	<1	0.13	30	0.57	229	2	0.02	9	890	11	0.04	<2	7	39
DD014556		<10	<1	0.10	30	0.47	223	1	0.02	11	890	5	0.09	2	5	54
DD014557		<10	<1	0.19	20	0.67	428	<1	0.02	8	780	4	0.02	3	8	30
DD014558		<10	<1	0.19	40	0.69	489	2	0.02	16	730	10	0.04	3	10	44
DD014559		<10	<1	0.12	10	0.46	315	<1	0.02	8	580	8	0.05	<2	4	57
DD014560		<10	<1	0.12	10	0.54	400	<1	0.03	11	430	8	0.04	3	4	45
DD014561		<10	<1	0.08	20	0.50	265	1	0.02	10	660	7	0.04	<2	5	42
DD014562		<10	1	0.09	20	0.55	506	1	0.02	16	750	11	0.04	<2	5	46
DD014563		<10	<1	0.09	20	0.48	279	1	0.02	10	510	11	0.02	2	5	30
DD014564		<10	<1	0.13	10	0.52	441	2	0.02	8	240	9	0.01	2	4	20
DD014565		10	<1	0.07	10	0.57	638	1	0.02	14	690	8	0.03	<2	4	45
DD014566		10	<1	0.11	40	0.71	1165	3	0.03	11	660	9	0.03	3	10	44
DD014567		10	<1	0.09	10	1.07	847	<1	0.02	4	440	19	0.01	<2	7	48
DD014568		10	1	0.14	10	0.73	462	<1	0.02	14	360	8	0.01	<2	7	22
DD014569		10	<1	0.08	10	0.49	276	<1	0.02	11	310	6	0.01	<2	5	21
DD014570		<10	<1	0.10	10	0.52	392	<1	0.02	13	370	7	0.01	<2	6	21
DD014571		10	<1	0.09	10	0.57	468	<1	0.02	9	310	8	0.01	2	4	29
DD014572		10	<1	0.09	10	0.69	580	1	0.02	10	370	8	0.02	3	6	33
DD014573		<10	<1	0.07	20	0.51	412	<1	0.02	14	540	7	0.03	2	6	32
DD014574		<10	<1	0.08	10	0.35	214	<1	0.02	10	760	8	0.05	<2	5	38
DD014575		10	<1	0.15	20	1.16	1180	<1	0.02	4	960	10	0.01	<2	11	37
DD014576		<10	<1	0.07	20	0.62	668	<1	0.03	12	960	7	0.05	<2	5	74
DD014577		10	<1	0.13	50	0.74	580	1	0.02	11	840	8	0.03	<2	16	43
DD014578		10	<1	0.14	20	0.63	617	1	0.02	8	1030	8	0.04	4	8	45
DD014579		<10	<1	0.08	20	0.42	209	4	0.02	12	600	23	0.10	2	7	38
DD014580		10	<1	0.20	20	0.69	586	1	0.02	9	550	9	0.02	2	8	41
DD014581		10	<1	0.12	10	1.01	807	2	0.02	16	440	17	0.02	3	9	18
DD014582		10	<1	0.13	20	0.62	869	2	0.02	15	420	70	0.01	6	10	27
DD014583		<10	<1	0.09	20	0.31	796	3	0.02	5	620	16	0.06	3	7	35
DD014584		<10	<1	0.22	20	0.52	774	1	0.02	5	960	9	0.01	2	13	29
DD014585		<10	<1	0.13	10	0.47	638	1	0.02	6	470	8	0.01	2	8	30
DD014586		<10	<1	0.13	20	0.49	455	1	0.02	10	570	9	0.02	<2	7	23
DD014587		10	<1	0.13	20	0.59	592	1	0.02	10	460	27	0.03	3	10	30
DD014588		10	<1	0.13	10	0.44	571	1	0.02	9	450	11	0.03	<2	6	25
DD014589		<10	<1	0.10	20	0.34	1140	1	0.01	5	580	11	0.03	3	11	32
DD014590		<10	<1	0.17	30	0.55	1025	<1	0.02	7	860	11	0.02	3	15	25

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014551		<20	0.07	<10	<10	46	<10	37
DD014552		<20	0.08	<10	<10	61	<10	55
DD014553		<20	0.07	<10	<10	67	<10	43
DD014554		<20	0.06	<10	<10	54	<10	49
DD014555		<20	0.08	<10	<10	74	<10	65
DD014556		<20	0.06	<10	<10	48	<10	51
DD014557		<20	0.11	<10	<10	72	<10	52
DD014558		<20	0.09	<10	<10	80	<10	64
DD014559		<20	0.06	<10	<10	48	<10	46
DD014560		<20	0.09	<10	<10	56	<10	47
DD014561		<20	0.06	<10	<10	53	<10	40
DD014562		<20	0.06	<10	<10	57	<10	46
DD014563		<20	0.06	<10	<10	52	<10	41
DD014564		<20	0.07	<10	<10	56	<10	48
DD014565		<20	0.07	<10	<10	64	<10	51
DD014566		<20	0.10	<10	<10	89	<10	53
DD014567		<20	0.02	<10	<10	74	<10	63
DD014568		<20	0.11	<10	<10	78	<10	60
DD014569		<20	0.09	<10	<10	67	<10	40
DD014570		<20	0.08	<10	<10	64	<10	48
DD014571		<20	0.09	<10	<10	75	<10	42
DD014572		<20	0.10	<10	<10	80	<10	55
DD014573		<20	0.07	<10	<10	58	<10	44
DD014574		<20	0.03	<10	<10	49	<10	42
DD014575		20	0.08	<10	<10	96	<10	75
DD014576		<20	0.07	<10	<10	66	<10	46
DD014577		<20	0.06	<10	<10	85	<10	66
DD014578		<20	0.10	<10	<10	90	<10	91
DD014579		<20	0.05	<10	<10	64	<10	81
DD014580		<20	0.08	<10	<10	72	<10	63
DD014581		<20	0.10	<10	<10	91	<10	75
DD014582		<20	0.03	<10	<10	84	<10	117
DD014583		<20	0.03	<10	<10	59	<10	64
DD014584		20	0.09	<10	<10	80	<10	62
DD014585		<20	0.09	<10	<10	73	<10	60
DD014586		<20	0.08	<10	<10	62	<10	59
DD014587		<20	0.09	<10	<10	71	<10	70
DD014588		<20	0.07	<10	<10	61	<10	60
DD014589		<20	0.02	<10	<10	67	<10	65
DD014590		<20	0.08	<10	<10	91	<10	74

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014591		0.36	0.004	0.3	2.55	10	<10	370	0.7	3	0.22	<0.5	10	23	19	3.38
DD014592		0.34	0.002	0.2	2.49	6	<10	340	0.7	3	0.24	<0.5	10	20	19	3.44
DD014593		0.32	0.006	0.2	1.46	7	<10	210	<0.5	2	0.19	<0.5	6	16	15	2.65
DD014594		0.32	0.005	<0.2	1.65	8	<10	210	<0.5	3	0.24	<0.5	8	20	16	3.01
DD014595		0.28	0.004	0.2	1.26	2	<10	340	<0.5	2	0.58	<0.5	6	11	17	1.80
DD014596		0.34	0.002	<0.2	1.53	7	<10	380	<0.5	2	0.64	<0.5	10	19	19	3.10
DD014597		0.36	0.005	0.4	2.06	8	<10	530	0.6	2	0.94	<0.5	9	22	27	3.16
DD014598		0.30	0.005	0.3	1.43	4	<10	570	<0.5	2	1.47	<0.5	7	17	34	2.18
DD014599		0.30	0.001	0.3	1.65	6	<10	540	0.6	2	0.71	<0.5	10	18	20	3.12
DD014600		0.24	0.003	0.2	1.64	6	<10	460	0.5	3	0.55	<0.5	11	17	17	3.26
DD014641		0.40	0.003	<0.2	1.52	8	<10	470	<0.5	2	0.29	<0.5	8	20	20	2.87
DD014642		0.36	0.002	0.3	1.59	7	<10	990	0.6	2	0.65	<0.5	12	21	28	3.36
DD014643		0.28	0.004	0.2	0.98	5	<10	480	0.6	2	0.55	<0.5	7	13	23	2.24
DD014644		0.28	0.002	<0.2	0.96	4	<10	230	<0.5	2	0.30	<0.5	6	14	10	2.37
DD014645		0.26	0.002	0.2	1.44	8	<10	400	0.5	2	0.70	<0.5	8	19	19	3.02
DD014646		0.34	<0.001	<0.2	1.45	6	<10	490	0.7	2	0.65	<0.5	13	11	16	4.60
DD014647		0.38	0.002	<0.2	0.99	6	<10	380	0.9	2	0.98	<0.5	8	8	16	3.43
DD014648		0.28	0.002	0.2	1.24	5	<10	340	<0.5	2	0.50	<0.5	10	20	20	2.30
DD014649		0.16	0.005	0.5	1.94	4	<10	880	0.8	3	1.10	<0.5	10	23	30	2.97
DD014650		0.22	0.007	0.4	1.88	5	<10	640	0.8	2	0.91	<0.5	7	22	28	2.76

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CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014591		10	<1	0.11	20	0.59	399	<1	0.02	14	390	16	0.03	<2	7	21
DD014592		10	<1	0.12	20	0.50	414	<1	0.02	12	410	10	0.03	2	8	23
DD014593		10	<1	0.08	10	0.36	291	1	0.02	7	220	13	0.02	<2	4	19
DD014594		10	1	0.08	10	0.44	440	1	0.02	10	360	11	0.02	<2	4	22
DD014595		<10	<1	0.08	20	0.29	387	1	0.04	7	580	5	0.04	<2	5	31
DD014596		<10	<1	0.10	20	0.66	512	4	0.03	7	780	12	0.04	<2	6	34
DD014597		10	<1	0.11	30	0.71	410	1	0.02	11	720	12	0.06	2	7	61
DD014598		<10	<1	0.09	10	0.44	394	1	0.03	11	890	8	0.09	<2	4	74
DD014599		10	<1	0.10	30	0.64	438	<1	0.03	9	750	20	0.05	<2	6	43
DD014600		10	<1	0.16	20	0.72	611	<1	0.02	8	480	17	0.04	2	7	34
DD014641		<10	<1	0.09	10	0.44	300	<1	0.02	12	310	8	0.03	<2	5	22
DD014642		<10	<1	0.13	20	0.57	510	1	0.03	12	720	10	0.06	2	9	54
DD014643		<10	1	0.09	20	0.30	365	<1	0.03	7	470	15	0.06	2	7	36
DD014644		10	<1	0.13	10	0.48	304	<1	0.02	5	300	7	0.03	2	3	21
DD014645		<10	<1	0.15	10	0.51	402	1	0.02	9	480	12	0.05	2	11	40
DD014646		10	<1	0.19	20	0.71	897	1	0.03	4	980	8	0.03	3	10	31
DD014647		<10	<1	0.14	20	0.23	733	2	0.02	4	630	8	0.06	<2	10	46
DD014648		<10	<1	0.11	10	0.43	444	<1	0.03	10	290	9	0.04	<2	3	33
DD014649		10	<1	0.13	50	0.57	798	1	0.03	12	1360	9	0.10	<2	8	62
DD014650		10	<1	0.17	40	0.54	320	<1	0.02	12	690	12	0.07	<2	15	47

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CERTIFICATE OF ANALYSIS WH11182379

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD014591		<20	0.06	<10	<10	72	<10	50
DD014592		<20	0.06	<10	<10	73	<10	48
DD014593		<20	0.09	<10	<10	72	<10	36
DD014594		<20	0.06	<10	<10	66	<10	45
DD014595		<20	0.05	<10	<10	42	<10	32
DD014596		<20	0.11	<10	<10	74	<10	53
DD014597		<20	0.07	<10	10	71	<10	59
DD014598		<20	0.04	<10	<10	48	<10	50
DD014599		<20	0.06	<10	<10	69	<10	56
DD014600		<20	0.09	<10	<10	70	<10	59
DD014641		<20	0.05	<10	<10	57	<10	44
DD014642		<20	0.07	<10	<10	73	<10	55
DD014643		<20	0.04	<10	<10	49	<10	53
DD014644		<20	0.10	<10	<10	64	<10	46
DD014645		<20	0.05	<10	<10	61	<10	74
DD014646		<20	0.16	<10	<10	95	<10	84
DD014647		<20	0.02	<10	<10	63	<10	68
DD014648		<20	0.09	<10	<10	58	<10	53
DD014649		<20	0.07	<10	<10	65	<10	49
DD014650		<20	0.05	<10	<10	66	<10	50

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Finalized Date: 3- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11182410

Project: Klaza

P.O. No.:

This report is for 130 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014661		0.36	0.002	0.3	0.91	8	<10	620	0.8	2	0.44	<0.5	9	10	21	2.91
DD014662		0.32	0.002	<0.2	1.30	6	<10	390	<0.5	2	0.50	<0.5	9	13	14	2.74
DD014663		0.38	0.004	0.2	1.43	6	<10	500	0.5	2	0.60	<0.5	8	19	25	2.99
DD014664		0.28	0.002	0.2	1.66	6	<10	440	0.7	<2	0.60	<0.5	11	17	21	3.95
DD014665		0.32	0.009	<0.2	1.52	8	<10	330	0.5	<2	0.46	<0.5	11	16	19	3.26
DD014666		0.24	0.002	0.2	1.64	6	<10	750	0.8	2	1.35	<0.5	10	19	41	2.76
DD014667		0.30	0.005	0.2	1.41	6	<10	340	0.6	2	0.64	<0.5	7	21	27	2.51
DD014668		0.32	0.002	<0.2	1.56	9	<10	400	<0.5	2	0.65	<0.5	9	19	17	2.67
DD014669		0.28	0.002	<0.2	1.64	7	<10	380	<0.5	<2	0.43	<0.5	9	26	15	2.68
DD014670		0.32	0.002	0.2	1.70	8	<10	480	0.5	<2	0.63	<0.5	9	20	19	2.87
DD014681		0.16	0.005	0.6	2.23	24	<10	370	0.7	2	0.64	0.9	7	27	69	2.82
DD014682		0.30	0.001	<0.2	0.98	4	<10	110	<0.5	2	0.34	<0.5	5	17	10	1.31
DD014683		0.22	0.004	<0.2	1.52	5	<10	280	<0.5	<2	0.38	<0.5	6	24	21	1.55
DD014684		0.28	0.004	<0.2	1.52	7	<10	300	<0.5	2	0.39	0.6	6	24	26	1.60
DD014685		0.28	0.004	<0.2	1.21	5	<10	190	<0.5	<2	0.34	<0.5	4	18	14	1.62
DD014686		0.28	0.005	0.3	1.50	<2	<10	200	0.5	<2	0.50	0.8	4	23	38	1.05
DD014687		0.24	0.002	0.2	1.65	4	<10	310	<0.5	2	0.40	0.5	5	24	32	1.68
DD014688		0.18	0.004	<0.2	1.62	2	<10	300	<0.5	3	0.45	<0.5	5	24	26	1.60
DD014689		0.30	0.004	0.2	2.16	10	<10	410	0.6	2	0.42	0.7	8	30	36	2.33
DD014690		0.34	0.002	0.3	2.12	7	<10	720	0.8	3	0.82	<0.5	9	23	59	3.77
DD014701		0.22	0.002	<0.2	1.62	4	<10	250	<0.5	<2	0.36	<0.5	7	16	17	2.78
DD014702		0.28	0.004	<0.2	1.50	6	<10	180	<0.5	<2	0.37	<0.5	6	18	17	2.42
DD014703		0.26	0.003	<0.2	1.55	8	<10	200	<0.5	<2	0.40	0.6	8	20	32	2.65
DD014704		0.22	0.002	<0.2	1.02	5	<10	130	<0.5	<2	0.41	<0.5	7	22	14	2.68
DD014705		0.14	0.008	0.2	1.96	13	<10	260	0.6	<2	0.37	<0.5	14	30	28	4.13
DD014706		0.28	0.003	<0.2	1.74	3	<10	150	<0.5	<2	0.33	<0.5	5	21	11	1.74
DD014707		0.28	0.004	<0.2	1.79	4	<10	170	<0.5	<2	0.35	<0.5	17	22	18	2.90
DD014708		0.26	0.002	<0.2	1.50	4	<10	140	<0.5	<2	0.31	<0.5	8	20	12	1.87
DD014709		0.34	0.003	<0.2	1.75	7	<10	150	<0.5	<2	0.29	<0.5	6	22	15	2.02
DD014710		0.22	0.004	<0.2	1.85	3	<10	170	<0.5	<2	0.32	<0.5	5	24	14	1.57
DD014721		0.24	0.007	<0.2	1.14	4	<10	110	<0.5	<2	0.38	<0.5	6	16	11	2.02
DD014722		0.20	0.005	<0.2	1.36	3	<10	110	<0.5	<2	0.29	<0.5	5	21	15	1.73
DD014723		0.20	0.003	<0.2	1.54	5	<10	140	<0.5	<2	0.30	<0.5	5	22	15	1.61
DD014724		0.26	0.001	<0.2	1.51	7	<10	140	<0.5	<2	0.30	<0.5	6	22	14	2.15
DD014725		0.22	0.002	<0.2	1.57	3	<10	140	<0.5	<2	0.31	<0.5	6	22	11	1.77
DD014726		0.26	0.003	<0.2	1.02	2	<10	120	<0.5	<2	0.33	<0.5	4	17	10	1.42
DD014727		0.28	0.006	<0.2	1.16	2	<10	140	<0.5	<2	0.35	<0.5	4	18	9	1.57
DD014728		0.14	0.002	<0.2	1.17	<2	<10	220	<0.5	<2	0.33	<0.5	5	19	15	1.72
DD014729		0.20	0.003	<0.2	1.46	2	<10	160	<0.5	<2	0.26	<0.5	6	23	10	2.08
DD014730		0.20	0.003	<0.2	1.20	<2	<10	200	<0.5	<2	0.40	<0.5	5	21	16	1.47

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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014661		<10	<1	0.12	20	0.25	202	3	0.02	4	660	22	0.04	4	8	30
DD014662		<10	1	0.09	10	0.60	458	2	0.03	6	490	22	0.02	2	5	32
DD014663		<10	<1	0.10	20	0.44	653	1	0.02	10	580	10	0.02	<2	7	33
DD014664		10	<1	0.12	20	0.69	740	1	0.03	8	620	13	0.02	<2	15	33
DD014665		<10	<1	0.16	10	0.56	865	1	0.02	9	350	12	0.02	<2	7	28
DD014666		<10	<1	0.10	30	0.48	437	1	0.03	12	930	9	0.10	<2	9	73
DD014667		<10	<1	0.12	20	0.51	230	<1	0.02	13	500	10	0.03	<2	7	31
DD014668		<10	<1	0.11	10	0.56	461	<1	0.03	9	380	10	0.03	<2	5	35
DD014669		10	<1	0.12	10	0.55	377	1	0.03	12	310	8	0.02	<2	4	26
DD014670		<10	<1	0.14	20	0.60	457	<1	0.03	10	610	9	0.03	<2	7	30
DD014681		<10	<1	0.08	30	0.25	244	1	0.04	16	1130	14	0.17	<2	6	77
DD014682		<10	<1	0.07	10	0.35	187	<1	0.03	8	530	7	0.01	<2	3	23
DD014683		<10	<1	0.07	10	0.38	285	1	0.03	11	620	11	0.09	<2	4	28
DD014684		<10	<1	0.06	10	0.36	303	1	0.03	11	650	11	0.12	<2	4	30
DD014685		<10	<1	0.05	10	0.29	138	<1	0.02	9	630	10	0.04	<2	3	24
DD014686		<10	<1	0.07	20	0.34	139	<1	0.02	12	640	16	0.09	<2	5	37
DD014687		10	<1	0.07	20	0.35	226	<1	0.02	11	640	12	0.10	<2	4	32
DD014688		<10	<1	0.07	10	0.36	385	1	0.02	10	750	13	0.08	2	4	34
DD014689		10	<1	0.09	20	0.49	397	1	0.02	13	710	20	0.08	2	7	34
DD014690		10	<1	0.11	20	0.74	434	1	0.02	11	640	15	0.05	2	11	60
DD014701		10	<1	0.24	10	0.81	804	<1	0.02	9	530	15	0.02	<2	6	25
DD014702		<10	<1	0.12	10	0.57	402	1	0.02	10	530	12	0.02	<2	5	26
DD014703		<10	<1	0.16	20	0.61	652	1	0.02	11	480	30	0.02	3	6	24
DD014704		<10	<1	0.08	10	0.41	510	1	0.02	9	680	19	0.02	2	2	27
DD014705		<10	<1	0.07	20	0.33	493	2	0.02	10	1900	11	0.08	2	6	37
DD014706		<10	<1	0.10	10	0.46	174	<1	0.02	11	490	11	0.01	<2	4	25
DD014707		<10	<1	0.11	20	0.40	866	<1	0.02	11	710	12	0.03	2	5	29
DD014708		<10	<1	0.10	10	0.42	321	<1	0.02	11	570	9	0.01	<2	3	23
DD014709		<10	<1	0.11	10	0.46	179	<1	0.02	11	550	12	0.02	<2	5	23
DD014710		10	<1	0.09	10	0.51	228	<1	0.02	11	810	13	0.04	<2	3	28
DD014721		<10	<1	0.10	10	0.45	328	<1	0.02	8	740	8	0.03	<2	3	22
DD014722		<10	<1	0.08	20	0.38	380	<1	0.02	9	770	7	0.03	<2	3	18
DD014723		<10	<1	0.08	10	0.44	150	<1	0.02	12	690	7	0.02	<2	4	20
DD014724		<10	<1	0.07	10	0.43	223	<1	0.01	11	660	7	0.02	<2	3	20
DD014725		<10	<1	0.07	10	0.45	168	<1	0.02	11	640	7	0.02	<2	3	22
DD014726		<10	<1	0.10	10	0.40	150	<1	0.02	8	580	6	0.01	<2	3	19
DD014727		<10	<1	0.08	10	0.39	227	<1	0.02	9	580	7	0.02	<2	3	22
DD014728		<10	1	0.05	10	0.28	268	<1	0.02	8	680	8	0.04	<2	3	24
DD014729		<10	1	0.06	10	0.39	197	<1	0.01	11	470	8	0.02	<2	3	18
DD014730		<10	<1	0.06	20	0.38	186	2	0.02	10	640	7	0.04	<2	4	26

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD014661		<20	0.02	<10	<10	82	<10	57
DD014662		<20	0.08	<10	<10	65	<10	60
DD014663		<20	0.05	<10	<10	61	<10	56
DD014664		<20	0.09	<10	<10	86	<10	65
DD014665		<20	0.10	<10	<10	71	<10	54
DD014666		<20	0.05	<10	<10	56	<10	56
DD014667		<20	0.07	<10	<10	55	<10	48
DD014668		<20	0.09	<10	<10	62	<10	52
DD014669		<20	0.11	<10	<10	67	<10	54
DD014670		<20	0.10	<10	<10	69	<10	52
DD014681		<20	0.05	<10	<10	64	<10	52
DD014682		<20	0.08	<10	<10	37	<10	41
DD014683		<20	0.07	<10	10	50	<10	77
DD014684		<20	0.06	<10	10	49	<10	81
DD014685		<20	0.05	<10	<10	39	<10	51
DD014686		<20	0.06	<10	10	31	<10	53
DD014687		<20	0.07	<10	10	55	<10	72
DD014688		<20	0.06	<10	<10	42	<10	75
DD014689		<20	0.06	<10	10	68	<10	105
DD014690		<20	0.07	<10	<10	97	<10	59
DD014701		<20	0.16	<10	<10	69	<10	102
DD014702		<20	0.10	<10	<10	52	<10	77
DD014703		<20	0.10	<10	<10	59	<10	101
DD014704		<20	0.07	<10	<10	73	<10	72
DD014705		<20	0.06	<10	<10	68	<10	44
DD014706		<20	0.09	<10	<10	48	<10	51
DD014707		<20	0.08	<10	<10	58	<10	51
DD014708		<20	0.08	<10	<10	41	<10	44
DD014709		<20	0.08	<10	<10	49	<10	51
DD014710		<20	0.08	<10	<10	40	<10	56
DD014721		<20	0.08	<10	<10	53	<10	45
DD014722		<20	0.07	<10	<10	46	<10	40
DD014723		<20	0.07	<10	<10	45	<10	47
DD014724		<20	0.07	<10	<10	45	<10	50
DD014725		<20	0.07	<10	<10	41	<10	47
DD014726		<20	0.08	<10	<10	34	<10	45
DD014727		<20	0.07	<10	<10	38	<10	48
DD014728		<20	0.05	<10	<10	33	<10	35
DD014729		<20	0.07	<10	<10	39	<10	46
DD014730		<20	0.07	<10	<10	40	<10	58

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VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014731		0.18	0.003	<0.2	1.11	<2	<10	180	<0.5	<2	0.30	<0.5	3	18	11	1.01
DD014732		0.30	0.002	<0.2	1.81	8	<10	240	<0.5	<2	0.32	<0.5	11	20	17	2.95
DD014733		0.22	0.002	<0.2	2.05	8	<10	350	<0.5	2	0.40	0.5	9	24	28	3.10
DD014734		0.18	0.002	<0.2	0.95	2	<10	110	<0.5	<2	0.17	<0.5	3	12	18	1.55
DD014735		0.26	0.003	<0.2	1.57	6	<10	250	0.5	<2	0.26	<0.5	6	23	23	2.18
DD014736		0.32	0.001	<0.2	1.49	5	<10	230	<0.5	2	0.30	<0.5	8	18	16	2.40
DD014737		0.26	0.007	<0.2	1.49	4	<10	250	<0.5	<2	0.34	<0.5	7	24	17	2.52
DD014738		0.30	0.001	<0.2	1.54	6	<10	300	<0.5	<2	0.34	<0.5	8	21	17	2.47
DD014739		0.28	0.003	<0.2	1.10	6	<10	190	<0.5	<2	0.28	<0.5	6	16	14	2.57
DD014740		0.30	0.004	<0.2	1.81	6	<10	390	0.5	<2	0.42	<0.5	9	29	30	2.79
DD014741		0.32	0.002	<0.2	1.49	7	<10	330	0.5	<2	0.33	<0.5	10	16	23	3.00
DD014742		0.18	0.003	0.6	1.61	14	<10	510	0.9	<2	0.50	<0.5	22	15	25	3.83
DD014743		0.22	0.001	0.2	1.66	14	<10	370	0.5	<2	0.33	<0.5	7	20	22	2.37
DD014744		0.26	0.002	<0.2	1.24	6	<10	250	<0.5	<2	0.37	<0.5	7	18	10	2.23
DD014745		0.22	0.003	0.2	0.88	27	<10	470	0.5	<2	0.11	<0.5	5	14	12	1.96
DD014746		0.24	0.002	<0.2	2.03	14	<10	240	0.5	<2	0.19	<0.5	6	23	14	2.76
DD014747		0.24	0.004	<0.2	1.96	11	<10	330	0.8	<2	0.17	<0.5	6	23	17	2.45
DD014748		0.16	0.001	0.5	2.05	9	<10	1430	1.2	<2	0.30	0.6	3	20	33	2.30
DD014749		0.22	0.002	<0.2	1.16	7	<10	280	<0.5	<2	0.14	<0.5	3	18	10	1.94
DD014750		0.20	0.002	<0.2	1.22	7	<10	170	<0.5	2	0.16	<0.5	4	15	11	2.02
DD014761		0.26	0.003	0.2	0.75	11	<10	180	<0.5	<2	0.38	<0.5	6	14	9	2.15
DD014762		0.24	0.008	0.2	1.52	10	<10	300	<0.5	<2	0.62	<0.5	7	23	22	2.12
DD014763		0.22	<0.001	<0.2	0.37	14	<10	70	<0.5	<2	0.23	<0.5	4	2	8	3.73
DD014764		0.20	0.004	0.2	1.72	6	<10	330	<0.5	<2	0.51	<0.5	6	27	26	1.58
DD014765		0.28	0.004	0.2	1.58	8	<10	270	<0.5	2	0.37	<0.5	6	23	18	1.73
DD014766		0.18	0.003	0.2	1.65	13	<10	360	0.6	<2	0.37	0.9	7	23	55	2.00
DD014767		0.16	0.002	0.4	2.27	27	<10	650	0.6	2	0.40	0.8	20	27	22	8.05
DD014768		0.20	0.004	0.3	1.54	5	<10	280	<0.5	<2	0.43	<0.5	5	20	25	1.43
DD014769		0.42	0.003	0.2	1.82	7	<10	290	0.5	2	0.47	0.5	7	27	26	1.63
DD014770		0.18	0.002	0.2	1.24	6	<10	190	<0.5	<2	0.39	0.6	5	17	25	1.21
DD014771		0.20	0.003	0.7	2.63	4	<10	1090	1.8	<2	0.66	<0.5	6	19	37	2.39
DD014772		0.24	<0.001	<0.2	1.30	5	<10	450	<0.5	2	0.31	<0.5	8	13	10	2.81
DD014773		0.30	<0.001	<0.2	0.83	7	<10	280	<0.5	<2	0.28	<0.5	6	15	9	2.13
DD014774		0.22	<0.001	0.2	1.44	6	<10	530	0.6	<2	0.57	<0.5	9	38	22	2.77
DD014775		0.30	0.001	<0.2	1.43	8	<10	500	0.7	<2	0.59	<0.5	13	47	25	3.21
DD014776		0.14	0.002	<0.2	1.53	2	<10	520	0.5	<2	0.51	<0.5	7	34	37	1.70
DD014777		0.24	0.001	0.2	1.52	4	<10	490	<0.5	2	0.50	<0.5	6	20	24	2.27
DD014778		0.20	<0.001	0.2	1.48	8	<10	1000	0.8	<2	0.69	0.6	7	22	31	2.73
DD014779		0.32	<0.001	<0.2	2.41	10	<10	490	0.8	<2	0.37	<0.5	19	15	13	6.27
DD014780		0.30	<0.001	<0.2	1.66	9	<10	370	<0.5	2	0.27	<0.5	9	19	19	2.88

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014731		<10	<1	0.05	10	0.29	127	<1	0.01	8	510	6	0.03	<2	3	20
DD014732		10	<1	0.14	10	0.54	465	2	0.02	12	500	17	0.01	2	5	25
DD014733		10	<1	0.13	10	0.62	857	2	0.02	12	550	26	0.02	2	5	33
DD014734		<10	<1	0.06	10	0.17	200	1	0.02	6	390	8	0.01	<2	1	16
DD014735		<10	<1	0.09	10	0.39	338	1	0.02	13	470	10	0.01	<2	4	19
DD014736		<10	<1	0.10	10	0.42	501	1	0.02	10	550	13	0.01	<2	4	22
DD014737		<10	<1	0.09	10	0.57	388	1	0.02	12	420	10	<0.01	<2	5	24
DD014738		10	<1	0.09	10	0.49	617	1	0.02	10	490	8	0.01	<2	5	24
DD014739		<10	<1	0.08	10	0.38	260	1	0.02	8	500	7	<0.01	<2	3	18
DD014740		<10	<1	0.11	20	0.59	531	1	0.02	15	800	8	0.02	2	6	27
DD014741		10	<1	0.11	20	0.50	495	3	0.01	13	620	14	0.02	2	6	24
DD014742		<10	<1	0.09	30	0.28	3390	3	0.02	10	790	12	0.06	2	11	40
DD014743		10	<1	0.10	10	0.40	279	2	0.01	11	330	13	0.02	2	5	25
DD014744		<10	<1	0.09	10	0.44	424	1	0.02	7	550	11	0.03	<2	5	23
DD014745		<10	<1	0.11	20	0.15	995	2	<0.01	6	360	140	0.03	3	1	16
DD014746		10	<1	0.11	10	0.32	307	2	<0.01	11	340	24	0.02	<2	3	20
DD014747		10	<1	0.09	10	0.31	423	1	0.01	10	360	22	0.02	<2	3	16
DD014748		10	<1	0.17	10	0.17	209	3	<0.01	9	1390	26	0.10	2	2	34
DD014749		10	<1	0.06	10	0.22	174	1	0.01	6	330	13	0.03	<2	2	14
DD014750		10	<1	0.07	10	0.24	384	1	0.01	8	270	36	0.02	2	2	17
DD014761		<10	<1	0.06	10	0.28	483	1	0.01	6	860	24	0.02	<2	3	26
DD014762		<10	<1	0.05	20	0.42	575	1	0.02	11	880	16	0.05	<2	4	67
DD014763		<10	<1	0.02	<10	0.04	260	1	0.03	2	560	2	0.04	<2	<1	19
DD014764		10	<1	0.07	10	0.46	207	1	0.02	12	570	14	0.11	2	5	45
DD014765		<10	<1	0.06	10	0.38	311	1	0.02	10	640	12	0.05	<2	4	29
DD014766		<10	<1	0.06	20	0.36	352	5	0.02	12	610	12	0.14	<2	4	34
DD014767		10	<1	0.09	20	0.57	2640	4	0.02	15	610	21	0.10	<2	7	37
DD014768		<10	<1	0.06	10	0.36	707	1	0.02	10	600	12	0.09	2	4	35
DD014769		10	<1	0.08	20	0.46	197	1	0.02	12	580	17	0.09	<2	6	39
DD014770		<10	<1	0.08	10	0.29	243	2	0.02	8	640	11	0.07	<2	3	29
DD014771		10	1	0.09	170	0.27	372	1	0.02	10	1540	9	0.10	<2	11	46
DD014772		10	<1	0.13	20	0.47	500	1	0.01	6	560	7	0.02	<2	6	20
DD014773		<10	<1	0.08	10	0.32	264	<1	0.01	7	340	6	0.02	<2	3	18
DD014774		<10	<1	0.10	30	0.56	393	1	0.02	22	1060	11	0.03	<2	10	36
DD014775		<10	<1	0.07	30	0.47	602	2	0.02	25	1050	10	0.05	<2	9	52
DD014776		<10	<1	0.07	20	0.39	209	<1	0.02	18	930	9	0.09	<2	5	43
DD014777		10	<1	0.08	20	0.41	195	1	0.01	9	740	14	0.06	<2	6	32
DD014778		<10	<1	0.09	30	0.35	145	1	0.01	12	650	12	0.13	4	12	42
DD014779		10	<1	0.19	20	0.72	776	2	0.01	7	590	14	0.02	2	15	29
DD014780		10	<1	0.13	10	0.48	593	1	0.01	10	330	10	0.02	<2	5	24

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014731		<20	0.06	<10	<10	28	<10	40
DD014732		<20	0.09	<10	<10	62	<10	85
DD014733		<20	0.09	<10	<10	68	<10	94
DD014734		<20	0.05	<10	<10	41	<10	39
DD014735		<20	0.07	<10	<10	49	<10	56
DD014736		<20	0.08	<10	<10	59	<10	62
DD014737		<20	0.11	<10	<10	62	<10	61
DD014738		<20	0.09	<10	<10	63	<10	49
DD014739		<20	0.09	<10	<10	58	<10	44
DD014740		<20	0.10	<10	<10	62	<10	59
DD014741		<20	0.07	<10	<10	66	<10	71
DD014742		<20	0.03	<10	<10	58	<10	52
DD014743		<20	0.04	<10	<10	56	<10	52
DD014744		<20	0.08	<10	<10	61	<10	65
DD014745		<20	0.02	<10	<10	36	<10	84
DD014746		<20	0.03	<10	<10	59	<10	58
DD014747		<20	0.03	<10	<10	53	<10	47
DD014748		<20	0.01	<10	<10	34	<10	73
DD014749		<20	0.06	<10	<10	53	<10	31
DD014750		<20	0.04	<10	<10	46	<10	53
DD014761		<20	0.05	<10	<10	53	<10	65
DD014762		<20	0.05	<10	10	47	<10	80
DD014763		<20	0.04	<10	<10	28	<10	15
DD014764		<20	0.08	<10	20	56	<10	67
DD014765		<20	0.07	<10	10	56	<10	58
DD014766		<20	0.06	<10	20	64	<10	78
DD014767		<20	0.07	<10	10	76	<10	175
DD014768		<20	0.06	<10	10	43	<10	83
DD014769		<20	0.08	<10	20	59	<10	80
DD014770		<20	0.05	<10	10	48	<10	51
DD014771		<20	0.02	<10	<10	57	<10	35
DD014772		<20	0.06	<10	<10	64	<10	50
DD014773		<20	0.06	<10	<10	50	<10	42
DD014774		<20	0.04	<10	<10	67	<10	59
DD014775		<20	0.05	<10	<10	75	<10	62
DD014776		<20	0.05	<10	<10	46	<10	52
DD014777		<20	0.06	<10	<10	53	<10	63
DD014778		<20	0.03	<10	10	76	<10	86
DD014779		<20	0.06	<10	<10	114	<10	88
DD014780		<20	0.09	<10	<10	73	<10	53

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VANCOUVER BC V6B 1L8

Finalized Date: 3- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014811		0.20	0.002	0.4	2.35	9	<10	910	0.7	<2	0.53	0.8	15	24	44	3.63
DD014812		0.24	0.002	0.3	1.30	27	<10	530	0.9	2	0.28	2.3	13	9	146	4.27
DD014813		0.28	0.001	<0.2	2.24	10	<10	410	0.6	<2	0.29	<0.5	10	23	28	3.28
DD014814		0.20	0.002	0.2	2.50	10	<10	170	0.5	<2	0.22	<0.5	10	28	15	2.90
DD014815		0.22	0.014	0.3	2.76	9	<10	220	0.5	<2	0.19	<0.5	14	25	20	3.38
DD014816		0.22	<0.001	<0.2	2.98	8	<10	690	0.6	<2	0.27	<0.5	15	18	22	4.55
DD014817		0.22	<0.001	0.2	1.88	7	<10	410	0.5	<2	0.23	<0.5	10	21	18	3.50
DD014818		0.24	0.002	<0.2	1.83	10	<10	180	<0.5	<2	0.23	<0.5	7	30	12	3.38
DD014819		0.26	0.003	<0.2	1.34	7	<10	230	<0.5	<2	0.21	<0.5	6	19	14	2.39
DD014820		0.22	0.001	<0.2	1.99	11	<10	300	<0.5	<2	0.30	<0.5	9	26	19	3.26
DD014821		0.22	<0.001	0.2	1.58	2	<10	470	<0.5	<2	0.39	<0.5	5	12	16	2.06
DD014822		0.22	<0.001	<0.2	1.79	5	<10	510	0.6	<2	0.55	<0.5	9	23	17	3.22
DD014823		0.24	<0.001	0.3	2.11	6	<10	700	0.8	<2	0.81	<0.5	11	24	24	3.50
DD014824		0.26	<0.001	<0.2	1.66	5	<10	480	0.5	<2	0.50	<0.5	11	22	13	3.13
DD014825		0.20	0.001	0.2	1.86	4	<10	580	0.5	<2	0.97	<0.5	10	21	16	3.49
DD014826		0.22	0.001	0.2	1.67	2	<10	580	0.5	<2	1.01	<0.5	12	17	21	3.04
DD014827		0.24	<0.001	<0.2	1.90	7	<10	470	0.6	<2	0.74	<0.5	11	19	19	3.53
DD014828		0.22	<0.001	0.2	1.56	2	<10	460	0.5	<2	0.97	<0.5	6	12	18	2.02
DD014829		0.30	<0.001	0.2	1.75	24	<10	690	0.8	<2	0.53	<0.5	10	15	12	3.14
DD014830		0.22	<0.001	<0.2	1.05	8	<10	290	<0.5	<2	0.24	<0.5	5	19	8	2.00
DD014831		0.26	<0.001	<0.2	1.57	8	<10	210	<0.5	<2	0.27	<0.5	6	25	10	2.59
DD014832		0.26	<0.001	<0.2	1.39	6	<10	290	<0.5	<2	0.28	<0.5	7	21	11	2.50
DD014833		0.22	<0.001	0.2	1.90	5	<10	580	0.6	<2	0.63	<0.5	11	21	24	3.31
DD014834		0.24	<0.001	<0.2	1.70	6	<10	450	0.7	<2	0.53	<0.5	11	16	23	3.57
DD014835		0.16	<0.001	<0.2	1.07	7	<10	610	<0.5	<2	1.04	<0.5	6	18	22	1.92
DD014836		0.26	0.001	<0.2	1.38	7	<10	470	0.6	<2	1.29	<0.5	7	17	17	2.37
DD014837		0.28	<0.001	<0.2	1.55	7	<10	500	0.7	<2	0.78	<0.5	9	21	17	2.71
DD014838		0.24	0.001	<0.2	0.96	7	<10	210	<0.5	<2	0.41	<0.5	5	14	10	1.72
DD014839		0.20	0.001	0.2	0.82	10	<10	150	<0.5	<2	0.38	<0.5	5	13	9	1.79
DD014840		0.20	0.002	<0.2	1.08	4	<10	260	<0.5	<2	0.50	0.6	5	15	20	1.58
DD014841		0.26	0.003	<0.2	1.25	9	<10	250	<0.5	<2	0.43	<0.5	6	20	12	2.18
DD014842		0.18	0.011	<0.2	0.84	3	<10	140	<0.5	<2	0.36	<0.5	4	10	17	1.30
DD014843		0.28	<0.001	<0.2	0.89	2	<10	150	<0.5	<2	0.35	<0.5	5	13	18	1.46
DD014844		0.28	0.001	<0.2	1.46	8	<10	250	<0.5	<2	0.38	<0.5	9	25	20	2.42
DD014845		0.22	0.002	<0.2	1.14	3	<10	190	<0.5	<2	0.35	<0.5	4	18	15	1.51
DD014846		0.30	0.015	<0.2	1.27	5	<10	190	<0.5	<2	0.33	<0.5	6	20	17	1.52
DD014847		0.30	0.001	<0.2	1.06	3	<10	180	<0.5	<2	0.34	<0.5	5	19	11	1.41
DD014848		0.16	0.010	0.2	1.26	<2	<10	310	<0.5	<2	0.50	0.6	4	21	35	1.24
DD014849		0.10	0.006	0.2	1.14	6	<10	330	<0.5	<2	0.43	0.6	5	20	31	1.69
DD014850		0.32	0.003	0.2	1.46	9	<10	330	0.5	<2	0.39	0.6	7	23	23	1.79

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CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014811		10	<1	0.13	30	0.59	1565	2	0.02	15	790	33	0.04	<2	12	36
DD014812		<10	<1	0.14	30	0.32	1445	19	0.02	6	690	83	0.02	14	10	19
DD014813		10	<1	0.13	20	0.59	525	1	0.01	14	480	12	0.02	2	9	22
DD014814		10	<1	0.12	10	0.51	354	1	0.01	16	540	11	0.02	<2	5	17
DD014815		10	<1	0.13	10	0.61	558	1	0.01	19	360	16	0.02	<2	7	18
DD014816		10	<1	0.29	10	0.93	724	1	0.02	14	570	11	0.02	2	11	22
DD014817		10	<1	0.07	10	0.42	430	1	0.02	9	390	11	0.02	2	5	19
DD014818		10	<1	0.11	10	0.58	275	1	0.02	12	270	9	0.01	<2	4	23
DD014819		<10	<1	0.07	10	0.39	244	<1	0.02	11	300	6	0.01	<2	3	17
DD014820		10	<1	0.10	10	0.58	350	<1	0.02	14	470	9	0.01	2	5	22
DD014821		<10	<1	0.08	30	0.30	266	<1	0.03	6	370	5	0.02	<2	6	23
DD014822		10	<1	0.09	20	0.70	449	<1	0.02	9	800	8	0.04	2	7	33
DD014823		10	<1	0.12	30	0.67	607	<1	0.02	10	880	8	0.05	2	10	49
DD014824		<10	<1	0.10	10	0.58	394	<1	0.02	9	450	8	0.03	<2	6	33
DD014825		<10	<1	0.08	20	0.67	304	1	0.03	8	630	9	0.06	<2	8	54
DD014826		10	<1	0.12	20	0.69	849	<1	0.03	8	840	9	0.05	3	6	61
DD014827		10	<1	0.16	30	0.70	647	<1	0.03	9	650	8	0.03	2	9	42
DD014828		<10	<1	0.13	20	0.38	146	<1	0.03	6	680	6	0.07	<2	6	52
DD014829		10	1	0.23	30	0.55	535	<1	0.02	6	340	10	0.02	2	9	29
DD014830		<10	<1	0.13	10	0.36	276	<1	0.02	7	190	7	0.01	<2	3	20
DD014831		<10	<1	0.11	10	0.47	261	<1	0.02	11	230	8	0.01	<2	4	21
DD014832		<10	<1	0.10	10	0.47	338	<1	0.02	10	250	6	0.01	<2	4	21
DD014833		10	<1	0.11	20	0.68	922	<1	0.03	9	690	7	0.03	<2	9	34
DD014834		10	1	0.13	10	0.55	708	1	0.02	7	400	8	0.02	2	9	36
DD014835		<10	<1	0.08	20	0.36	298	<1	0.03	9	590	5	0.05	<2	3	51
DD014836		<10	<1	0.08	20	0.53	536	<1	0.03	9	610	5	0.06	2	7	55
DD014837		<10	<1	0.10	30	0.58	695	<1	0.02	9	670	7	0.04	<2	7	37
DD014838		<10	<1	0.04	10	0.32	406	<1	0.02	7	810	12	0.03	<2	3	30
DD014839		<10	<1	0.03	10	0.28	260	<1	0.02	6	800	13	0.03	<2	2	30
DD014840		<10	<1	0.04	10	0.31	250	<1	0.04	8	590	12	0.05	<2	3	55
DD014841		<10	<1	0.04	10	0.38	274	1	0.03	8	740	15	0.03	<2	4	44
DD014842		<10	<1	0.03	10	0.19	346	<1	0.04	5	870	7	0.06	<2	2	29
DD014843		<10	<1	0.04	10	0.19	226	<1	0.04	7	750	5	0.05	2	2	26
DD014844		<10	<1	0.06	10	0.41	373	1	0.03	11	660	9	0.02	<2	5	27
DD014845		<10	<1	0.04	10	0.27	128	<1	0.03	7	640	6	0.05	<2	2	27
DD014846		<10	<1	0.07	10	0.35	158	<1	0.03	9	600	8	0.03	<2	3	21
DD014847		<10	<1	0.07	10	0.35	264	<1	0.02	8	630	8	0.03	<2	3	21
DD014848		<10	<1	0.07	20	0.28	187	<1	0.02	9	730	7	0.15	<2	4	34
DD014849		<10	<1	0.05	10	0.26	180	1	0.03	8	770	10	0.09	2	3	30
DD014850		<10	<1	0.06	20	0.42	359	<1	0.02	11	580	20	0.04	2	4	28

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CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014811		<20	0.07	<10	10	82	<10	72
DD014812		<20	0.05	<10	<10	61	<10	83
DD014813		<20	0.08	<10	<10	68	<10	56
DD014814		<20	0.09	<10	<10	60	<10	48
DD014815		<20	0.09	<10	<10	69	<10	69
DD014816		<20	0.17	<10	<10	95	<10	83
DD014817		<20	0.05	<10	<10	75	<10	47
DD014818		<20	0.11	<10	<10	80	<10	53
DD014819		<20	0.07	<10	<10	52	<10	37
DD014820		<20	0.08	<10	<10	67	<10	51
DD014821		<20	0.03	<10	<10	45	<10	30
DD014822		<20	0.08	<10	<10	78	<10	51
DD014823		<20	0.06	<10	<10	73	<10	56
DD014824		<20	0.07	<10	<10	66	<10	51
DD014825		<20	0.11	<10	<10	81	<10	59
DD014826		<20	0.06	<10	<10	68	<10	63
DD014827		<20	0.08	<10	<10	79	<10	59
DD014828		<20	0.05	<10	<10	51	<10	50
DD014829		<20	0.06	<10	<10	67	<10	71
DD014830		<20	0.10	<10	<10	54	<10	49
DD014831		<20	0.09	<10	<10	61	<10	53
DD014832		<20	0.08	<10	<10	55	<10	42
DD014833		<20	0.07	<10	<10	73	<10	55
DD014834		<20	0.06	<10	<10	79	<10	60
DD014835		<20	0.06	<10	<10	46	<10	38
DD014836		<20	0.05	<10	<10	54	<10	44
DD014837		<20	0.07	<10	<10	62	<10	51
DD014838		<20	0.04	<10	<10	38	<10	53
DD014839		<20	0.04	<10	<10	39	<10	47
DD014840		<20	0.04	<10	<10	36	<10	69
DD014841		<20	0.05	<10	<10	46	<10	54
DD014842		<20	0.06	<10	<10	41	<10	47
DD014843		<20	0.07	<10	<10	40	<10	36
DD014844		<20	0.08	<10	<10	53	<10	57
DD014845		<20	0.05	<10	<10	36	<10	39
DD014846		<20	0.07	<10	<10	45	<10	48
DD014847		<20	0.07	<10	<10	43	<10	47
DD014848		<20	0.05	<10	<10	32	<10	44
DD014849		<20	0.05	<10	<10	47	<10	60
DD014850		<20	0.06	<10	<10	48	<10	76

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CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014851		0.18	0.002	0.2	1.85	9	<10	290	<0.5	2	0.20	<0.5	6	27	16	2.64
DD014852		0.22	<0.001	0.2	0.99	7	<10	160	<0.5	<2	0.12	<0.5	5	16	12	2.00
DD014853		0.24	0.002	0.2	1.09	6	<10	310	<0.5	<2	0.18	<0.5	3	15	28	1.66
DD014854		0.26	0.001	<0.2	1.24	9	<10	270	<0.5	<2	0.19	<0.5	6	20	16	2.01
DD014855		0.22	0.002	0.4	0.96	12	<10	830	0.7	<2	0.24	0.5	4	10	22	1.34
DD014856		0.24	0.004	0.5	1.10	5	<10	420	0.5	<2	0.15	0.5	3	13	25	1.40
DD014857		0.24	0.001	0.8	1.65	10	<10	790	1.0	<2	0.23	1.0	6	19	27	2.21
DD014858		0.28	0.001	<0.2	1.08	6	<10	350	<0.5	<2	0.19	<0.5	4	17	14	1.73
DD014859		0.24	0.003	0.3	2.60	4	<10	1140	1.2	2	0.42	1.2	6	23	43	2.81
DD014860		0.22	0.001	0.2	1.19	4	<10	670	0.7	<2	0.41	1.5	3	12	36	1.95

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3- NOV- 2011
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014851		10	<1	0.10	10	0.46	275	<1	0.02	12	310	16	0.02	<2	3	20
DD014852		<10	<1	0.08	10	0.28	364	1	0.02	7	220	22	0.02	3	2	14
DD014853		<10	<1	0.07	10	0.20	173	1	0.02	9	570	21	0.02	2	1	17
DD014854		<10	<1	0.09	10	0.32	340	1	0.02	12	340	30	0.01	2	2	17
DD014855		<10	<1	0.10	20	0.12	773	1	0.02	8	510	57	0.03	<2	2	30
DD014856		<10	<1	0.08	10	0.14	181	1	0.02	7	460	46	0.01	<2	1	16
DD014857		<10	1	0.13	20	0.20	1135	2	0.01	8	850	85	0.04	<2	3	23
DD014858		<10	<1	0.06	10	0.28	165	<1	0.02	7	490	9	0.02	<2	2	17
DD014859		10	1	0.20	30	0.51	320	1	0.01	13	960	17	0.04	3	9	36
DD014860		<10	<1	0.04	30	0.10	289	1	0.02	8	890	5	0.14	<2	3	36

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Finalized Date: 3- NOV- 2011
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Project: Klaza

CERTIFICATE OF ANALYSIS WH11182410

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014851		<20	0.08	<10	<10	58	<10	51
DD014852		<20	0.05	<10	<10	41	<10	46
DD014853		<20	0.04	<10	<10	36	<10	35
DD014854		<20	0.05	<10	<10	41	<10	52
DD014855		<20	0.02	<10	<10	20	<10	39
DD014856		<20	0.02	<10	<10	34	<10	53
DD014857		<20	0.01	<10	<10	35	<10	88
DD014858		<20	0.04	<10	<10	39	<10	50
DD014859		<20	0.01	<10	<10	52	<10	114
DD014860		<20	0.02	<10	<10	46	<10	39

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11184897

Project: Klaza DDH- 48

P.O. No.: Batch 4

This report is for 7 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11184897

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828588		4.54	0.017	<0.2	0.58	50	<10	380	0.6	<2	2.20	0.5	7	4	4	2.55
L828589		0.66	<0.005	<0.2	0.03	33	<10	10	<0.5	<2	19.3	<0.5	<1	<1	2	0.45
L828590		5.89	0.019	<0.2	0.76	61	<10	510	0.7	<2	2.12	<0.5	6	4	5	2.61
L828591		3.40	0.008	0.6	1.21	25	<10	210	0.6	<2	2.08	5.6	10	6	6	3.32
L828592		12.16	0.006	0.3	1.28	20	<10	230	0.6	<2	1.84	2.9	5	7	13	2.76
L828593		0.10	1.560	34.0	4.91	146	<10	40	<0.5	5	4.53	31.7	81	56	7300	8.35
L828594		14.59	<0.005	<0.2	1.24	6	<10	310	0.5	<2	1.77	<0.5	5	9	22	2.51

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11184897

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828588		<10	<1	0.34	20	0.62	923	2	0.01	10	520	35	0.69	<2	6	63
L828589		<10	<1	0.02	<10	11.80	204	<1	0.02	3	170	2	0.01	<2	<1	44
L828590		<10	<1	0.29	20	0.64	866	1	0.01	1	610	9	0.45	<2	7	65
L828591		<10	<1	0.27	20	0.54	580	1	0.05	2	590	224	0.59	2	5	75
L828592		<10	<1	0.23	20	0.66	721	<1	0.05	1	580	138	0.12	<2	6	66
L828593		10	1	0.24	10	1.13	624	47	0.34	313	670	8320	7.38	27	4	78
L828594		<10	<1	0.21	20	0.64	615	1	0.07	2	560	20	0.08	<2	5	64

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11184897

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828588		<20	<0.01	<10	20	21	<10	66	<1
L828589		<20	<0.01	<10	<10	2	<10	12	<1
L828590		<20	<0.01	<10	<10	25	<10	37	<1
L828591		<20	0.02	<10	10	37	<10	442	<1
L828592		<20	0.03	<10	<10	42	<10	216	<1
L828593		<20	0.06	<10	10	312	20	7570	31
L828594		<20	0.07	<10	<10	46	<10	59	<1

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11184898

Project: Klaza DDH- 42

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11184898

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972747		1.72	<0.005	<0.2	0.76	8	<10	680	0.7	<2	3.93	<0.5	10	5	18	2.49
K972748		2.51	<0.005	<0.2	1.29	2	<10	300	0.5	<2	2.07	<0.5	9	10	11	2.93
K972749		2.01	<0.005	<0.2	1.07	2	<10	780	0.6	<2	2.51	<0.5	10	8	12	2.84
K972750		2.94	<0.005	<0.2	0.66	4	<10	440	0.7	<2	3.74	<0.5	9	6	7	2.63
K972751		2.56	<0.005	<0.2	1.15	<2	<10	330	<0.5	<2	1.70	<0.5	9	12	4	2.90
K972752		0.10	1.530	33.4	4.88	149	<10	50	<0.5	11	4.62	31.9	85	57	7300	8.26
K972753		2.92	<0.005	<0.2	1.05	3	<10	330	<0.5	<2	1.68	<0.5	9	9	10	2.72
K972754		1.51	<0.005	<0.2	0.64	8	<10	290	0.6	2	3.89	<0.5	7	7	5	2.36
K972755		1.81	<0.005	0.2	1.01	7	<10	270	0.6	2	1.78	<0.5	9	8	9	2.76
K972756		2.14	<0.005	<0.2	0.71	8	<10	1000	0.7	<2	3.90	<0.5	9	5	4	2.59
K972757		1.91	<0.005	<0.2	0.82	7	<10	700	0.9	2	2.82	<0.5	7	7	4	2.58
K972758		3.17	<0.005	<0.2	0.75	6	<10	1370	0.9	<2	2.87	<0.5	9	6	5	2.74
K972759		2.82	<0.005	<0.2	0.83	9	<10	290	0.8	<2	2.84	<0.5	9	6	6	2.65
K972760		1.70	<0.005	<0.2	0.73	8	<10	460	0.8	<2	3.23	<0.5	9	6	10	2.75
K972761		5.66	<0.005	<0.2	0.82	4	<10	430	0.8	<2	2.57	<0.5	8	5	3	2.53
K972762		3.04	<0.005	<0.2	0.60	4	<10	850	0.7	<2	3.19	<0.5	9	6	5	2.50
K972763		2.04	<0.005	<0.2	1.02	2	<10	320	0.7	<2	3.39	<0.5	9	7	7	2.75
K972764		1.76	<0.005	<0.2	0.83	11	<10	1370	0.8	<2	3.37	<0.5	8	5	4	2.24
K972765		2.95	<0.005	<0.2	0.92	5	<10	800	0.7	<2	3.41	<0.5	8	5	11	2.55
K972766		2.05	<0.005	<0.2	0.67	15	<10	1420	0.7	<2	3.60	<0.5	8	4	3	2.05
K972767		2.87	<0.005	<0.2	0.75	8	<10	1410	0.7	2	2.55	<0.5	8	5	2	2.63
K972768		2.99	<0.005	0.2	0.76	13	<10	1830	0.8	<2	3.64	<0.5	8	5	3	2.29
K972769		3.08	<0.005	<0.2	0.67	26	<10	1060	0.8	<2	2.96	<0.5	8	6	4	2.74
K972770		2.39	<0.005	<0.2	0.84	10	<10	520	0.8	2	2.16	<0.5	9	7	6	2.89
K972771		3.03	<0.005	<0.2	0.71	8	<10	1210	0.7	<2	2.88	<0.5	8	6	2	2.59
K972772		2.95	<0.005	0.2	0.85	34	<10	1560	0.9	<2	2.07	<0.5	9	7	10	2.31
K972773		5.88	<0.005	0.3	0.81	9	10	2190	0.9	<2	2.44	<0.5	6	9	11	1.77
K972774		5.09	<0.005	<0.2	0.75	6	<10	770	1.0	3	2.54	<0.5	6	4	12	1.46
K972775		0.12	1.425	32.5	4.53	135	<10	40	<0.5	9	4.32	29.9	77	52	6600	7.85
K972776		5.27	0.013	0.7	0.77	9	<10	1310	1.0	<2	2.88	1.4	6	4	29	1.58
K972777		5.03	<0.005	<0.2	0.70	3	<10	710	1.0	<2	2.04	<0.5	5	4	11	1.63
K972778		3.20	<0.005	<0.2	0.06	2	<10	20	<0.5	<2	18.0	<0.5	2	<1	3	0.44
K972779		5.33	<0.005	<0.2	0.80	9	<10	1130	1.1	<2	2.80	<0.5	5	5	4	2.00
K972780		5.22	<0.005	<0.2	0.79	13	<10	1190	1.1	<2	2.57	<0.5	6	5	11	2.10
K972781		5.07	<0.005	0.2	0.85	17	<10	540	1.1	<2	3.40	<0.5	6	6	5	2.16
K972782		3.14	<0.005	0.2	0.06	3	<10	20	<0.5	<2	17.5	<0.5	2	<1	1	0.38

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Finalized Date: 7- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11184898

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972747		<10	<1	0.33	20	1.07	998	<1	0.04	2	530	13	0.09	<2	4	194
K972748		10	1	0.17	20	0.83	696	1	0.09	1	660	9	0.01	2	8	192
K972749		<10	1	0.26	20	0.74	748	<1	0.06	3	620	11	0.02	2	7	200
K972750		<10	<1	0.27	20	0.86	805	1	0.04	1	590	11	0.01	<2	6	258
K972751		10	1	0.21	20	0.79	584	1	0.10	2	610	6	0.01	<2	7	149
K972752		10	2	0.24	10	1.16	630	48	0.34	307	670	8420	7.35	29	4	80
K972753		<10	<1	0.21	20	0.76	585	<1	0.08	2	620	14	0.01	<2	6	170
K972754		<10	1	0.27	20	0.66	853	<1	0.05	1	630	17	0.01	8	6	279
K972755		<10	1	0.21	20	0.72	630	1	0.07	2	620	10	0.01	<2	7	198
K972756		<10	<1	0.28	20	1.15	999	<1	0.04	2	510	14	0.11	<2	6	242
K972757		<10	<1	0.30	20	0.71	730	<1	0.04	1	600	13	0.05	4	7	207
K972758		<10	1	0.30	20	0.79	778	<1	0.03	1	580	14	0.09	2	6	200
K972759		<10	1	0.24	20	0.82	790	<1	0.03	2	560	12	0.12	<2	7	191
K972760		<10	1	0.23	20	0.91	862	1	0.03	1	550	13	0.13	<2	7	196
K972761		<10	<1	0.32	20	0.66	625	<1	0.03	2	590	12	0.04	<2	6	179
K972762		<10	<1	0.32	20	0.61	643	<1	0.04	2	580	11	0.02	<2	4	226
K972763		<10	<1	0.29	20	0.83	772	<1	0.05	1	700	17	0.01	<2	7	242
K972764		<10	1	0.30	10	0.64	780	<1	0.03	1	470	19	0.19	2	5	264
K972765		<10	<1	0.25	20	0.74	734	2	0.03	1	560	13	0.03	2	7	269
K972766		<10	1	0.28	20	0.75	772	<1	0.04	1	480	20	0.16	<2	4	283
K972767		<10	1	0.28	20	0.60	751	<1	0.05	1	570	15	0.06	2	6	233
K972768		<10	1	0.33	20	0.99	748	1	0.04	1	520	13	0.14	<2	5	247
K972769		<10	1	0.30	20	1.01	814	<1	0.04	2	600	12	0.08	<2	6	207
K972770		<10	1	0.30	20	0.77	700	<1	0.04	<1	620	9	0.03	<2	7	196
K972771		<10	1	0.29	20	0.87	775	9	0.03	1	540	10	0.05	<2	6	227
K972772		<10	<1	0.28	10	0.69	624	2	0.03	4	520	15	0.13	2	7	242
K972773		<10	<1	0.37	10	0.72	420	<1	0.03	7	470	17	0.08	2	5	626
K972774		<10	<1	0.37	10	0.72	325	<1	0.03	3	610	14	0.02	<2	4	696
K972775		<10	1	0.23	10	1.06	586	42	0.33	299	620	7550	6.73	26	4	74
K972776		<10	<1	0.36	10	0.88	361	3	0.03	3	580	101	0.04	4	4	768
K972777		<10	<1	0.36	10	0.63	369	<1	0.02	1	640	20	0.02	<2	5	547
K972778		<10	<1	0.02	<10	11.25	206	<1	0.01	1	170	2	0.01	<2	<1	47
K972779		<10	<1	0.38	10	0.70	494	<1	0.02	2	620	22	0.04	<2	5	643
K972780		<10	<1	0.37	10	0.74	484	<1	0.03	2	540	16	0.05	4	5	547
K972781		<10	<1	0.34	10	1.06	502	<1	0.02	3	580	17	0.05	3	5	609
K972782		<10	<1	0.03	<10	10.90	177	<1	0.01	1	190	2	0.01	<2	<1	50

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11184898

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972747		<20	<0.01	<10	<10	23	<10	68	<1
K972748		<20	0.02	<10	<10	54	<10	60	<1
K972749		20	0.01	<10	<10	43	<10	56	<1
K972750		20	0.01	<10	<10	33	<10	51	<1
K972751		20	0.03	<10	<10	51	<10	47	<1
K972752		<20	0.05	<10	10	321	20	7470	32
K972753		20	0.02	<10	<10	46	<10	58	2
K972754		20	0.01	<10	<10	37	<10	48	<1
K972755		20	0.01	<10	<10	44	<10	58	<1
K972756		<20	<0.01	<10	10	29	<10	83	<1
K972757		20	<0.01	<10	<10	39	<10	59	<1
K972758		<20	<0.01	<10	<10	29	<10	64	<1
K972759		<20	<0.01	<10	<10	35	<10	64	1
K972760		<20	<0.01	<10	10	31	<10	64	<1
K972761		<20	<0.01	<10	10	25	<10	58	<1
K972762		<20	<0.01	<10	<10	23	<10	54	<1
K972763		20	<0.01	<10	<10	40	<10	63	<1
K972764		<20	<0.01	<10	<10	30	<10	53	<1
K972765		<20	0.01	<10	<10	35	<10	51	<1
K972766		<20	<0.01	<10	<10	18	<10	47	1
K972767		<20	<0.01	<10	<10	27	<10	61	<1
K972768		<20	<0.01	<10	10	18	<10	44	<1
K972769		<20	<0.01	<10	<10	30	<10	56	<1
K972770		<20	<0.01	<10	<10	38	<10	54	<1
K972771		<20	<0.01	<10	<10	31	<10	62	1
K972772		<20	<0.01	<10	<10	29	<10	49	<1
K972773		<20	<0.01	<10	<10	31	<10	52	1
K972774		<20	<0.01	<10	<10	26	<10	38	<1
K972775		<20	0.05	<10	<10	298	<10	6880	26
K972776		<20	<0.01	<10	<10	30	<10	144	1
K972777		<20	<0.01	<10	<10	21	<10	58	<1
K972778		<20	<0.01	<10	<10	1	<10	12	<1
K972779		<20	<0.01	<10	<10	29	<10	56	<1
K972780		<20	<0.01	<10	<10	27	<10	61	<1
K972781		<20	<0.01	<10	<10	29	<10	62	<1
K972782		<20	<0.01	<10	<10	1	<10	13	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11184899

Project: Klaza DDH- 48

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11184899

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828552		13.41	<0.005	<0.2	1.01	9	<10	270	<0.5	<2	1.50	0.6	6	10	3	2.44
L828553		13.20	<0.005	<0.2	1.01	6	<10	330	0.5	<2	1.81	<0.5	7	8	3	2.46
L828554		3.55	0.077	1.9	0.91	82	<10	330	0.7	<2	1.85	4.6	7	6	25	2.86
L828555		1.03	<0.005	<0.2	0.06	2	<10	10	<0.5	<2	17.9	<0.5	2	<1	1	0.43
L828556		11.44	0.016	0.2	0.66	17	<10	1050	0.9	<2	2.75	0.6	5	5	9	1.80
L828557		8.89	<0.005	<0.2	0.75	6	<10	800	0.8	<2	3.79	<0.5	4	4	<1	1.65
L828558		4.45	<0.005	<0.2	0.76	6	<10	590	0.8	<2	3.76	<0.5	5	4	<1	1.69
L828559		11.93	<0.005	<0.2	0.73	3	<10	580	0.9	<2	3.44	<0.5	4	4	1	1.70
L828560		13.11	<0.005	<0.2	0.74	4	<10	950	1.0	<2	3.30	<0.5	5	4	<1	1.76
L828561		12.25	0.006	<0.2	0.82	13	<10	1130	1.0	<2	2.91	<0.5	5	4	4	2.01
L828562		8.16	<0.005	<0.2	0.84	13	<10	1660	1.0	<2	3.07	<0.5	5	6	3	1.83
L828563		4.08	0.008	0.4	0.93	27	<10	220	0.8	<2	2.07	1.7	6	5	3	2.69
L828564		0.19	3.27	>100	0.18	>10000	<10	10	<0.5	<2	0.42	324	1	9	1575	14.1
L828565		12.46	<0.005	<0.2	0.77	11	<10	850	0.7	<2	2.23	<0.5	6	5	10	2.59
L828566		4.78	<0.005	<0.2	0.99	12	<10	100	0.6	<2	1.73	<0.5	5	5	5	2.42
L828567		3.24	0.012	0.9	0.98	38	<10	480	0.7	<2	1.56	7.6	6	4	5	3.26
L828568		0.11	1.590	34.8	4.85	143	<10	40	<0.5	<2	4.60	33.3	83	57	7190	8.22
L828569		3.65	0.132	3.2	0.63	176	<10	40	0.5	3	1.15	29.9	3	4	35	4.97
L828570		4.10	0.165	3.6	0.54	133	<10	110	<0.5	<2	1.26	73.5	3	4	27	4.03
L828571		8.15	<0.005	<0.2	0.78	9	<10	800	0.6	<2	1.73	0.5	3	5	3	2.13
L828572		4.09	<0.005	<0.2	0.68	9	<10	560	0.5	<2	1.90	0.5	2	5	2	1.96
L828573		4.26	0.070	3.3	0.57	223	<10	230	<0.5	<2	1.47	43.4	5	4	44	3.14
L828574		4.81	0.016	0.3	0.70	52	<10	510	0.6	<2	2.58	1.4	12	5	8	3.08
L828575		2.84	0.130	2.6	0.56	153	<10	30	<0.5	3	1.84	6.3	38	3	11	5.74
L828576		5.20	0.128	1.2	0.56	59	<10	330	0.6	<2	2.61	5.2	3	3	17	2.05
L828577		1.14	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	18.8	<0.5	1	1	5	0.48
L828578		11.08	0.010	<0.2	0.54	5	<10	30	0.8	2	0.32	<0.5	<1	2	1	0.37
L828579		9.85	0.005	<0.2	0.58	8	<10	40	0.9	<2	0.38	<0.5	<1	2	<1	0.42
L828580		3.29	0.014	0.6	0.47	5	<10	90	0.8	<2	0.34	<0.5	<1	2	1	0.37
L828581		11.91	2.44	34.9	0.43	1185	<10	10	<0.5	53	2.17	138.0	5	3	239	7.00
L828582		6.20	0.266	5.6	0.51	119	<10	160	0.5	8	1.72	52.6	6	4	91	3.56
L828583		6.38	0.245	3.4	0.51	198	<10	80	<0.5	3	1.61	54.0	2	4	53	4.92
L828584		2.98	0.022	1.3	0.54	27	<10	430	0.7	<2	2.31	33.5	4	5	17	3.26
L828585		6.12	0.005	<0.2	1.51	19	<10	280	0.8	<2	1.71	1.1	5	6	7	3.24
L828586		4.48	0.089	2.8	0.76	30	<10	210	0.7	<2	2.26	24.2	6	5	18	2.64
L828587		9.35	0.006	<0.2	0.93	18	<10	440	0.6	<2	2.13	3.8	5	6	4	2.71

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11184899

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828552		<10	1	0.19	30	0.63	435	2	0.09	<1	550	41	0.08	<2	6	93
L828553		<10	<1	0.21	20	0.62	454	2	0.08	<1	570	10	0.07	<2	8	109
L828554		<10	1	0.28	20	0.57	1145	4	0.01	2	560	224	0.72	4	7	105
L828555		<10	<1	0.03	<10	11.40	194	<1	0.01	<1	180	<2	0.01	<2	<1	45
L828556		<10	1	0.33	10	0.81	595	<1	0.02	6	630	34	0.09	4	5	309
L828557		<10	1	0.38	10	0.76	500	<1	0.01	2	730	8	0.03	<2	5	388
L828558		<10	1	0.38	10	0.77	508	<1	0.02	1	740	9	0.02	2	5	392
L828559		<10	<1	0.36	10	0.73	627	<1	0.01	1	730	10	0.02	<2	5	447
L828560		<10	<1	0.36	20	0.71	585	<1	0.02	1	740	9	0.03	<2	5	421
L828561		<10	1	0.38	20	0.77	696	<1	0.02	2	750	50	0.07	<2	5	312
L828562		<10	1	0.36	10	0.87	545	<1	0.02	4	680	12	0.09	2	5	260
L828563		<10	1	0.30	20	0.68	958	1	0.02	2	560	87	0.22	3	7	142
L828564		<10	2	0.08	<10	0.17	1480	<1	0.01	8	140	>10000	>10.0	551	1	19
L828565		<10	<1	0.21	20	0.53	760	<1	0.01	1	560	20	0.15	4	8	93
L828566		<10	1	0.21	30	0.33	657	1	0.01	<1	630	31	0.11	4	9	51
L828567		<10	1	0.29	20	0.55	952	<1	0.02	<1	550	516	0.54	2	6	61
L828568		10	1	0.23	10	1.13	637	47	0.33	331	690	8550	7.23	28	4	79
L828569		<10	1	0.43	10	0.52	2560	1	0.01	2	530	1405	3.00	5	3	24
L828570		<10	2	0.38	10	0.44	2430	2	0.01	1	490	1140	2.54	7	3	24
L828571		<10	1	0.35	20	0.53	1020	<1	0.01	1	560	35	0.21	<2	6	60
L828572		<10	<1	0.38	20	0.63	1040	<1	0.01	1	580	24	0.16	<2	4	51
L828573		<10	1	0.40	10	0.54	2990	3	0.01	1	540	838	0.84	6	3	33
L828574		<10	<1	0.43	10	1.05	1935	<1	0.01	4	1250	107	0.42	5	5	86
L828575		<10	<1	0.38	10	0.64	1705	3	0.01	3	710	950	4.53	5	3	36
L828576		<10	1	0.37	20	0.80	2220	2	0.01	<1	490	143	0.90	5	3	93
L828577		<10	1	0.03	<10	12.00	230	<1	0.02	2	190	5	0.05	<2	1	46
L828578		<10	1	0.23	<10	0.10	259	2	0.01	<1	20	49	0.05	6	1	24
L828579		<10	<1	0.25	<10	0.11	409	3	0.01	<1	20	38	0.06	4	2	30
L828580		<10	<1	0.23	<10	0.09	329	2	0.01	<1	10	59	0.05	4	2	20
L828581		<10	2	0.31	<10	0.73	4530	3	0.01	<1	320	922	8.37	41	1	35
L828582		<10	<1	0.38	10	0.62	2080	<1	0.01	<1	530	1295	1.76	5	4	40
L828583		<10	1	0.37	10	0.61	3730	<1	0.01	<1	500	901	2.99	8	3	32
L828584		<10	1	0.32	20	0.63	2060	<1	0.01	<1	550	662	0.46	<2	6	83
L828585		<10	1	0.22	20	0.67	512	<1	0.06	<1	640	54	0.10	<2	8	70
L828586		<10	1	0.32	20	0.57	1205	<1	0.02	<1	570	1395	0.35	4	7	78
L828587		<10	1	0.33	20	0.55	971	1	0.04	<1	560	122	0.29	2	5	80

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Finalized Date: 9- NOV- 2011
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Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11184899

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L828552		20	0.03	<10	<10	44	<10	63	<1		
L828553		20	0.01	<10	<10	39	<10	33	<1		
L828554		<20	0.01	<10	<10	29	<10	398	1		
L828555		<20	<0.01	<10	10	1	<10	14	<1		
L828556		<20	<0.01	<10	<10	23	<10	80	<1		
L828557		<20	<0.01	<10	<10	22	<10	34	<1		
L828558		<20	<0.01	<10	<10	23	<10	36	<1		
L828559		<20	<0.01	<10	<10	23	<10	36	<1		
L828560		<20	<0.01	<10	<10	26	<10	39	<1		
L828561		<20	<0.01	<10	<10	21	<10	58	<1		
L828562		<20	<0.01	<10	<10	26	<10	43	<1		
L828563		<20	<0.01	<10	<10	31	<10	171	<1		
L828564		<20	<0.01	<10	<10	8	150	>10000	436	3.09	3.53
L828565		<20	<0.01	<10	<10	37	<10	54	<1		
L828566		<20	<0.01	<10	<10	37	<10	64	<1		
L828567		<20	<0.01	<10	<10	31	<10	623	<1		
L828568		<20	0.05	<10	<10	315	20	7530	25		
L828569		<20	<0.01	<10	<10	15	10	2140	2		
L828570		<20	<0.01	<10	<10	13	10	5010	3		
L828571		<20	<0.01	<10	<10	24	<10	73	<1		
L828572		<20	<0.01	<10	<10	16	<10	56	<1		
L828573		<20	<0.01	<10	<10	12	10	3030	3		
L828574		<20	<0.01	<10	<10	36	<10	201	<1		
L828575		<20	<0.01	<10	<10	18	<10	511	2		
L828576		<20	<0.01	<10	<10	9	<10	398	1		
L828577		<20	<0.01	<10	<10	2	<10	32	<1		
L828578		<20	<0.01	<10	<10	1	<10	41	<1		
L828579		20	<0.01	<10	<10	1	<10	27	<1		
L828580		20	<0.01	<10	<10	1	<10	40	<1		
L828581		<20	<0.01	<10	<10	5	30	>10000	32		1.120
L828582		<20	<0.01	<10	<10	13	10	3290	6		
L828583		<20	<0.01	<10	<10	11	10	3530	3		
L828584		<20	<0.01	<10	10	24	10	2290	1		
L828585		<20	0.02	<10	10	45	<10	107	<1		
L828586		<20	<0.01	<10	10	29	<10	1490	2		
L828587		<20	0.01	<10	<10	27	<10	327	<1		

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VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185120

Project: Klaza DDH- 56

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185120

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K263190		14.99	<0.005	<0.2	0.97	8	<10	320	0.5	<2	2.15	1.5	3	9	3	2.68
K263191		11.28	<0.005	<0.2	0.83	7	<10	630	0.7	<2	2.44	10.0	4	6	4	2.44
K269192		7.25	0.008	0.3	0.79	32	<10	180	0.5	<2	1.65	14.4	12	9	8	3.40
K269193		3.78	0.937	55.9	0.68	2020	<10	30	0.7	42	1.72	59.9	5	5	1495	5.00
K269194		4.21	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	19.5	<0.5	<1	1	2	0.47
K269195		11.99	0.005	0.2	0.99	10	<10	300	<0.5	<2	1.58	2.6	4	9	11	2.50
K269196		11.54	0.024	0.5	1.06	10	<10	240	<0.5	<2	1.73	3.8	3	10	8	2.50
K269197		12.47	0.005	0.3	1.18	8	<10	550	<0.5	<2	1.97	2.9	3	11	5	2.77
K269198		13.91	<0.005	<0.2	1.05	10	<10	420	<0.5	<2	1.31	0.6	3	11	2	2.62
K269199		12.29	<0.005	0.2	1.26	6	<10	220	<0.5	<2	1.43	1.2	4	11	5	2.74
K269200		12.85	<0.005	<0.2	1.26	8	<10	250	<0.5	<2	1.89	0.6	4	10	2	2.85
K269201		14.26	<0.005	<0.2	1.21	5	<10	260	<0.5	<2	1.44	<0.5	3	10	2	2.82
K269202		0.10	1.400	37.0	5.15	155	<10	30	<0.5	11	4.69	34.0	91	61	7610	8.46
K269203		7.73	<0.005	<0.2	1.09	3	<10	200	<0.5	<2	1.55	<0.5	5	10	19	2.78
K269204		10.64	0.115	3.7	0.84	30	<10	160	0.6	<2	3.28	43.3	47	9	30	3.40
K269205		5.59	1.080	15.3	0.42	151	<10	60	<0.5	4	2.61	99.3	22	4	119	3.62
K269206		10.10	0.010	0.5	0.74	11	<10	340	0.6	<2	2.12	2.3	7	7	5	1.85
K269207		3.85	0.005	0.5	0.99	7	<10	160	0.6	<2	1.40	<0.5	3	6	15	1.89
K269208		1.56	0.005	0.5	1.02	12	<10	300	0.7	<2	1.71	<0.5	5	7	6	2.19
K269209		5.96	0.009	0.7	0.63	13	<10	1020	0.5	<2	2.25	1.7	3	6	10	2.00
K269210		8.23	<0.005	0.2	0.68	7	<10	90	0.6	<2	2.54	2.1	3	6	1	1.86
K269211		0.10	1.445	34.7	4.96	153	<10	40	<0.5	2	4.63	33.2	86	59	7400	8.25
K269212		4.20	0.011	1.1	0.90	10	<10	500	0.6	<2	1.28	8.9	3	7	19	2.62
K269213		4.66	0.522	5.3	0.82	426	<10	50	0.7	5	1.85	108.5	4	7	118	2.79
K269214		4.51	0.006	0.4	0.60	8	<10	50	0.5	<2	2.98	0.5	2	7	18	1.58
K269215		4.57	0.005	0.5	1.08	5	<10	50	0.7	<2	5.02	0.6	3	4	<1	2.19
K269216		4.70	0.009	0.6	0.73	14	<10	60	0.8	<2	4.62	5.1	4	4	3	2.12
K269217		2.06	<0.005	<0.2	0.10	<2	<10	20	<0.5	<2	20.1	<0.5	<1	1	<1	0.54
K269218		12.97	<0.005	<0.2	1.09	5	<10	180	0.6	<2	3.49	<0.5	2	9	1	1.79
K269219		10.23	<0.005	<0.2	1.28	4	<10	330	<0.5	<2	2.40	<0.5	2	11	2	2.47
K269220		12.68	0.009	0.7	1.63	3	<10	60	0.6	2	4.03	<0.5	1	9	4	2.40
K269221		12.81	<0.005	0.2	1.40	7	<10	120	0.5	<2	3.29	<0.5	2	7	1	1.88
K269222		9.13	<0.005	0.2	1.08	9	<10	80	0.7	<2	2.91	<0.5	3	6	<1	2.52
K269223		7.30	0.005	0.2	1.11	11	<10	120	0.8	<2	3.32	<0.5	4	7	1	2.96
K269224		4.06	0.558	7.9	0.63	371	<10	60	0.6	7	3.22	107.0	6	7	220	4.47
K263225		11.84	0.008	0.2	1.05	5	<10	200	0.5	<2	1.93	0.5	5	9	3	2.79

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185120

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K263190		<10	<1	0.22	20	0.62	508	1	0.07	1	630	20	0.04	<2	7	62
K263191		<10	<1	0.27	20	0.62	675	<1	0.06	<1	820	15	0.10	<2	6	220
K269192		<10	<1	0.27	40	0.42	926	<1	0.04	1	610	78	0.88	<2	6	75
K269193		<10	1	0.30	20	0.45	1575	<1	0.02	<1	520	1850	4.06	35	6	49
K269194		<10	<1	0.03	<10	12.20	217	<1	0.01	<1	190	3	0.03	<2	<1	51
K269195		<10	<1	0.18	20	0.62	441	1	0.08	<1	570	97	0.06	<2	5	58
K269196		<10	1	0.17	10	0.66	507	2	0.07	<1	600	141	0.09	<2	5	52
K269197		10	<1	0.19	20	0.70	499	1	0.08	1	620	72	0.10	<2	6	64
K269198		<10	<1	0.15	10	0.66	359	1	0.10	2	600	19	0.04	<2	5	51
K269199		10	<1	0.15	20	0.67	446	4	0.09	<1	630	91	0.06	<2	4	45
K269200		10	<1	0.18	20	0.68	609	<1	0.08	<1	610	42	0.22	<2	5	47
K269201		10	<1	0.13	10	0.75	469	<1	0.11	1	630	16	0.04	<2	6	47
K269202		10	1	0.24	10	1.19	654	50	0.35	319	710	8510	8.51	32	5	80
K269203		<10	<1	0.15	20	0.63	470	<1	0.09	2	630	25	0.05	<2	6	53
K269204		<10	<1	0.32	20	0.55	1670	1	0.03	2	640	1095	1.41	2	5	89
K269205		<10	<1	0.27	10	0.83	3000	<1	0.01	<1	450	5420	2.29	11	3	47
K269206		<10	<1	0.22	20	0.60	785	<1	0.02	<1	560	83	0.36	<2	6	55
K269207		<10	1	0.16	20	0.35	541	<1	0.02	1	570	17	0.04	2	8	46
K269208		<10	1	0.18	20	0.44	666	<1	0.02	1	650	11	0.11	2	9	52
K269209		<10	1	0.20	20	0.67	935	<1	0.03	1	500	86	0.19	4	7	52
K269210		<10	1	0.24	20	0.74	931	<1	0.02	<1	640	63	0.39	<2	6	47
K269211		10	1	0.24	10	1.15	638	46	0.34	311	690	8270	8.28	31	5	77
K269212		<10	<1	0.19	30	0.43	942	<1	0.02	1	670	394	0.22	<2	9	35
K269213		<10	1	0.23	10	0.55	1280	<1	0.01	<1	590	714	1.46	9	7	46
K269214		<10	1	0.22	10	0.60	795	<1	0.02	1	670	35	0.29	4	4	61
K269215		<10	1	0.24	20	0.73	1055	<1	0.03	1	840	22	0.35	2	7	105
K269216		<10	1	0.28	30	1.25	1315	<1	0.03	2	830	151	0.52	<2	6	132
K269217		<10	1	0.03	<10	11.80	223	<1	0.01	2	210	3	0.07	<2	<1	47
K269218		<10	1	0.19	20	0.76	689	<1	0.04	1	650	16	0.11	<2	7	90
K269219		<10	2	0.09	10	0.78	474	<1	0.08	1	640	6	0.06	<2	8	85
K269220		<10	2	0.17	10	0.85	968	<1	0.03	1	700	427	0.18	<2	7	66
K269221		<10	1	0.17	30	0.68	745	<1	0.06	<1	580	5	0.11	<2	7	61
K269222		<10	1	0.15	30	0.73	467	<1	0.01	1	630	9	0.16	<2	7	75
K269223		<10	1	0.22	20	0.86	690	<1	0.01	1	590	6	0.26	<2	7	100
K269224		<10	2	0.29	10	0.98	2310	3	0.01	1	450	458	3.22	15	5	64
K263225		<10	1	0.19	20	0.56	488	<1	0.07	1	630	13	0.09	<2	8	75

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VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185120

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K263190		<20	0.02	<10	<10	44	<10	150	1
K263191		<20	0.01	<10	<10	33	<10	484	<1
K269192		<20	<0.01	<10	<10	33	<10	1105	<1
K269193		<20	<0.01	<10	<10	20	<10	3890	53
K269194		<20	<0.01	<10	10	<1	<10	22	1
K269195		20	0.07	<10	<10	46	<10	208	<1
K269196		<20	0.07	<10	<10	48	<10	290	<1
K269197		<20	0.07	<10	<10	54	<10	190	<1
K269198		<20	0.13	<10	<10	55	<10	75	<1
K269199		<20	0.11	<10	<10	55	<10	106	<1
K269200		20	0.08	<10	<10	51	<10	92	<1
K269201		<20	0.14	<10	<10	61	<10	48	<1
K269202		<20	0.06	<10	<10	331	20	8170	31
K269203		20	0.07	<10	<10	53	<10	69	<1
K269204		<20	<0.01	<10	<10	31	<10	2730	4
K269205		<20	<0.01	<10	<10	10	10	6520	15
K269206		<20	<0.01	<10	<10	18	<10	194	<1
K269207		<20	<0.01	<10	<10	29	<10	67	<1
K269208		20	<0.01	<10	<10	32	<10	75	<1
K269209		<20	<0.01	<10	<10	27	<10	162	1
K269210		<20	<0.01	<10	<10	20	<10	154	<1
K269211		<20	0.06	<10	<10	322	10	7920	31
K269212		<20	<0.01	<10	<10	40	<10	588	1
K269213		<20	<0.01	<10	<10	29	10	6870	5
K269214		<20	<0.01	<10	<10	19	<10	76	1
K269215		<20	<0.01	<10	<10	33	<10	113	<1
K269216		<20	<0.01	<10	<10	31	<10	374	<1
K269217		<20	<0.01	<10	<10	4	<10	16	1
K269218		<20	<0.01	<10	<10	33	<10	60	<1
K269219		<20	0.02	<10	<10	57	<10	42	<1
K269220		<20	<0.01	<10	<10	37	<10	72	1
K269221		<20	<0.01	<10	<10	32	<10	54	1
K269222		<20	<0.01	<10	<10	33	<10	54	<1
K269223		<20	<0.01	<10	<10	30	<10	63	1
K269224		<20	<0.01	<10	<10	20	<10	6770	8
K263225		<20	0.02	<10	<10	46	<10	64	<1

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Finalized Date: 9- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185121

Project: Klaza DDH- 56

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185121

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K269226		11.42	0.013		0.2	1.19	20	<10	180	0.7	<2	2.20	1.9	4	6	9
K269227		10.94	<0.005		<0.2	1.05	9	<10	70	0.6	<2	2.00	<0.5	3	6	1
K269228		3.49	0.036		<0.2	0.96	50	<10	120	0.5	<2	2.23	<0.5	6	6	2
K269229		5.77	<0.005		<0.2	0.90	11	<10	90	0.5	<2	1.58	<0.5	8	6	2
K269230		11.51	<0.005		<0.2	1.03	9	<10	440	0.5	<2	2.50	<0.5	4	8	5
K269231		3.11	0.302		6.2	0.80	266	<10	70	0.6	2	2.25	80.2	4	8	272
K269232		2.75	<0.005		0.2	0.03	<2	<10	<10	<0.5	<2	19.7	<0.5	2	1	3
K269233		14.03	<0.005		<0.2	1.24	8	<10	180	<0.5	<2	1.21	<0.5	4	14	3
K269234		10.37	<0.005		<0.2	1.22	6	<10	140	<0.5	<2	1.12	<0.5	5	12	3
K269235		5.87	0.052		3.1	0.69	112	<10	490	0.8	<2	2.57	2.0	7	6	7
K269236		13.37	<0.005		0.2	1.10	14	<10	230	<0.5	<2	1.58	<0.5	7	10	13
K269237		6.76	0.006		0.5	0.92	30	<10	250	0.5	<2	1.67	2.0	10	9	9
K269238		4.37	0.208		6.5	0.47	739	<10	20	0.6	3	1.69	4.8	10	5	26
K269239		0.12	1.540		33.2	5.03	148	<10	40	<0.5	16	4.63	32.4	86	58	7310
K269240		8.36	<0.005		0.2	1.10	9	<10	200	<0.5	<2	1.59	<0.5	7	11	15
K269241		4.81	0.057		1.4	0.77	184	<10	370	0.5	<2	1.75	8.3	7	6	45
K269242		13.12	<0.005		<0.2	1.25	7	<10	170	<0.5	<2	1.43	<0.5	6	12	7
K269243		5.33	<0.005		<0.2	1.20	6	<10	120	<0.5	<2	1.31	<0.5	7	11	4
K269244		4.31	0.008		0.2	0.91	21	<10	260	0.5	<2	2.18	<0.5	6	8	10
K269245		0.10	1.535		33.3	5.14	151	<10	40	<0.5	6	4.65	32.5	87	58	7420
K269246		8.58	0.007		0.6	0.85	17	<10	560	0.6	<2	1.91	5.6	8	6	19
K269247		7.91	>10.0	11.80	3.5	0.41	>10000	<10	20	0.5	2	0.94	96.6	5	5	64
K269248		2.43	0.014		<0.2	0.03	76	<10	<10	<0.5	<2	18.4	<0.5	2	<1	2
K269249		4.97	0.028		0.9	0.64	116	<10	580	0.9	<2	1.88	3.0	6	5	10
K269250		4.98	0.147		2.2	0.61	587	<10	250	0.7	<2	1.16	7.2	6	4	18
K269251		4.06	>10.0	19.25	>100	0.29	>10000	<10	<10	<0.5	108	1.63	682	4	7	2230
K269252		4.03	0.358		5.2	0.64	1040	<10	270	0.6	4	2.06	38.4	7	3	78
K269253		10.67	0.037		0.8	0.63	50	<10	920	0.7	<2	2.41	2.8	7	3	20
K269254		11.06	0.020		0.5	0.61	111	<10	500	0.7	<2	2.88	0.6	9	4	5
K269255		4.92	>10.0	19.80	64.3	0.45	>10000	<10	10	0.5	33	1.53	370	8	3	664
K269256		5.62	0.151		0.7	1.15	499	<10	260	0.9	<2	2.51	8.8	7	5	15
K269257		4.59	0.339		2.9	1.21	576	<10	200	0.6	<2	2.08	33.1	6	6	21
K269258		2.06	0.083		0.6	1.29	245	<10	210	0.7	<2	2.28	2.4	7	6	16
K269259		11.72	0.038		0.4	0.87	37	<10	800	0.6	<2	1.41	4.5	7	6	8
K269260		11.05	<0.005		0.2	1.21	12	<10	200	0.6	<2	1.81	<0.5	7	8	22
K269261		12.67	0.010		0.2	1.04	80	<10	270	0.5	<2	1.88	0.7	6	8	6

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Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185121

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269226		2.81	<10	<1	0.24	20	0.50	759	<1	0.04	1	590	80	0.15	2	8
K269227		2.24	<10	<1	0.20	20	0.49	316	<1	0.04	1	620	19	0.05	2	7
K269228		2.66	<10	<1	0.23	20	0.49	452	1	0.04	<1	600	10	0.63	<2	6
K269229		2.16	<10	<1	0.29	60	0.42	244	1	0.03	2	580	8	0.36	<2	5
K269230		2.51	<10	<1	0.20	30	0.65	431	1	0.06	5	620	13	0.05	<2	7
K269231		4.03	<10	1	0.33	20	0.52	2130	1	0.04	1	560	536	2.34	7	5
K269232		0.46	<10	<1	0.02	<10	12.70	224	<1	0.03	<1	190	4	0.04	2	<1
K269233		2.65	10	<1	0.17	20	0.68	377	1	0.12	1	600	13	0.03	<2	4
K269234		2.64	10	<1	0.16	10	0.69	398	1	0.13	1	580	13	0.03	<2	4
K269235		3.18	<10	<1	0.35	20	0.77	2360	2	0.03	1	570	149	0.70	4	7
K269236		2.67	<10	<1	0.20	20	0.66	677	1	0.10	1	590	14	0.13	<2	6
K269237		2.68	<10	<1	0.23	20	0.60	582	1	0.08	2	570	39	0.69	<2	5
K269238		3.82	<10	<1	0.30	10	0.49	1080	1	0.02	1	470	1880	3.47	10	3
K269239		8.40	10	1	0.24	10	1.18	638	48	0.36	311	680	8470	7.41	30	4
K269240		2.60	<10	<1	0.21	20	0.67	620	1	0.10	1	580	19	0.20	<2	6
K269241		3.75	<10	<1	0.33	20	0.64	2250	1	0.05	1	560	499	0.96	3	5
K269242		2.72	10	<1	0.18	20	0.71	495	1	0.13	1	580	12	0.08	<2	6
K269243		2.86	10	<1	0.16	20	0.73	441	1	0.11	<1	610	13	0.06	3	6
K269244		2.58	<10	<1	0.27	20	0.62	1010	1	0.07	1	550	14	0.33	<2	6
K269245		8.40	10	1	0.24	10	1.20	641	49	0.35	309	680	8550	7.54	31	4
K269246		2.53	<10	<1	0.24	20	0.53	902	1	0.04	1	600	196	0.43	3	6
K269247		5.23	<10	<1	0.28	10	0.33	2190	7	0.02	<1	390	480	3.24	56	3
K269248		0.46	<10	<1	0.01	<10	12.30	219	<1	0.03	<1	160	5	0.04	<2	<1
K269249		2.80	<10	<1	0.34	20	0.66	1495	3	0.03	2	530	266	0.47	5	7
K269250		2.92	<10	<1	0.23	10	0.45	1765	13	0.03	1	380	833	0.64	15	5
K269251		5.83	<10	6	0.17	<10	0.32	1965	22	0.03	<1	100	>10000	7.69	387	2
K269252		2.78	<10	<1	0.24	10	0.63	1310	7	0.02	1	370	388	1.05	15	5
K269253		2.51	<10	<1	0.21	10	0.80	865	2	0.03	<1	340	50	0.41	5	8
K269254		2.79	<10	<1	0.31	20	0.98	1090	1	0.03	<1	460	27	0.56	4	6
K269255		6.95	<10	3	0.31	10	0.47	1730	1	0.03	1	390	>10000	7.93	83	2
K269256		2.78	<10	1	0.24	20	0.58	595	1	0.03	1	560	86	0.42	3	7
K269257		2.61	<10	1	0.18	20	0.51	441	1	0.03	<1	580	701	0.49	5	7
K269258		2.61	<10	<1	0.19	30	0.57	485	1	0.03	1	600	117	0.26	3	7
K269259		2.47	<10	<1	0.18	20	0.48	644	1	0.03	1	600	33	0.29	5	8
K269260		2.52	<10	<1	0.18	20	0.62	528	1	0.05	1	590	15	0.13	4	6
K269261		2.55	<10	<1	0.20	20	0.71	761	1	0.07	1	570	31	0.33	3	6

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Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185121

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K269226		82	20	<0.01	<10	<10	42	<10	217	1		
K269227		80	20	<0.01	<10	<10	42	<10	46	<1		
K269228		84	<20	<0.01	<10	<10	34	<10	35	1		
K269229		65	<20	<0.01	<10	<10	30	<10	40	<1		
K269230		83	20	0.01	<10	<10	44	<10	40	1		
K269231		56	<20	<0.01	<10	<10	22	<10	5380	6		
K269232		50	<20	<0.01	<10	<10	1	<10	28	<1		
K269233		51	<20	0.12	<10	<10	55	<10	34	<1		
K269234		50	<20	0.13	<10	<10	55	<10	33	<1		
K269235		87	<20	<0.01	<10	<10	25	<10	170	3		
K269236		67	<20	0.04	<10	<10	47	<10	45	2		
K269237		67	<20	0.02	<10	<10	39	<10	190	<1		
K269238		49	<20	<0.01	<10	<10	9	<10	444	7		
K269239		81	<20	0.06	<10	10	318	10	7650	33		
K269240		71	<20	0.03	<10	<10	45	<10	47	1		
K269241		72	<20	<0.01	<10	<10	28	<10	851	2		
K269242		57	<20	0.07	<10	<10	54	<10	42	1		
K269243		54	<20	0.07	<10	<10	57	<10	36	<1		
K269244		93	<20	0.02	<10	<10	37	<10	46	1		
K269245		80	<20	0.06	<10	<10	324	10	7630	31		
K269246		66	<20	0.01	<10	<10	31	<10	398	1		
K269247		25	<20	<0.01	<10	<10	9	<10	6230	4		
K269248		46	<20	<0.01	<10	<10	1	<10	34	<1		
K269249		58	<20	<0.01	<10	<10	21	<10	252	1		
K269250		39	<20	<0.01	<10	<10	21	<10	525	2		
K269251		40	<20	<0.01	<10	10	7	10	>10000	94	1.020	4.36
K269252		56	<20	<0.01	<10	10	17	<10	2470	5		
K269253		81	<20	<0.01	<10	<10	27	<10	205	1		
K269254		99	<20	<0.01	<10	<10	21	<10	75	1		
K269255		38	<20	<0.01	<10	<10	7	<10	>10000	62	1.510	2.28
K269256		101	<20	<0.01	<10	<10	28	<10	613	1		
K269257		75	<20	0.01	<10	<10	34	<10	2030	3		
K269258		82	20	0.01	<10	<10	36	<10	176	1		
K269259		55	<20	<0.01	<10	<10	35	<10	297	1		
K269260		70	<20	0.01	<10	<10	39	<10	52	1		
K269261		94	<20	0.02	<10	<10	38	<10	74	<1		

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185124

Project: Klaza DDH- 44

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11185124

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828715		3.26	<0.005	0.3	0.84	10	<10	450	0.6	<2	0.77	1.8	3	5	3	1.80
L828716		8.99	<0.005	<0.2	0.65	4	<10	370	1.2	<2	0.50	0.7	2	2	1	0.51
L828717		4.79	0.019	0.3	0.76	35	<10	360	1.0	<2	1.43	1.9	4	4	4	2.26
L828718		9.44	0.864	9.1	0.76	815	<10	30	0.7	<2	4.05	105.0	5	3	115	5.18
L828719		2.20	<0.005	0.2	0.04	<2	<10	10	<0.5	<2	18.3	<0.5	2	<1	3	0.44
L828720		6.15	0.087	1.4	0.54	133	<10	500	0.8	<2	2.79	5.1	6	3	14	2.62
L828721		6.58	0.009	0.3	0.68	19	<10	1080	0.8	<2	2.16	0.5	5	4	6	2.44
L828722		6.90	0.024	0.4	0.66	76	<10	120	0.8	<2	2.22	1.0	6	4	7	2.39
L828723		3.42	0.281	4.6	0.42	395	<10	40	0.6	<2	3.60	24.4	10	4	24	3.34
L828724		8.34	0.009	1.3	0.83	38	<10	490	0.8	<2	1.94	9.0	10	5	27	2.64
L828725		4.94	0.036	3.6	0.67	33	<10	700	0.7	<2	2.65	31.8	7	4	32	3.18
L828726		2.90	<0.005	0.2	0.04	<2	<10	<10	<0.5	<2	18.1	<0.5	2	<1	1	0.45
L828727		9.06	<0.005	0.9	1.10	7	<10	220	<0.5	<2	1.41	8.6	6	8	6	2.64
L828728		4.48	0.013	0.3	0.86	20	<10	660	0.5	<2	1.95	<0.5	20	6	2	2.56
L828729		3.74	0.017	2.9	0.63	37	<10	270	0.7	<2	2.26	18.9	6	4	17	2.57
L828730		2.01	0.018	5.6	0.64	38	<10	340	0.7	<2	2.59	30.4	9	4	41	2.73
L828731		8.09	<0.005	0.3	1.20	5	<10	190	<0.5	<2	1.51	1.0	12	8	7	2.46
L828732		4.70	0.035	3.9	0.60	43	<10	350	0.8	<2	1.73	27.3	9	5	24	3.67
L828733		6.95	0.169	12.2	0.60	338	<10	380	0.5	<2	2.71	32.5	11	7	23	2.81
L828734		5.42	<0.005	0.8	0.85	13	<10	280	0.6	<2	1.97	4.6	6	5	8	2.59
L828735		0.11	1.415	31.9	4.91	145	<10	30	<0.5	10	4.41	30.8	84	55	7230	7.99
L828736		4.35	<0.005	0.7	0.99	8	<10	230	0.5	<2	2.00	4.7	11	7	20	2.34
L828737		4.60	<0.005	1.6	0.87	6	<10	230	<0.5	<2	1.84	8.7	5	8	14	2.03
L828738		9.58	<0.005	0.2	1.20	4	<10	220	<0.5	<2	1.55	0.5	5	13	8	2.46
L828739		0.10	1.450	33.0	5.01	146	<10	30	<0.5	12	4.48	31.3	83	56	7280	8.12
L828740		5.01	<0.005	0.7	1.04	6	<10	200	<0.5	<2	1.65	2.6	5	10	21	2.51
L828741		4.47	0.264	19.5	0.56	67	<10	60	0.6	<2	1.78	287	5	9	90	3.49
L828742		5.34	<0.005	0.3	1.04	5	<10	170	<0.5	<2	1.58	1.3	5	9	13	2.43
L828743		3.88	0.012	4.3	1.09	9	<10	540	0.6	<2	2.27	25.1	5	7	34	2.71
L828744		8.64	0.011	2.5	1.13	6	<10	160	<0.5	<2	1.68	10.9	5	8	15	2.81
L828745		3.75	0.030	15.5	0.54	15	<10	340	<0.5	<2	2.08	25.5	10	7	26	2.16
L828746		10.28	0.005	1.3	1.14	6	<10	430	<0.5	<2	1.53	7.8	5	10	10	2.43
L828747		8.65	<0.005	0.5	1.24	5	<10	150	<0.5	<2	1.38	1.6	5	9	3	2.59
L828748		3.37	0.029	4.3	1.21	6	<10	480	<0.5	<2	1.57	16.3	5	9	18	2.85
L828749		10.42	<0.005	<0.2	1.28	6	<10	120	<0.5	<2	0.95	<0.5	5	10	2	2.46
L828750		14.84	<0.005	0.4	1.26	5	<10	180	<0.5	<2	1.42	1.6	5	10	3	2.59

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11185124

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828715		<10	<1	0.24	20	0.17	592	1	0.03	1	400	47	0.05	2	5	28
L828716		<10	1	0.21	<10	0.10	544	<1	0.02	<1	10	48	0.02	2	2	25
L828717		<10	<1	0.31	20	0.28	1070	1	0.03	1	540	48	0.17	2	8	78
L828718		<10	<1	0.43	10	1.04	4640	5	0.03	<1	420	713	3.43	13	4	75
L828719		<10	<1	0.02	<10	12.10	219	<1	0.03	1	170	6	0.03	<2	<1	48
L828720		<10	<1	0.30	20	0.82	1415	2	0.02	1	520	81	0.59	5	5	63
L828721		<10	<1	0.28	20	0.70	983	1	0.03	1	500	31	0.19	2	7	57
L828722		<10	<1	0.30	10	0.71	1295	2	0.02	2	450	49	0.26	3	7	48
L828723		<10	<1	0.27	10	0.56	2240	19	0.02	1	310	978	2.03	18	3	80
L828724		<10	<1	0.31	20	0.54	1230	1	0.03	1	560	387	0.26	2	6	77
L828725		<10	<1	0.30	20	0.61	1850	1	0.02	1	520	703	0.39	3	6	69
L828726		<10	<1	0.02	<10	11.90	217	<1	0.03	<1	190	4	0.04	<2	<1	46
L828727		<10	<1	0.19	20	0.69	631	1	0.08	1	580	195	0.09	2	6	65
L828728		<10	<1	0.26	20	0.59	997	1	0.04	1	520	11	0.28	<2	5	63
L828729		<10	<1	0.27	20	0.72	1080	1	0.02	<1	530	921	0.38	3	6	67
L828730		<10	<1	0.26	20	0.79	1160	1	0.03	1	540	1955	0.44	3	6	77
L828731		<10	<1	0.17	20	0.57	504	1	0.06	1	560	28	0.12	3	5	59
L828732		<10	<1	0.36	20	0.68	1845	1	0.03	<1	510	957	0.43	2	5	68
L828733		<10	1	0.31	10	0.60	1500	1	0.03	<1	460	4110	0.56	10	5	81
L828734		<10	<1	0.28	20	0.51	1070	1	0.03	1	560	214	0.14	3	5	75
L828735		10	1	0.23	10	1.13	607	46	0.34	294	650	8090	7.25	28	4	78
L828736		<10	<1	0.30	20	0.55	954	1	0.05	1	520	225	0.22	<2	4	84
L828737		<10	<1	0.27	20	0.53	743	1	0.05	1	490	388	0.15	<2	3	78
L828738		<10	<1	0.22	20	0.65	659	1	0.10	1	540	32	0.06	2	5	70
L828739		10	1	0.23	10	1.15	619	46	0.34	297	670	8230	7.39	29	4	80
L828740		<10	<1	0.24	20	0.65	790	1	0.08	2	570	279	0.10	<2	5	67
L828741		<10	1	0.34	10	0.54	1885	1	0.02	1	510	3870	1.81	12	4	56
L828742		<10	<1	0.19	20	0.65	558	1	0.09	1	560	33	0.07	<2	6	66
L828743		<10	<1	0.24	20	0.71	929	1	0.04	<1	590	1255	0.24	3	6	84
L828744		<10	<1	0.22	20	0.62	862	1	0.06	1	580	770	0.14	3	6	67
L828745		<10	<1	0.29	10	0.50	1130	1	0.03	2	410	5800	0.61	15	2	76
L828746		<10	1	0.20	20	0.63	681	1	0.08	1	550	287	0.11	2	5	67
L828747		10	<1	0.16	20	0.70	585	1	0.09	2	610	142	0.06	2	5	58
L828748		10	<1	0.19	20	0.67	727	1	0.08	1	560	1350	0.18	<2	5	60
L828749		10	<1	0.14	10	0.67	361	1	0.11	1	570	15	0.03	<2	3	39
L828750		10	<1	0.19	20	0.67	544	2	0.09	2	590	60	0.07	<2	4	56

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11185124

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L828715		<20	<0.01	<10	<10	21	<10	148	<1	
L828716		20	<0.01	<10	<10	1	<10	82	<1	
L828717		<20	<0.01	<10	<10	28	<10	180	1	
L828718		<20	<0.01	<10	<10	13	10	6480	9	
L828719		<20	<0.01	<10	<10	1	<10	24	<1	
L828720		<20	<0.01	<10	<10	16	<10	430	2	
L828721		<20	<0.01	<10	<10	30	<10	72	1	
L828722		<20	<0.01	<10	10	29	<10	128	1	
L828723		<20	<0.01	<10	10	15	<10	1500	5	
L828724		<20	<0.01	<10	<10	29	<10	682	2	
L828725		<20	<0.01	<10	10	28	<10	2280	3	
L828726		<20	<0.01	<10	<10	1	<10	24	<1	
L828727		<20	0.04	<10	<10	45	<10	595	1	
L828728		<20	<0.01	<10	<10	31	<10	100	<1	
L828729		<20	<0.01	<10	<10	30	<10	1360	3	
L828730		<20	<0.01	<10	10	31	<10	2070	6	
L828731		20	0.02	<10	<10	40	<10	129	<1	
L828732		<20	<0.01	<10	<10	21	<10	2030	4	
L828733		<20	<0.01	<10	<10	25	<10	2270	12	
L828734		<20	<0.01	<10	<10	29	<10	499	1	
L828735		<20	0.05	<10	10	312	10	7270	31	
L828736		<20	0.01	<10	<10	31	<10	403	1	
L828737		<20	0.01	<10	<10	30	<10	642	1	
L828738		<20	0.04	<10	<10	45	<10	72	<1	
L828739		<20	0.05	<10	10	314	20	7290	32	
L828740		<20	0.03	<10	<10	43	<10	224	1	
L828741		<20	<0.01	<10	<10	21	<10	>10000	18	1.785
L828742		<20	0.02	<10	<10	43	<10	106	1	
L828743		<20	<0.01	<10	<10	36	<10	1725	4	
L828744		<20	0.02	<10	<10	43	<10	765	2	
L828745		<20	<0.01	<10	<10	19	<10	1750	15	
L828746		<20	0.04	<10	<10	44	<10	625	1	
L828747		<20	0.08	<10	<10	53	<10	144	<1	
L828748		<20	0.05	<10	<10	47	<10	1160	4	
L828749		<20	0.13	<10	<10	52	<10	36	<1	
L828750		<20	0.08	<10	<10	50	<10	145	1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185125

Project: Klaza DDH- 46

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11185125

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973399		7.44	<0.005	<0.2	1.13	15	<10	300	<0.5	<2	1.81	<0.5	11	20	116	2.63
K973400		1.48	1.695	76.3	0.47	304	<10	100	0.5	4	5.83	258	9	3	176	4.13
K973401		1.74	0.006	<0.2	0.07	3	<10	20	<0.5	4	20.0	0.5	2	1	1	0.45
K973402		12.09	<0.005	<0.2	1.25	8	<10	210	0.6	3	1.87	0.8	7	7	7	2.70
K973403		12.08	<0.005	<0.2	1.26	8	<10	200	<0.5	2	2.61	0.7	7	9	10	2.44
K973404		11.15	<0.005	<0.2	1.24	6	<10	180	<0.5	2	1.19	<0.5	7	10	7	2.54
K973405		7.26	<0.005	<0.2	1.31	5	<10	180	<0.5	2	1.43	<0.5	9	10	24	2.80
K973406		0.10	1.300	31.2	4.81	140	<10	40	<0.5	5	4.47	32.3	82	55	7120	8.03
K973407		2.58	0.019	0.6	1.22	12	<10	230	0.5	2	1.95	8.5	7	8	20	2.55
K973408		12.26	<0.005	<0.2	1.16	8	<10	290	<0.5	2	1.19	1.3	7	10	9	2.48
K973409		11.93	<0.005	<0.2	1.21	7	<10	200	<0.5	<2	1.11	<0.5	7	10	13	2.52
K973410		4.41	<0.005	<0.2	1.04	3	<10	520	0.5	2	1.76	<0.5	6	9	3	2.88
K973411		4.79	0.300	43.5	0.92	208	<10	90	0.6	4	1.64	39.3	7	5	98	3.95
K973412		7.42	<0.005	<0.2	1.04	15	<10	350	0.6	3	1.92	<0.5	6	6	3	2.65
K973413		6.63	0.027	<0.2	0.73	27	<10	370	0.8	2	2.44	<0.5	7	4	3	2.30
K973414		2.75	1.505	44.6	0.75	343	<10	50	0.6	18	1.94	52.9	48	5	222	6.18
K973415		2.90	0.005	<0.2	0.04	<2	<10	10	<0.5	3	19.6	<0.5	2	1	<1	0.41
K973416		7.30	0.016	0.7	1.19	10	<10	270	<0.5	2	1.51	0.8	9	9	7	2.74
K973417		4.68	0.032	0.6	0.58	35	<10	50	<0.5	3	2.09	1.1	13	3	4	2.78
K973418		10.94	0.020	0.6	0.60	11	<10	50	<0.5	4	2.25	0.5	13	4	2	2.74
K973419		4.17	0.027	0.3	0.57	34	<10	20	<0.5	4	2.32	<0.5	16	3	6	3.56
K973420		8.43	0.010	0.2	1.07	24	<10	390	<0.5	3	1.44	0.9	7	9	5	2.61
K973421		2.14	0.067	3.1	0.50	124	<10	40	0.5	5	1.63	13.9	13	4	12	4.19
K973422		1.03	0.075	3.4	0.49	139	<10	80	0.5	4	1.75	16.8	13	3	14	4.35
K973423		5.75	0.034	1.1	0.90	51	<10	170	0.5	3	1.90	10.1	8	6	19	2.75
K973424		14.52	<0.005	<0.2	1.16	3	<10	200	<0.5	3	1.13	<0.5	7	11	6	2.60
K973425		3.69	<0.005	<0.2	1.25	4	<10	200	<0.5	3	1.43	<0.5	7	10	6	2.65
K973426		2.02	1.085	13.2	0.73	1815	<10	110	0.7	5	2.38	129.0	7	5	197	3.10
K973427		11.63	0.027	0.4	1.22	77	<10	200	<0.5	3	1.32	3.0	7	11	15	2.75
K973428		0.09	1.540	31.2	4.88	148	<10	40	<0.5	<2	4.52	32.3	85	56	7250	8.10
K973429		6.40	0.016	<0.2	1.44	11	<10	240	<0.5	2	1.51	1.3	8	11	20	2.96
K973430		12.32	0.009	<0.2	1.17	12	<10	190	<0.5	<2	1.37	1.3	7	11	8	2.61
K973431		11.43	0.005	<0.2	1.32	6	<10	260	<0.5	3	1.71	<0.5	7	9	6	2.73
K973432		1.73	0.466	6.8	0.48	232	<10	90	0.5	5	0.98	35.7	7	4	50	4.89
K973433		9.17	0.011	<0.2	1.23	18	<10	220	<0.5	3	1.69	1.0	7	9	9	2.59
K973434		5.56	0.021	<0.2	0.72	32	<10	790	0.8	2	2.77	0.5	6	6	10	2.59

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Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11185125

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973399		<10	<1	0.30	20	0.68	805	<1	0.08	58	540	13	0.15	<2	6	77
K973400		<10	2	0.32	10	0.95	3840	<1	0.02	2	360	>10000	3.72	49	3	144
K973401		<10	1	0.04	<10	12.30	221	<1	0.02	2	180	38	0.04	<2	<1	51
K973402		<10	<1	0.21	20	0.59	655	<1	0.07	2	670	68	0.08	<2	7	62
K973403		10	1	0.20	20	0.64	825	<1	0.07	3	540	39	0.04	<2	5	63
K973404		10	<1	0.16	20	0.65	442	<1	0.09	1	580	15	0.03	<2	5	46
K973405		10	<1	0.17	20	0.67	557	1	0.08	8	580	25	0.08	2	6	51
K973406		10	1	0.23	10	1.11	607	42	0.33	300	670	8130	7.19	24	4	75
K973407		<10	<1	0.21	20	0.52	674	<1	0.07	2	550	464	0.15	<2	6	57
K973408		<10	1	0.19	20	0.60	473	<1	0.09	2	550	31	0.10	<2	5	48
K973409		<10	1	0.17	20	0.66	437	<1	0.10	2	550	17	0.09	<2	4	48
K973410		<10	<1	0.26	20	0.57	723	<1	0.07	1	560	9	0.13	<2	6	61
K973411		<10	1	0.34	20	0.48	1360	<1	0.02	1	560	>10000	2.34	41	5	42
K973412		<10	1	0.19	20	0.50	581	<1	0.03	2	570	24	0.16	3	8	64
K973413		<10	1	0.32	20	0.74	840	<1	0.02	2	540	22	0.32	<2	7	74
K973414		<10	<1	0.30	10	0.50	1065	<1	0.02	1	480	>10000	6.32	29	5	48
K973415		<10	1	0.02	<10	11.95	198	<1	0.02	2	190	24	0.04	2	<1	49
K973416		10	1	0.23	20	0.68	533	<1	0.08	1	610	283	0.33	<2	6	55
K973417		<10	1	0.36	10	0.50	899	<1	0.02	3	600	86	2.71	<2	2	37
K973418		<10	1	0.40	10	0.38	904	1	0.02	1	620	26	2.95	<2	1	42
K973419		<10	<1	0.40	10	0.15	1655	1	0.02	2	600	11	4.02	<2	1	52
K973420		<10	<1	0.30	20	0.56	711	<1	0.09	2	550	72	0.31	<2	6	55
K973421		<10	1	0.36	10	0.45	3900	<1	0.01	1	480	974	2.99	3	3	33
K973422		<10	<1	0.37	10	0.49	4170	<1	0.02	1	460	1095	3.39	4	3	29
K973423		<10	<1	0.36	20	0.48	1245	<1	0.04	1	520	562	1.11	3	4	77
K973424		<10	<1	0.17	20	0.64	437	<1	0.10	1	560	15	0.10	<2	4	53
K973425		10	1	0.19	20	0.62	578	<1	0.10	2	540	12	0.04	<2	6	65
K973426		<10	1	0.29	20	0.61	2270	<1	0.03	1	510	2240	1.56	24	6	69
K973427		10	1	0.19	20	0.63	574	<1	0.09	1	550	83	0.28	<2	4	60
K973428		10	1	0.23	10	1.12	615	41	0.34	300	670	8180	7.28	23	4	78
K973429		10	1	0.20	20	0.74	644	<1	0.10	2	620	56	0.28	<2	5	52
K973430		10	1	0.16	20	0.62	470	<1	0.10	1	560	73	0.10	2	4	52
K973431		10	<1	0.17	20	0.61	493	<1	0.09	1	580	20	0.10	2	6	78
K973432		<10	<1	0.33	10	0.42	4220	<1	0.02	1	520	2020	2.01	6	4	26
K973433		<10	<1	0.24	20	0.63	634	<1	0.08	1	580	46	0.13	<2	6	79
K973434		<10	1	0.30	20	0.65	1035	<1	0.02	1	550	15	0.25	<2	6	79

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11185125

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K973399		<20	0.04	<10	<10	41	<10	45	3		
K973400		<20	<0.01	<10	10	11	10	>10000	76	2.36	1.740
K973401		<20	<0.01	<10	<10	2	<10	46	<1		
K973402		<20	0.04	<10	<10	50	<10	74	2		
K973403		<20	0.04	<10	<10	43	<10	66	2		
K973404		<20	0.07	<10	<10	53	<10	35	<1		
K973405		<20	0.04	<10	<10	53	<10	46	<1		
K973406		<20	0.05	<10	<10	305	30	7450	32		
K973407		<20	0.03	<10	<10	45	<10	658	2		
K973408		<20	0.09	<10	<10	49	<10	107	<1		
K973409		<20	0.10	<10	<10	51	<10	38	<1		
K973410		<20	0.02	<10	<10	44	<10	37	<1		
K973411		<20	<0.01	<10	<10	24	<10	2530	46	1.395	
K973412		<20	0.01	<10	<10	39	<10	36	<1		
K973413		<20	<0.01	<10	<10	28	<10	46	<1		
K973414		<20	<0.01	<10	<10	21	<10	3270	46	1.230	
K973415		<20	<0.01	<10	<10	2	<10	20	1		
K973416		<20	0.06	<10	<10	50	<10	70	2		
K973417		<20	<0.01	<10	<10	6	<10	80	<1		
K973418		<20	<0.01	<10	<10	3	<10	31	1		
K973419		<20	<0.01	<10	<10	4	<10	6	<1		
K973420		<20	0.05	<10	<10	44	<10	76	<1		
K973421		<20	<0.01	<10	<10	9	<10	1075	4		
K973422		<20	<0.01	<10	<10	8	<10	1325	4		
K973423		<20	0.01	<10	<10	24	<10	776	1		
K973424		<20	0.10	<10	<10	52	<10	35	<1		
K973425		<20	0.05	<10	<10	49	<10	35	<1		
K973426		<20	<0.01	<10	<10	23	30	8470	14		
K973427		<20	0.09	<10	<10	49	<10	288	<1		
K973428		<20	0.06	<10	<10	311	30	7510	32		
K973429		<20	0.12	<10	<10	59	<10	148	1		
K973430		<20	0.09	<10	<10	51	<10	106	1		
K973431		<20	0.05	<10	<10	52	<10	42	1		
K973432		<20	<0.01	<10	<10	10	<10	2500	7		
K973433		<20	0.03	<10	<10	45	<10	86	<1		
K973434		<20	<0.01	<10	<10	25	<10	54	1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185126

Project: Klaza DDH- 45

P.O. No.: Batch 4

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11185126

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972450		7.08	<0.005	<0.2	1.01	3	<10	360	<0.5	<2	2.04	<0.5	8	10	7	2.58
K972451		2.15	0.005	0.2	0.49	24	<10	500	0.7	<2	2.15	1.2	8	5	10	2.53
K972452		3.04	0.024	0.6	0.77	158	<10	130	0.6	<2	4.69	4.0	8	3	4	2.96
K972453		0.14	1.635	32.9	5.01	147	<10	50	<0.5	9	4.56	32.7	84	57	7170	8.41
K972454		1.65	0.006	0.3	0.56	14	<10	760	0.6	<2	4.31	<0.5	8	2	11	2.84
K972455		2.21	0.008	<0.2	0.54	4	<10	630	0.6	<2	3.03	<0.5	6	5	3	2.32
K972456		2.18	<0.005	<0.2	0.97	4	<10	340	<0.5	<2	2.09	<0.5	7	8	2	2.47
K972457		4.36	<0.005	<0.2	1.06	<2	<10	540	<0.5	<2	2.00	<0.5	7	9	2	2.52
K972458		1.85	<0.005	<0.2	0.96	4	<10	380	<0.5	<2	1.99	<0.5	6	10	2	2.28
K972459		4.28	<0.005	<0.2	1.14	5	<10	440	<0.5	<2	1.82	<0.5	7	9	4	2.78
K972460		1.73	0.040	2.0	0.59	89	<10	580	0.6	<2	3.14	3.7	11	3	35	2.57
K972461		2.25	<0.005	<0.2	0.07	2	<10	30	<0.5	<2	18.1	<0.5	1	1	1	0.49
K972462		3.37	<0.005	0.2	0.47	23	<10	660	0.6	<2	2.73	1.1	5	3	2	2.38
K972463		2.45	<0.005	<0.2	0.66	10	<10	650	0.6	<2	2.76	<0.5	7	6	4	2.68
K972464		0.91	<0.005	<0.2	0.68	9	<10	640	0.5	<2	3.55	<0.5	7	6	4	2.49
K972465		5.55	<0.005	<0.2	1.12	4	<10	570	<0.5	<2	1.57	<0.5	7	11	5	2.71
K972466		7.36	<0.005	<0.2	1.12	4	<10	480	<0.5	<2	1.60	<0.5	7	16	8	2.60
K972467		2.63	<0.005	<0.2	0.96	3	<10	160	0.6	<2	5.71	<0.5	6	8	9	2.18
K972468		1.89	<0.005	0.2	0.90	3	<10	240	0.6	<2	3.35	<0.5	7	9	12	2.44
K972469		3.16	<0.005	<0.2	0.06	2	<10	20	<0.5	<2	19.5	<0.5	<1	1	1	0.49
K972470		5.52	<0.005	<0.2	1.06	3	<10	710	0.5	<2	2.89	<0.5	7	9	19	2.60
K972471		5.84	<0.005	<0.2	1.16	4	<10	380	<0.5	<2	4.17	<0.5	6	13	7	2.37
K972472		5.83	<0.005	<0.2	1.15	3	<10	570	<0.5	<2	1.79	<0.5	7	13	13	2.59
K972473		5.50	<0.005	<0.2	0.78	5	<10	420	0.5	<2	2.75	<0.5	7	11	14	2.50
K972474		1.96	<0.005	<0.2	0.88	8	<10	930	0.6	<2	2.97	<0.5	6	8	5	2.36
K972475		4.83	<0.005	<0.2	1.00	4	<10	800	0.5	<2	2.12	<0.5	7	11	7	2.72
K972476		4.26	<0.005	<0.2	1.33	5	<10	490	<0.5	<2	1.65	<0.5	8	12	10	2.89
K972477		2.24	<0.005	0.3	0.77	18	<10	590	0.5	<2	2.85	<0.5	8	7	9	2.63
K972478		5.86	<0.005	<0.2	1.14	5	<10	540	<0.5	<2	2.10	<0.5	7	11	5	2.79
K972479		6.34	<0.005	<0.2	1.20	5	<10	640	<0.5	<2	2.34	<0.5	7	12	5	2.80

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11185126

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972450		<10	<1	0.21	20	0.69	641	<1	0.04	1	580	8	0.01	2	6	126
K972451		<10	<1	0.28	20	0.61	1205	<1	0.01	1	570	47	0.38	6	5	132
K972452		<10	<1	0.41	10	1.34	2640	1	0.01	2	480	183	1.41	7	4	158
K972453		10	1	0.23	<10	1.12	635	48	0.32	304	680	8330	7.21	27	4	81
K972454		<10	<1	0.31	10	0.99	2580	<1	0.01	2	500	27	0.37	<2	4	184
K972455		<10	<1	0.33	20	0.53	834	<1	0.06	2	560	15	0.08	<2	5	187
K972456		<10	<1	0.21	20	0.71	693	<1	0.09	2	580	9	0.02	<2	6	141
K972457		<10	<1	0.23	40	0.71	649	<1	0.10	2	560	7	0.02	<2	6	137
K972458		<10	<1	0.20	40	0.66	588	<1	0.09	1	520	9	0.02	<2	6	130
K972459		<10	<1	0.29	40	0.75	739	<1	0.10	2	640	7	0.04	<2	7	129
K972460		<10	<1	0.33	10	0.69	2100	1	0.04	4	500	165	0.48	13	4	164
K972461		<10	<1	0.03	<10	11.50	226	1	0.04	2	180	2	0.02	<2	<1	50
K972462		<10	<1	0.36	20	0.53	1850	<1	0.05	1	570	40	0.23	3	4	125
K972463		<10	<1	0.24	20	0.76	962	<1	0.06	1	590	12	0.11	<2	7	158
K972464		<10	<1	0.25	20	1.30	907	<1	0.07	1	570	7	0.09	<2	7	153
K972465		<10	<1	0.26	20	0.74	619	<1	0.13	2	650	5	0.03	<2	5	95
K972466		<10	<1	0.23	20	0.69	569	1	0.11	2	600	6	0.03	<2	6	113
K972467		<10	<1	0.22	10	0.88	1125	<1	0.06	1	510	11	0.02	<2	5	262
K972468		<10	<1	0.30	20	0.89	770	<1	0.07	1	590	14	0.02	2	6	215
K972469		<10	<1	0.02	<10	11.70	224	<1	0.05	1	180	2	0.02	<2	<1	47
K972470		<10	<1	0.30	20	0.80	760	<1	0.09	2	600	10	0.04	2	6	198
K972471		<10	<1	0.21	20	2.16	638	<1	0.10	2	560	11	0.02	<2	5	118
K972472		<10	<1	0.27	20	0.78	586	<1	0.12	2	600	9	0.02	<2	5	110
K972473		<10	<1	0.32	20	0.84	871	<1	0.07	2	590	11	0.04	<2	5	183
K972474		<10	<1	0.33	20	0.91	860	<1	0.07	2	550	14	0.06	<2	6	194
K972475		<10	<1	0.28	20	0.77	660	1	0.11	1	630	10	0.03	2	8	167
K972476		10	<1	0.25	20	0.79	647	<1	0.14	2	690	8	0.02	<2	8	140
K972477		<10	<1	0.29	20	0.86	1185	<1	0.08	1	580	46	0.09	4	6	178
K972478		<10	<1	0.21	20	0.89	690	<1	0.11	2	650	9	0.02	<2	7	148
K972479		<10	1	0.26	20	0.90	690	<1	0.10	2	660	8	0.03	<2	7	146

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VANCOUVER BC V6B 1L8

Finalized Date: 11- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 45

CERTIFICATE OF ANALYSIS WH11185126

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972450		20	0.03	<10	<10	42	<10	44	<1
K972451		<20	<0.01	<10	<10	20	<10	121	<1
K972452		<20	<0.01	<10	<10	11	<10	305	1
K972453		<20	0.05	<10	<10	316	<10	7390	33
K972454		<20	<0.01	<10	<10	11	<10	66	1
K972455		<20	<0.01	<10	<10	21	<10	49	1
K972456		20	0.01	<10	<10	40	<10	51	1
K972457		20	0.02	<10	<10	41	<10	51	<1
K972458		20	0.02	<10	<10	37	<10	42	1
K972459		20	0.04	<10	<10	52	<10	55	<1
K972460		<20	<0.01	<10	<10	13	<10	367	3
K972461		<20	<0.01	<10	<10	2	<10	17	1
K972462		<20	<0.01	<10	<10	11	<10	121	1
K972463		<20	0.01	<10	<10	35	<10	48	1
K972464		<20	0.01	<10	<10	35	<10	40	<1
K972465		<20	0.11	<10	<10	58	<10	46	<1
K972466		<20	0.06	<10	<10	52	<10	41	<1
K972467		<20	<0.01	<10	<10	30	<10	38	1
K972468		<20	<0.01	<10	<10	31	<10	52	1
K972469		<20	<0.01	<10	<10	3	<10	14	1
K972470		20	<0.01	<10	<10	34	<10	55	1
K972471		<20	0.02	<10	<10	41	<10	48	1
K972472		<20	0.06	<10	<10	47	<10	43	1
K972473		20	<0.01	<10	<10	29	<10	48	1
K972474		<20	<0.01	<10	<10	28	<10	56	<1
K972475		20	0.03	<10	<10	49	<10	50	1
K972476		20	0.04	<10	<10	60	<10	52	<1
K972477		<20	<0.01	<10	<10	30	<10	130	1
K972478		<20	0.02	<10	<10	50	<10	54	2
K972479		20	0.01	<10	<10	47	<10	44	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185127

Project: Klaza DDH- 51

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11185127

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973220		5.13	<0.005	<0.2	0.84	12	<10	490	0.5	<2	2.06	<0.5	14	5	4	2.67
K973221		13.62	<0.005	<0.2	1.15	13	<10	300	<0.5	<2	1.84	<0.5	4	8	4	2.67
K973222		13.14	<0.005	<0.2	1.21	25	<10	190	0.5	<2	1.64	0.6	4	8	6	2.67
K973223		11.91	0.037	1.4	1.03	104	<10	320	0.5	<2	1.02	1.8	6	6	63	3.44
K973224		11.74	<0.005	<0.2	1.18	15	<10	350	<0.5	<2	1.80	<0.5	5	7	4	2.54
K973225		11.98	0.007	<0.2	0.96	18	<10	370	0.6	<2	1.48	1.7	5	6	14	2.82
K973226		0.11	1.605	37.7	5.06	161	<10	30	<0.5	8	4.59	33.5	88	60	7380	8.51
K973227		12.07	0.635	42.6	0.51	172	<10	100	0.5	2	1.93	112.0	5	3	151	4.48
K973228		4.78	0.296	27.9	0.53	151	<10	50	<0.5	2	2.74	148.5	6	3	96	4.41
K973229		12.19	0.030	2.1	0.69	45	<10	320	0.5	<2	1.43	23.8	7	5	35	3.77
K973230		5.82	0.007	0.5	0.83	15	<10	320	0.6	<2	1.98	4.8	6	5	13	3.00
K973231		3.83	0.196	3.9	0.41	175	<10	20	0.5	5	2.73	13.6	101	3	51	7.78
K973232		3.70	<0.005	<0.2	0.06	<2	<10	20	<0.5	<2	20.5	<0.5	1	<1	2	0.48
K973233		13.52	0.006	0.4	0.57	22	<10	270	0.5	<2	1.64	2.6	16	3	11	2.78
K973234		6.43	<0.005	<0.2	1.08	10	<10	200	0.6	<2	3.17	<0.5	9	4	12	2.28
K973235		6.79	<0.005	0.2	0.98	19	<10	380	0.5	<2	2.45	1.6	5	4	29	2.72
K973236		4.95	0.006	0.3	0.50	22	<10	160	<0.5	<2	5.16	0.9	16	2	7	3.00
K973237		12.54	0.005	0.2	0.62	21	<10	570	<0.5	<2	3.19	<0.5	8	4	5	2.80
K973238		6.98	<0.005	<0.2	0.83	11	<10	770	<0.5	<2	2.73	<0.5	11	5	4	2.50
K973239		8.51	0.005	<0.2	0.78	15	<10	570	0.5	<2	3.54	<0.5	11	3	8	2.22
K973240		1.48	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.8	<0.5	1	<1	1	0.43
K973241		12.11	<0.005	0.2	1.38	8	<10	390	<0.5	<2	1.87	<0.5	4	8	7	3.12
K973242		12.57	<0.005	<0.2	1.43	11	<10	290	0.5	<2	2.03	<0.5	5	7	17	2.87
K973243		11.48	<0.005	<0.2	1.28	9	<10	470	<0.5	<2	1.73	<0.5	6	9	4	2.74
K973244		0.11	1.590	33.3	5.29	168	<10	40	<0.5	12	4.91	35.0	94	61	7620	8.93
K973245		9.80	<0.005	<0.2	1.53	6	<10	190	0.5	<2	1.79	<0.5	5	8	10	3.15
K973246		3.73	<0.005	0.2	1.32	15	<10	470	0.6	<2	5.14	<0.5	12	5	11	3.06
K973247		11.53	<0.005	0.2	1.12	12	<10	370	0.5	<2	2.02	<0.5	6	7	6	2.83
K973248		8.57	<0.005	<0.2	1.08	8	<10	660	0.5	<2	1.96	<0.5	5	7	3	2.70
K973249		5.65	0.148	1.8	0.76	1030	<10	280	0.5	<2	2.46	9.2	8	5	23	3.03
K973250		3.16	0.164	1.2	0.59	160	<10	90	0.6	<2	1.73	7.2	5	4	16	3.37
K973251		3.62	0.071	1.3	0.60	163	<10	130	0.6	<2	1.77	7.4	6	4	17	3.45
K973252		2.70	2.98	16.5	0.48	3250	<10	30	0.5	2	1.01	91.2	5	4	490	5.03
K973253		5.33	0.006	0.3	0.90	14	<10	400	0.5	<2	1.82	<0.5	4	7	6	2.65
K973254		3.33	0.008	0.2	0.55	25	<10	590	0.5	<2	2.99	<0.5	7	4	3	2.74
K973255		3.62	<0.005	<0.2	0.81	8	<10	550	0.5	<2	2.20	<0.5	5	5	5	2.50

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11185127

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973220		<10	<1	0.28	20	0.50	752	1	0.03	1	560	4	0.30	<2	5	70
K973221		10	1	0.22	20	0.65	569	1	0.05	2	560	13	0.13	<2	5	64
K973222		<10	<1	0.21	20	0.59	625	<1	0.05	1	570	44	0.13	2	6	58
K973223		<10	<1	0.28	20	0.31	840	<1	0.02	<1	600	79	0.20	9	5	48
K973224		<10	<1	0.25	20	0.55	518	1	0.05	1	590	7	0.09	<2	5	58
K973225		<10	1	0.26	30	0.42	894	2	0.03	1	600	70	0.14	3	6	50
K973226		10	2	0.24	10	1.19	642	48	0.34	333	690	8570	7.46	26	5	80
K973227		<10	<1	0.31	10	0.67	3800	1	0.01	1	450	>10000	2.01	22	4	33
K973228		<10	1	0.40	10	0.87	4820	2	0.01	<1	440	7210	3.09	15	2	36
K973229		<10	1	0.35	10	0.46	2220	2	0.04	4	550	627	0.98	3	4	42
K973230		<10	<1	0.26	20	0.48	1305	1	0.04	2	580	42	0.47	2	6	88
K973231		<10	<1	0.22	10	0.70	2770	2	0.03	4	380	304	7.60	8	3	59
K973232		<10	<1	0.03	<10	12.10	221	<1	0.03	2	200	2	0.02	<2	<1	53
K973233		<10	<1	0.30	20	0.58	1200	3	0.03	1	560	34	0.77	2	4	56
K973234		<10	<1	0.30	20	0.37	630	2	0.03	1	580	8	0.18	3	5	103
K973235		<10	1	0.28	20	0.46	893	1	0.03	2	590	12	0.39	6	4	88
K973236		<10	<1	0.27	10	1.09	1725	3	0.03	2	440	23	0.86	2	4	82
K973237		<10	<1	0.29	20	0.49	884	1	0.04	1	560	10	0.54	<2	4	114
K973238		<10	<1	0.30	20	0.50	531	<1	0.05	1	590	7	0.29	<2	5	133
K973239		<10	<1	0.28	20	0.54	582	1	0.04	1	560	12	0.49	<2	5	146
K973240		<10	<1	0.02	<10	12.45	202	<1	0.03	1	280	<2	0.02	<2	<1	53
K973241		10	<1	0.18	20	0.75	488	2	0.07	1	610	8	0.06	2	7	66
K973242		<10	<1	0.20	30	0.71	525	1	0.05	2	590	8	0.10	<2	6	72
K973243		10	<1	0.19	20	0.73	504	1	0.08	3	580	20	0.10	<2	5	66
K973244		10	1	0.25	<10	1.19	674	48	0.35	327	730	8890	8.13	29	5	86
K973245		10	<1	0.15	20	0.84	591	<1	0.06	1	640	13	0.05	2	6	71
K973246		<10	1	0.24	20	0.54	847	1	0.03	2	580	13	0.41	<2	5	123
K973247		<10	<1	0.21	20	0.63	641	1	0.07	2	600	17	0.21	<2	6	76
K973248		<10	<1	0.21	20	0.67	614	1	0.06	2	580	9	0.09	<2	7	70
K973249		<10	<1	0.29	20	0.62	907	3	0.05	1	570	620	0.78	3	4	96
K973250		<10	1	0.30	10	0.51	1250	1	0.02	1	550	393	1.69	3	5	58
K973251		<10	<1	0.31	10	0.51	1280	1	0.03	2	570	406	1.72	4	5	60
K973252		<10	1	0.35	10	0.33	1805	7	0.02	1	530	4470	4.81	59	2	23
K973253		<10	<1	0.20	20	0.62	776	2	0.07	1	570	58	0.11	2	7	81
K973254		<10	<1	0.31	20	0.68	794	4	0.06	2	570	12	0.36	2	5	125
K973255		<10	<1	0.22	20	0.59	696	3	0.06	1	610	8	0.20	2	7	88

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VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11185127

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K973220		<20	<0.01	<10	<10	27	<10	73	<1		
K973221		<20	0.01	<10	<10	41	<10	59	<1		
K973222		<20	0.02	<10	<10	43	<10	116	<1		
K973223		<20	<0.01	<10	<10	31	<10	252	<1		
K973224		<20	0.01	<10	<10	37	<10	82	<1		
K973225		<20	0.01	<10	<10	35	<10	288	<1		
K973226		<20	0.06	<10	10	336	<10	7880	31		
K973227		<20	<0.01	<10	<10	19	<10	7090	40	1.395	
K973228		<20	<0.01	<10	<10	13	<10	>10000	25		1.105
K973229		<20	0.01	<10	<10	23	<10	2020	1		
K973230		<20	0.01	<10	<10	31	<10	624	<1		
K973231		<20	<0.01	<10	10	17	<10	1260	4		
K973232		<20	<0.01	<10	10	2	<10	21	<1		
K973233		<20	<0.01	<10	<10	20	<10	267	<1		
K973234		<20	<0.01	<10	<10	22	<10	124	<1		
K973235		<20	<0.01	<10	<10	23	<10	223	<1		
K973236		<20	<0.01	<10	<10	21	<10	151	<1		
K973237		<20	<0.01	<10	<10	21	<10	72	<1		
K973238		<20	<0.01	<10	<10	23	<10	47	<1		
K973239		<20	<0.01	<10	<10	19	<10	51	1		
K973240		<20	<0.01	<10	10	1	<10	17	1		
K973241		<20	0.01	<10	<10	48	<10	46	1		
K973242		20	0.01	<10	<10	40	<10	51	<1		
K973243		<20	0.04	<10	<10	47	<10	45	<1		
K973244		<20	0.06	<10	<10	335	<10	8280	33		
K973245		<20	0.02	<10	<10	53	<10	54	1		
K973246		<20	<0.01	<10	10	29	<10	60	1		
K973247		20	0.01	<10	<10	42	<10	49	1		
K973248		<20	0.01	<10	<10	41	<10	47	<1		
K973249		<20	<0.01	<10	<10	29	<10	641	3		
K973250		<20	<0.01	<10	<10	21	<10	574	2		
K973251		<20	<0.01	<10	<10	22	<10	596	2		
K973252		<20	<0.01	<10	10	8	<10	5880	17		
K973253		20	0.01	<10	<10	39	<10	69	1		
K973254		20	<0.01	<10	<10	31	<10	60	1		
K973255		20	0.01	<10	<10	36	<10	48	<1		

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Finalized Date: 9- NOV- 2011
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CERTIFICATE WH11185128

Project: Klaza DDH- 46

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

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WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- NOV- 2011
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Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11185128

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973363		8.66	0.005	0.8	1.40	9	<10	290	0.6	<2	1.29	6.4	5	9	12	2.75
K973364		10.96	<0.005	<0.2	1.33	6	<10	180	0.5	<2	1.45	1.1	4	8	7	2.58
K973365		10.90	<0.005	0.2	1.27	4	<10	330	0.5	<2	1.49	1.4	4	9	8	2.60
K973366		11.79	<0.005	0.3	1.17	10	<10	290	0.7	<2	1.94	1.1	6	6	22	2.57
K973367		12.49	<0.005	<0.2	1.36	4	<10	320	<0.5	<2	1.51	<0.5	6	12	8	2.69
K973368		11.56	<0.005	<0.2	1.33	18	<10	250	<0.5	<2	1.52	<0.5	5	10	5	2.68
K973369		0.12	1.335	33.4	5.01	155	<10	40	<0.5	8	4.71	32.4	86	58	7340	8.35
K973370		9.28	<0.005	0.4	1.33	6	<10	310	0.5	<2	1.46	1.5	5	10	23	2.77
K973371		7.32	0.013	1.4	1.20	9	<10	310	<0.5	<2	1.48	2.8	4	9	49	3.09
K973372		2.66	0.017	3.2	1.27	8	<10	150	0.6	<2	1.47	14.6	5	7	29	4.85
K973373		3.56	0.027	4.2	1.13	33	<10	170	0.5	<2	1.82	12.6	5	9	59	3.40
K973374		2.75	0.180	16.9	0.68	38	<10	330	0.9	<2	2.30	93.7	4	5	81	3.96
K973375		5.64	0.040	2.5	0.65	84	<10	290	0.7	<2	2.78	13.3	6	5	87	3.26
K973376		2.05	0.337	5.4	0.63	153	<10	140	0.5	<2	1.06	14.0	5	5	30	3.59
K973377		5.49	<0.005	0.2	1.38	7	<10	420	<0.5	<2	1.40	1.6	5	9	3	2.86
K973378		4.94	0.101	2.5	0.73	48	<10	220	0.7	<2	2.66	26.9	7	4	37	3.25
K973379		2.25	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.8	<0.5	1	<1	2	0.49
K973380		3.49	0.682	12.0	0.55	1990	<10	30	0.5	6	1.53	57.9	6	4	104	5.72
K973381		5.85	0.010	0.4	0.67	31	<10	490	0.8	<2	2.86	1.3	6	5	8	3.05
K973382		3.05	0.193	5.5	0.62	109	<10	120	0.6	<2	1.92	81.8	12	4	58	4.40
K973383		12.96	<0.005	<0.2	1.12	8	<10	230	0.5	<2	1.56	<0.5	6	9	5	2.77
K973384		11.51	<0.005	<0.2	0.95	6	<10	210	0.5	<2	1.52	<0.5	6	7	9	2.51
K973385		10.44	<0.005	<0.2	1.09	6	<10	250	<0.5	<2	1.89	<0.5	5	9	7	2.69
K973386		2.18	<0.005	<0.2	1.00	5	<10	260	0.5	<2	1.55	<0.5	6	8	11	2.71
K973387		1.97	0.017	7.0	1.04	13	<10	420	0.6	<2	2.67	66.2	5	6	73	3.01
K973388		0.13	1.515	32.8	4.77	144	<10	40	<0.5	14	4.66	32.2	83	56	7040	8.25
K973389		11.55	<0.005	0.2	1.17	5	<10	270	<0.5	<2	1.02	<0.5	6	10	25	2.70
K973390		12.58	<0.005	<0.2	1.23	5	<10	270	<0.5	<2	0.95	<0.5	6	11	5	2.55
K973391		4.05	<0.005	<0.2	1.14	3	<10	220	<0.5	<2	1.37	<0.5	5	9	5	2.59
K973392		2.99	<0.005	0.2	0.87	5	<10	1490	0.6	<2	1.48	1.5	5	6	9	2.86
K973393		1.54	<0.005	0.2	0.83	7	<10	1520	0.5	2	1.51	1.4	6	6	6	2.76
K973394		8.71	<0.005	<0.2	1.22	3	<10	400	<0.5	<2	1.17	<0.5	7	11	9	2.72
K973395		1.37	0.049	4.0	0.85	18	<10	530	0.6	<2	1.88	34.2	5	7	55	3.26
K973396		1.77	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	20.4	<0.5	1	<1	2	0.46
K973397		2.17	<0.005	<0.2	1.15	4	<10	230	0.5	<2	1.84	<0.5	5	8	4	2.58
K973398		2.93	<0.005	1.6	0.90	21	<10	1300	0.8	<2	2.67	6.8	7	5	12	3.33

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11185128

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973363		<10	<1	0.19	20	0.53	522	<1	0.09	<1	590	328	0.04	2	6	48
K973364		10	<1	0.15	20	0.63	509	<1	0.10	1	550	26	0.02	<2	5	52
K973365		<10	<1	0.16	20	0.60	575	<1	0.10	<1	570	44	0.02	<2	6	59
K973366		<10	<1	0.26	20	0.45	664	<1	0.06	1	580	52	0.03	<2	7	72
K973367		10	<1	0.19	20	0.69	583	<1	0.13	1	610	16	0.04	<2	6	71
K973368		10	<1	0.18	20	0.73	513	1	0.11	<1	600	9	0.05	<2	6	63
K973369		10	<1	0.24	10	1.17	639	49	0.36	317	690	8370	7.50	26	4	78
K973370		10	<1	0.18	20	0.65	464	<1	0.10	<1	590	80	0.06	<2	5	69
K973371		<10	<1	0.21	20	0.70	860	<1	0.10	<1	600	187	0.09	2	5	58
K973372		<10	<1	0.34	20	0.73	2170	<1	0.05	<1	590	1195	0.13	<2	6	73
K973373		<10	<1	0.28	20	0.64	1205	<1	0.08	1	590	1120	0.33	3	5	67
K973374		<10	<1	0.38	20	0.85	1865	<1	0.04	<1	530	4500	0.82	10	6	74
K973375		<10	<1	0.38	20	0.86	1735	1	0.03	<1	530	492	0.70	6	6	83
K973376		<10	<1	0.39	20	0.30	1750	1	0.03	1	510	1390	1.22	4	4	36
K973377		<10	<1	0.18	20	0.67	587	1	0.10	1	600	16	0.07	<2	5	94
K973378		<10	<1	0.36	10	0.85	1535	8	0.04	<1	560	538	0.87	3	6	69
K973379		<10	<1	0.02	<10	12.20	224	<1	0.03	<1	160	2	0.03	<2	<1	48
K973380		<10	<1	0.41	10	0.57	2240	9	0.04	<1	400	2150	3.80	21	3	35
K973381		<10	<1	0.34	20	0.94	1075	5	0.04	1	600	82	0.63	<2	6	80
K973382		<10	1	0.43	10	0.59	2390	41	0.04	<1	470	1545	2.41	4	4	48
K973383		<10	<1	0.19	20	0.68	496	<1	0.10	1	580	13	0.07	2	6	56
K973384		<10	<1	0.17	20	0.49	486	1	0.05	6	560	14	0.11	<2	6	48
K973385		<10	<1	0.17	20	0.72	511	1	0.08	2	570	11	0.05	2	4	65
K973386		<10	<1	0.20	20	0.52	372	1	0.08	1	560	8	0.07	2	7	66
K973387		<10	<1	0.25	20	0.61	964	<1	0.03	1	530	1785	0.47	3	6	72
K973388		10	1	0.23	10	1.13	624	44	0.31	310	680	8320	7.20	25	4	74
K973389		<10	<1	0.20	20	0.64	364	1	0.10	3	560	29	0.08	<2	4	39
K973390		<10	<1	0.19	20	0.64	330	<1	0.10	<1	560	11	0.03	<2	3	40
K973391		<10	<1	0.16	20	0.54	357	1	0.06	1	570	11	0.04	2	5	58
K973392		<10	<1	0.25	20	0.51	980	<1	0.03	1	510	74	0.10	3	7	46
K973393		<10	<1	0.25	20	0.51	965	1	0.03	<1	480	53	0.11	2	6	47
K973394		<10	<1	0.27	20	0.59	418	<1	0.11	1	560	23	0.05	<2	5	51
K973395		<10	<1	0.31	20	0.58	1385	<1	0.04	<1	500	1465	0.35	12	5	57
K973396		<10	<1	0.03	<10	12.20	214	<1	0.01	<1	170	3	0.04	<2	<1	45
K973397		<10	<1	0.22	20	0.47	439	<1	0.06	1	570	12	0.05	2	7	62
K973398		<10	<1	0.28	20	0.79	1080	1	0.03	1	740	442	0.20	4	9	92

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11185128

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973363		<20	0.06	<10	<10	49	<10	492	<1
K973364		<20	0.05	<10	<10	48	<10	118	<1
K973365		<20	0.05	<10	<10	49	<10	173	<1
K973366		<20	0.02	<10	<10	40	<10	119	1
K973367		<20	0.09	<10	<10	54	<10	45	<1
K973368		<20	0.08	<10	<10	56	<10	37	<1
K973369		<20	0.06	<10	<10	323	10	7440	32
K973370		<20	0.07	<10	<10	52	<10	169	<1
K973371		<20	0.07	<10	<10	50	<10	279	<1
K973372		<20	0.01	<10	<10	38	<10	873	2
K973373		<20	0.04	<10	<10	44	<10	1075	1
K973374		<20	<0.01	<10	<10	24	<10	5960	15
K973375		<20	<0.01	<10	<10	23	<10	1110	2
K973376		<20	<0.01	<10	<10	13	<10	1510	4
K973377		<20	0.07	<10	<10	51	<10	300	<1
K973378		<20	<0.01	<10	<10	27	<10	2070	1
K973379		<20	<0.01	<10	<10	1	<10	19	<1
K973380		<20	<0.01	<10	<10	11	<10	4240	10
K973381		<20	<0.01	<10	<10	25	<10	167	<1
K973382		<20	<0.01	<10	<10	15	<10	5450	4
K973383		<20	0.07	<10	<10	50	<10	90	<1
K973384		<20	0.05	<10	<10	45	<10	71	<1
K973385		<20	0.10	<10	<10	51	<10	38	<1
K973386		<20	0.05	<10	<10	49	<10	33	<1
K973387		<20	0.02	<10	<10	38	<10	4450	5
K973388		<20	0.05	<10	<10	313	10	7380	30
K973389		<20	0.13	<10	<10	53	<10	56	<1
K973390		<20	0.13	<10	<10	52	<10	32	<1
K973391		<20	0.06	<10	<10	47	<10	37	<1
K973392		<20	0.01	<10	<10	41	<10	165	1
K973393		<20	0.02	<10	<10	38	<10	154	1
K973394		<20	0.10	<10	<10	51	<10	50	<1
K973395		<20	0.02	<10	<10	32	<10	2510	4
K973396		<20	<0.01	<10	10	1	<10	21	<1
K973397		<20	0.04	<10	<10	43	<10	43	<1
K973398		<20	<0.01	<10	<10	41	<10	533	2

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185216

Project: Klaza DDH- 56

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185216

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269298		5.86	0.005	0.3	0.78	10	<10	470	0.6	<2	2.31	<0.5	5	7	3	2.67
K269299		3.73	1.610	39.0	0.64	3530	<10	50	0.8	29	2.12	51.7	6	3	681	4.24
K269300		3.35	0.013	0.7	0.99	49	<10	570	0.8	<2	2.22	0.8	5	6	39	2.56
K269301		9.72	<0.005	0.2	1.56	17	<10	300	1.1	<2	1.88	<0.5	5	7	7	3.14
K269302		4.73	<0.005	0.4	0.67	13	<10	1140	0.8	<2	1.74	0.6	5	4	5	2.03
K269303		13.26	<0.005	0.4	0.56	8	<10	1530	0.9	<2	3.00	<0.5	4	3	10	1.84
K269304		7.47	<0.005	0.2	0.75	7	<10	2060	1.0	<2	3.43	<0.5	4	2	3	1.85
K269305		11.25	0.006	0.5	0.82	58	<10	1050	0.9	<2	2.61	0.5	7	7	37	2.80
K269306		0.10	1.510	33.3	4.80	151	<10	40	<0.5	14	4.65	32.4	88	58	7290	8.47
K269307		11.44	0.006	0.5	0.72	18	<10	1690	0.9	<2	3.16	0.5	5	3	20	2.15
K269308		2.01	0.049	1.5	0.49	82	<10	60	0.6	<2	2.59	8.4	8	3	29	2.55
K269309		5.32	0.006	0.2	0.69	8	<10	680	0.8	<2	1.94	<0.5	6	6	5	2.44
K269310		3.02	0.164	10.1	0.68	190	<10	180	0.7	2	1.32	2.7	7	5	77	3.01
K269311		2.22	<0.005	0.3	0.05	4	<10	30	<0.5	<2	18.2	<0.5	1	1	<1	0.37
K269312		9.98	0.013	0.3	0.67	11	<10	1300	0.8	<2	1.71	0.7	4	5	5	2.05
K269313		5.06	0.270	13.6	0.54	869	<10	50	0.6	<2	1.30	30.7	4	4	163	3.57
K269314		3.65	0.039	3.6	0.61	193	<10	440	1.0	<2	2.47	0.6	3	4	23	3.33
K269315		5.21	<0.005	0.2	0.71	7	<10	1100	1.0	<2	2.00	<0.5	6	6	8	2.46
K269316		4.21	0.330	6.4	0.60	307	<10	60	0.7	<2	2.27	16.6	3	4	129	3.68
K269317		3.62	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.2	<0.5	2	1	1	0.38
K269318		10.91	<0.005	<0.2	1.02	14	<10	550	0.7	<2	2.32	<0.5	6	7	4	2.65
K269319		3.54	0.008	0.5	0.79	88	<10	250	0.6	<2	1.72	2.5	6	7	34	2.84
K269320		5.36	0.721	16.0	0.69	670	<10	30	0.7	22	2.28	152.5	9	7	316	4.02
K269321		5.17	0.007	0.3	0.77	12	<10	1070	0.6	<2	2.34	<0.5	9	5	9	2.55
K269322		5.37	<0.005	<0.2	1.38	8	<10	380	0.5	<2	1.62	<0.5	8	8	10	3.07
K269323		4.14	0.011	0.9	0.65	34	<10	820	<0.5	<2	2.68	<0.5	5	3	61	2.40
K269324		4.25	0.026	1.1	0.80	62	<10	740	0.6	<2	2.39	1.1	7	5	8	2.61
K269325		7.09	0.018	1.3	0.86	21	<10	770	0.6	<2	2.09	<0.5	6	6	25	2.60
K269326		0.12	1.485	32.6	4.93	145	<10	30	<0.5	<2	4.54	31.7	86	57	7230	8.26
K269327		3.96	0.286	7.7	0.58	379	<10	40	0.8	2	2.23	54.8	7	4	102	4.42
K269328		6.98	<0.005	<0.2	0.95	5	<10	370	<0.5	<2	1.56	<0.5	6	10	4	2.65
K269329		3.68	<0.005	<0.2	1.00	3	<10	400	<0.5	<2	1.59	<0.5	7	10	4	2.69
K269330		4.77	0.018	0.8	0.72	313	<10	340	0.5	2	2.36	2.2	6	7	38	2.73
K269331		4.97	0.516	12.8	0.52	2830	<10	20	0.5	12	0.59	89.8	7	7	282	5.56
K269332		4.27	0.107	0.7	0.65	283	<10	220	0.7	2	2.19	5.6	11	5	34	3.26
K269333		5.53	0.008	<0.2	0.76	29	<10	450	1.0	<2	3.36	0.5	6	4	4	2.16

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185216

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269298		<10	<1	0.25	20	0.68	709	<1	0.05	<1	590	17	0.16	2	7	107
K269299		<10	1	0.34	10	0.59	894	1	0.02	<1	530	6550	3.09	35	5	97
K269300		<10	<1	0.29	20	0.62	835	<1	0.02	<1	560	45	0.27	7	7	122
K269301		<10	<1	0.24	30	0.65	419	<1	0.02	<1	630	26	0.07	5	8	104
K269302		<10	<1	0.30	20	0.68	689	<1	0.02	1	910	40	0.07	4	4	140
K269303		<10	<1	0.31	20	0.67	461	1	0.05	<1	880	20	0.06	2	3	446
K269304		<10	<1	0.37	20	0.70	533	1	0.05	<1	920	22	0.08	3	3	392
K269305		<10	<1	0.37	30	0.82	838	1	0.07	<1	590	41	0.25	7	9	160
K269306		<10	1	0.24	10	1.14	641	48	0.35	310	680	8130	7.35	26	4	76
K269307		<10	<1	0.33	20	0.76	577	2	0.03	<1	960	32	0.13	5	4	295
K269308		<10	<1	0.36	20	0.74	1180	4	0.01	<1	530	215	1.36	2	5	99
K269309		<10	<1	0.32	10	0.90	650	<1	0.01	1	1120	15	0.07	4	4	180
K269310		<10	<1	0.28	10	0.65	657	3	0.01	1	960	161	1.27	17	3	95
K269311		<10	<1	0.02	<10	11.45	180	<1	0.01	<1	230	3	0.02	2	<1	53
K269312		<10	<1	0.31	20	0.64	660	2	0.02	<1	830	22	0.08	5	3	107
K269313		<10	1	0.30	10	0.55	1715	11	0.01	<1	630	861	2.27	57	3	73
K269314		<10	<1	0.39	20	0.76	2870	1	0.02	<1	570	55	0.71	11	5	130
K269315		<10	<1	0.34	10	0.99	849	<1	0.02	2	1150	15	0.08	4	4	209
K269316		<10	<1	0.38	20	0.73	2210	1	0.01	<1	510	717	1.61	27	5	90
K269317		<10	1	0.02	<10	11.60	181	<1	0.02	<1	280	2	0.08	2	<1	51
K269318		<10	1	0.24	20	0.62	556	1	0.03	1	560	17	0.13	3	7	103
K269319		<10	<1	0.24	20	0.65	799	1	0.04	1	560	32	0.51	6	6	74
K269320		<10	<1	0.28	20	0.81	1045	1	0.03	2	480	503	2.40	44	5	100
K269321		<10	1	0.31	40	0.61	561	1	0.05	1	630	15	0.20	5	6	127
K269322		10	<1	0.18	30	0.66	437	<1	0.08	2	600	15	0.11	3	6	78
K269323		<10	<1	0.33	30	0.63	675	1	0.06	1	610	14	0.34	17	4	114
K269324		<10	<1	0.24	20	0.72	713	5	0.03	1	580	65	0.29	5	7	119
K269325		<10	<1	0.28	20	0.62	962	1	0.04	1	520	19	0.21	5	6	124
K269326		10	1	0.23	<10	1.13	633	45	0.34	317	680	8380	7.34	32	4	77
K269327		<10	1	0.32	10	0.70	3290	3	0.02	2	500	770	2.57	13	6	96
K269328		<10	<1	0.18	20	0.63	490	2	0.08	1	570	8	0.05	<2	7	77
K269329		<10	<1	0.19	20	0.66	486	1	0.09	1	570	10	0.05	<2	7	78
K269330		<10	<1	0.37	20	0.57	1215	1	0.04	1	530	172	0.56	3	5	94
K269331		<10	1	0.39	10	0.24	1325	4	0.01	1	480	1555	5.18	29	2	28
K269332		<10	1	0.31	20	0.50	1270	3	0.02	1	570	131	1.02	6	5	101
K269333		<10	<1	0.34	20	1.03	719	<1	0.02	2	670	19	0.07	3	5	328

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11185216

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K269298		<20	<0.01	<10	<10	34	<10	57	1	
K269299		<20	<0.01	<10	<10	16	<10	3440	35	
K269300		<20	<0.01	<10	<10	30	<10	74	<1	
K269301		<20	<0.01	<10	<10	39	<10	45	<1	
K269302		<20	<0.01	<10	<10	18	<10	133	<1	
K269303		<20	<0.01	<10	<10	14	<10	83	<1	
K269304		<20	<0.01	<10	<10	13	<10	72	<1	
K269305		<20	<0.01	<10	<10	30	<10	106	1	
K269306		<20	0.06	<10	<10	329	<10	7810	35	
K269307		<20	<0.01	<10	<10	18	<10	91	<1	
K269308		<20	<0.01	<10	<10	12	<10	725	1	
K269309		<20	<0.01	<10	<10	31	<10	69	<1	
K269310		<20	<0.01	<10	<10	26	<10	235	9	
K269311		<20	<0.01	<10	<10	1	<10	35	<1	
K269312		<20	<0.01	<10	<10	17	<10	133	<1	
K269313		<20	<0.01	<10	<10	15	<10	2860	13	
K269314		<20	<0.01	<10	<10	12	<10	97	3	
K269315		<20	<0.01	<10	<10	30	<10	66	<1	
K269316		<20	<0.01	<10	<10	13	<10	1555	5	
K269317		<20	<0.01	<10	<10	1	<10	15	<1	
K269318		<20	<0.01	<10	<10	32	<10	44	<1	
K269319		<20	0.01	<10	<10	30	<10	287	1	
K269320		<20	<0.01	<10	<10	24	<10	>10000	15	1.460
K269321		20	<0.01	<10	<10	25	<10	68	<1	
K269322		20	0.01	<10	<10	41	<10	76	<1	
K269323		20	<0.01	<10	<10	18	<10	49	<1	
K269324		<20	<0.01	<10	<10	30	<10	111	1	
K269325		<20	<0.01	<10	<10	32	<10	53	1	
K269326		<20	0.06	<10	<10	317	<10	7210	28	
K269327		<20	<0.01	<10	<10	22	<10	3900	7	
K269328		20	0.02	<10	<10	43	<10	35	<1	
K269329		20	0.02	<10	<10	45	<10	38	<1	
K269330		20	<0.01	<10	<10	26	<10	209	<1	
K269331		<20	<0.01	<10	<10	9	<10	7440	12	
K269332		<20	<0.01	<10	<10	24	<10	441	<1	
K269333		<20	<0.01	<10	<10	32	<10	65	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185217

Project: Klaza DDH- 51

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11185217

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973292		3.49	0.012	0.3	0.87	13	<10	1640	0.6	<2	4.45	0.5	6	4	41	2.27
K973293		12.64	<0.005	0.3	1.13	10	<10	540	0.5	<2	1.75	<0.5	5	7	7	2.70
K973294		14.22	<0.005	<0.2	1.21	5	<10	180	0.5	<2	1.26	<0.5	5	9	5	2.47
K973295		6.89	<0.005	0.2	1.21	3	<10	190	<0.5	<2	1.35	<0.5	5	8	9	2.39
K973296		3.32	1.340	15.2	0.82	466	<10	50	0.5	16	1.18	14.0	9	4	386	4.21
K973297		0.10	1.430	31.6	4.83	144	<10	30	<0.5	14	4.31	30.0	82	53	7010	7.82
K973298		11.21	<0.005	<0.2	0.92	8	<10	250	0.5	<2	1.48	<0.5	6	7	21	2.36
K973299		1.85	0.414	13.3	0.40	678	<10	80	0.7	21	2.05	14.5	6	2	129	3.94
K973300		3.03	<0.005	<0.2	0.04	3	<10	<10	<0.5	<2	17.8	<0.5	2	<1	2	0.38
K973301		5.87	0.010	0.5	0.97	22	<10	420	0.6	<2	1.65	<0.5	7	5	11	2.56
K973302		3.66	0.069	2.6	0.74	338	<10	120	0.5	4	1.64	11.3	9	5	23	3.58
K973303		3.47	0.064	1.5	0.96	205	<10	230	0.7	<2	1.81	12.4	6	4	26	3.14
K973304		3.68	0.178	1.8	0.41	1150	<10	170	0.5	<2	4.39	12.9	6	3	25	2.88
K973305		8.00	<0.005	0.2	0.83	10	<10	740	0.6	<2	1.46	<0.5	5	5	5	2.58
K973306		4.84	0.289	2.7	0.60	3410	<10	150	0.7	2	1.97	11.8	7	4	100	3.67
K973307		7.32	0.049	<0.2	0.56	13	<10	490	0.7	<2	2.41	<0.5	5	5	3	2.47
K973308		6.86	<0.005	0.3	0.50	19	<10	680	0.7	<2	2.55	<0.5	5	4	11	2.55
K973309		5.25	0.013	1.4	0.63	59	<10	190	1.1	<2	2.63	13.2	7	4	23	4.06
K973310		0.10	1.510	32.3	4.91	139	<10	40	<0.5	11	4.40	30.9	85	55	7190	7.97
K973311		8.01	<0.005	0.2	0.43	4	<10	640	0.9	<2	1.30	<0.5	1	1	12	0.48
K973312		6.84	<0.005	<0.2	0.39	3	<10	470	1.0	3	0.79	<0.5	1	1	2	0.37
K973313		3.75	<0.005	0.2	0.74	14	<10	530	1.1	<2	1.95	<0.5	5	4	5	2.47
K973314		5.94	0.009	0.6	1.02	18	<10	800	0.9	<2	2.74	<0.5	4	4	7	2.84
K973315		12.11	<0.005	0.3	0.49	5	<10	750	0.8	<2	2.42	<0.5	4	4	8	1.69
K973316		12.83	<0.005	<0.2	0.56	4	<10	680	0.8	<2	2.47	<0.5	4	5	2	1.77
K973317		11.01	<0.005	0.2	0.54	3	<10	880	0.8	<2	2.60	<0.5	4	4	5	1.85
K973318		5.60	<0.005	0.2	0.52	4	<10	440	0.8	<2	2.41	<0.5	4	3	6	1.77
K973319		9.80	<0.005	<0.2	0.56	6	<10	1150	0.9	<2	3.16	<0.5	4	4	7	2.05
K973320		1.29	<0.005	0.2	0.04	<2	<10	<10	<0.5	<2	18.3	<0.5	2	<1	2	0.44
K973321		6.36	0.307	13.3	0.47	171	<10	60	0.8	19	1.71	17.0	8	6	231	3.41
K973322		8.57	0.013	0.2	0.50	23	<10	580	0.7	<2	1.84	<0.5	6	4	11	2.26
K973323		2.73	0.102	0.7	0.36	177	<10	370	0.6	<2	1.54	1.3	5	3	13	2.70
K973324		11.94	0.011	0.3	0.53	38	<10	420	0.7	<2	2.05	0.5	5	4	8	2.49
K973325		2.21	0.573	2.3	0.35	1435	<10	30	<0.5	2	2.08	5.8	5	2	51	3.93
K973326		4.32	0.046	0.5	0.39	122	<10	800	0.6	<2	2.77	0.9	7	3	8	2.30
K973327		12.08	0.005	0.2	0.83	16	<10	300	0.7	<2	2.38	0.9	6	4	6	2.36

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Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11185217

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973292		<10	1	0.23	30	0.73	539	2	0.04	1	520	39	0.19	7	4	134
K973293		<10	<1	0.16	20	0.69	595	1	0.07	1	560	48	0.16	<2	6	87
K973294		10	<1	0.11	20	0.71	399	2	0.08	2	560	9	0.05	2	5	81
K973295		<10	<1	0.14	20	0.67	438	1	0.10	1	600	7	0.03	2	6	76
K973296		<10	<1	0.24	10	0.42	654	1	0.02	3	510	547	3.01	7	5	56
K973297		10	1	0.22	10	1.11	594	44	0.32	281	650	7950	7.08	29	4	75
K973298		<10	<1	0.16	20	0.57	468	1	0.06	2	570	21	0.06	<2	6	76
K973299		<10	<1	0.26	10	0.74	1835	1	0.01	<1	470	677	2.35	14	4	55
K973300		<10	1	0.02	<10	11.85	180	<1	0.01	<1	240	4	0.01	<2	<1	52
K973301		<10	<1	0.17	20	0.58	440	2	0.04	1	600	20	0.33	3	8	78
K973302		<10	<1	0.22	20	0.54	665	3	0.03	1	500	611	1.94	3	5	71
K973303		<10	<1	0.22	20	0.55	555	1	0.02	<1	550	326	0.91	2	7	93
K973304		<10	<1	0.21	20	0.66	1195	1	0.01	<1	530	336	1.18	4	6	111
K973305		<10	<1	0.13	30	0.54	495	2	0.03	<1	600	8	0.07	2	9	68
K973306		<10	<1	0.22	20	0.62	772	1	0.02	1	560	283	1.42	16	7	76
K973307		<10	<1	0.19	20	0.75	627	1	0.01	1	540	11	0.05	<2	9	105
K973308		<10	<1	0.22	20	0.79	865	3	0.01	1	520	17	0.34	3	7	117
K973309		<10	<1	0.25	20	0.75	1335	2	0.01	1	480	665	1.34	2	5	136
K973310		10	1	0.23	10	1.13	605	46	0.33	291	650	8030	7.19	29	4	78
K973311		<10	<1	0.20	<10	0.22	492	<1	0.01	<1	20	45	0.05	3	1	75
K973312		<10	<1	0.18	<10	0.17	338	1	0.01	<1	10	44	0.03	2	1	57
K973313		<10	<1	0.20	20	0.49	612	3	0.03	1	560	25	0.23	2	7	133
K973314		<10	<1	0.22	30	0.59	688	2	0.02	<1	580	39	0.26	3	7	129
K973315		<10	<1	0.24	10	0.77	547	<1	0.01	4	690	16	0.04	3	5	171
K973316		<10	<1	0.26	20	0.76	531	<1	0.01	2	790	10	0.02	2	5	230
K973317		<10	<1	0.25	20	0.81	613	<1	0.01	2	800	11	0.03	2	5	205
K973318		<10	<1	0.25	20	0.75	575	<1	0.01	1	790	12	0.02	3	5	191
K973319		<10	<1	0.26	20	1.03	783	<1	0.02	3	750	14	0.06	3	5	166
K973320		<10	<1	0.02	<10	12.20	210	<1	0.01	<1	160	2	0.01	<2	<1	49
K973321		<10	1	0.21	10	0.71	1335	7	0.01	10	440	1935	1.73	41	4	107
K973322		<10	<1	0.19	20	0.68	667	1	0.01	1	460	12	0.13	5	6	79
K973323		<10	<1	0.22	20	0.63	1175	3	0.01	<1	310	84	0.69	5	3	49
K973324		<10	<1	0.22	20	0.75	897	1	0.01	<1	480	30	0.23	4	7	82
K973325		<10	<1	0.27	10	0.77	1630	4	0.01	1	280	178	2.80	22	2	37
K973326		<10	<1	0.20	10	0.97	1260	4	0.01	2	500	49	0.35	6	6	74
K973327		<10	<1	0.21	20	0.61	591	1	0.01	<1	560	32	0.13	2	8	82

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11185217

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973292		<20	<0.01	<10	10	25	<10	63	1
K973293		<20	0.02	<10	<10	45	<10	64	1
K973294		<20	0.06	<10	<10	48	<10	28	1
K973295		<20	0.07	<10	<10	51	<10	31	<1
K973296		<20	<0.01	<10	<10	19	<10	1055	11
K973297		<20	0.05	<10	<10	301	10	7010	32
K973298		<20	0.03	<10	<10	38	<10	57	1
K973299		<20	<0.01	<10	<10	12	<10	1300	13
K973300		<20	<0.01	<10	<10	1	<10	17	<1
K973301		<20	0.01	<10	<10	34	<10	50	1
K973302		<20	<0.01	<10	10	25	<10	737	2
K973303		<20	<0.01	<10	<10	27	<10	784	2
K973304		<20	<0.01	<10	<10	24	<10	879	2
K973305		<20	<0.01	<10	<10	33	<10	40	<1
K973306		<20	<0.01	<10	<10	26	<10	901	3
K973307		<20	<0.01	<10	<10	31	<10	46	1
K973308		<20	<0.01	<10	<10	25	<10	55	<1
K973309		<20	<0.01	<10	10	21	<10	1055	1
K973310		<20	0.05	<10	10	309	10	7220	30
K973311		20	<0.01	<10	<10	1	<10	29	1
K973312		<20	<0.01	<10	<10	<1	<10	19	<1
K973313		<20	<0.01	<10	<10	24	<10	59	<1
K973314		<20	<0.01	<10	<10	24	<10	68	1
K973315		<20	<0.01	<10	<10	19	<10	44	<1
K973316		<20	<0.01	<10	<10	22	<10	38	<1
K973317		<20	<0.01	<10	<10	20	<10	41	1
K973318		<20	<0.01	<10	<10	19	<10	39	<1
K973319		<20	<0.01	<10	<10	22	<10	50	1
K973320		<20	<0.01	<10	<10	1	<10	13	<1
K973321		<20	<0.01	<10	10	15	<10	1520	13
K973322		20	<0.01	<10	<10	25	<10	40	<1
K973323		20	<0.01	<10	10	12	<10	135	<1
K973324		<20	<0.01	<10	<10	25	<10	64	1
K973325		<20	<0.01	<10	10	7	<10	497	2
K973326		<20	<0.01	<10	<10	22	<10	97	1
K973327		<20	<0.01	<10	<10	31	<10	85	1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185218

Project: Klaza PDH- 11- 15

P.O. No.:

This report is for 36 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11185218

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835885		2.42	<0.005	<0.2	0.60	3	<10	1960	0.7	2	0.51	<0.5	2	10	5	0.73
L835886		1.90	<0.005	<0.2	0.54	3	<10	510	0.5	2	0.60	<0.5	2	11	2	0.81
L835887		2.16	<0.005	<0.2	0.38	<2	<10	250	<0.5	2	0.88	<0.5	2	15	5	0.85
L835888		1.77	<0.005	<0.2	0.38	<2	<10	380	<0.5	3	1.12	<0.5	2	14	2	0.84
L835889		1.61	<0.005	<0.2	0.54	3	<10	970	0.5	2	0.49	<0.5	2	10	3	0.85
L835890		2.00	<0.005	<0.2	0.54	3	<10	1130	<0.5	2	0.84	<0.5	2	8	1	0.95
L835891		2.67	<0.005	<0.2	0.48	<2	<10	670	<0.5	3	0.68	<0.5	1	12	3	0.95
L835892		2.35	<0.005	<0.2	0.46	<2	<10	1100	<0.5	2	0.77	<0.5	1	14	4	0.95
L835893		1.77	<0.005	0.2	0.44	<2	<10	770	<0.5	3	1.27	<0.5	1	14	12	0.91
L835894		1.48	<0.005	<0.2	1.11	3	<10	290	0.8	4	1.78	<0.5	4	9	4	1.91
L835895		1.94	<0.005	<0.2	1.17	3	<10	220	0.8	4	1.93	<0.5	4	10	5	2.22
L835896		1.28	<0.005	<0.2	0.07	<2	<10	20	<0.5	3	20.1	<0.5	1	1	2	0.48
L835897		0.90	<0.005	<0.2	1.25	3	<10	660	1.2	4	2.96	<0.5	6	9	2	2.63
L835898		1.32	<0.005	<0.2	1.12	3	<10	3010	1.0	4	2.56	<0.5	6	10	13	2.62
L835899		1.04	<0.005	<0.2	0.97	2	<10	880	1.0	4	4.18	<0.5	5	7	3	2.15
L835900		2.18	<0.005	<0.2	1.39	5	<10	490	0.9	3	2.94	<0.5	7	11	11	2.62
L835901		1.08	0.012	0.3	1.96	2	<10	400	1.0	11	1.67	<0.5	8	16	106	3.36
L835902		2.46	<0.005	<0.2	1.64	4	<10	220	0.9	5	2.72	<0.5	8	14	34	2.97
L835903		1.44	<0.005	<0.2	1.60	4	<10	180	0.8	4	1.91	<0.5	8	13	8	2.90
L835904		1.79	<0.005	<0.2	1.55	2	<10	220	0.8	3	2.87	<0.5	7	13	5	2.73
L835905		1.39	<0.005	<0.2	1.85	3	<10	290	0.8	4	1.98	<0.5	8	16	14	3.13
L835906		1.92	<0.005	<0.2	1.42	3	<10	180	0.6	3	1.41	<0.5	6	15	3	2.48
L835907		1.64	<0.005	<0.2	0.62	2	<10	630	<0.5	3	2.10	<0.5	2	10	3	0.96
L835908		2.20	<0.005	<0.2	0.50	2	<10	420	<0.5	3	1.41	<0.5	2	15	8	1.02
L835909		0.08	1.675	31.7	4.79	146	<10	40	<0.5	6	4.62	32.2	82	56	6950	8.27
L835910		0.80	<0.005	<0.2	0.48	<2	<10	180	<0.5	2	1.16	<0.5	1	12	8	1.01
L835911		2.29	<0.005	<0.2	0.48	2	<10	110	<0.5	3	0.88	<0.5	1	12	4	0.91
L835912		1.29	<0.005	<0.2	0.56	2	<10	100	<0.5	3	0.56	<0.5	1	10	2	1.07
L835913		2.17	<0.005	<0.2	0.59	2	<10	100	<0.5	3	0.59	<0.5	1	9	1	1.06
L835914		1.75	<0.005	<0.2	0.68	<2	<10	410	<0.5	3	0.69	<0.5	1	13	2	1.17
L835915		1.93	<0.005	<0.2	0.50	2	<10	370	<0.5	3	0.93	<0.5	1	9	4	0.90
L835916		0.70	<0.005	<0.2	0.40	3	<10	130	<0.5	3	0.56	<0.5	1	9	2	0.84
L835917		1.98	<0.005	<0.2	0.45	5	<10	310	<0.5	3	0.66	<0.5	1	12	8	1.05
L835918		1.46	<0.005	<0.2	0.05	<2	<10	10	<0.5	4	19.6	<0.5	1	1	1	0.46
L835919		1.12	<0.005	<0.2	0.53	3	<10	510	<0.5	3	0.97	<0.5	1	10	5	0.97
L835920		1.30	<0.005	<0.2	0.45	4	<10	260	<0.5	3	0.66	<0.5	1	7	7	0.88

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11185218

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835885		<10	1	0.24	20	0.13	374	3	0.01	3	100	8	0.07	<2	1	55
L835886		<10	<1	0.22	20	0.04	550	2	0.01	2	90	16	0.02	<2	1	45
L835887		<10	<1	0.24	20	0.03	500	2	0.05	3	90	19	0.01	2	1	52
L835888		<10	<1	0.21	20	0.05	550	2	0.05	3	90	13	0.02	<2	1	67
L835889		<10	1	0.23	20	0.12	297	1	0.03	3	100	13	0.04	<2	1	51
L835890		<10	1	0.21	20	0.09	363	<1	0.05	2	90	12	0.04	<2	1	49
L835891		<10	<1	0.21	20	0.06	333	2	0.04	2	90	11	0.01	2	1	41
L835892		<10	<1	0.21	20	0.07	359	2	0.05	2	90	11	0.02	4	1	50
L835893		<10	<1	0.21	20	0.08	585	2	0.05	2	80	29	0.01	4	<1	88
L835894		<10	<1	0.23	30	0.39	663	1	0.04	1	290	13	<0.01	4	4	130
L835895		<10	<1	0.18	30	0.39	649	1	0.04	1	350	22	<0.01	3	4	109
L835896		<10	<1	0.03	<10	12.20	208	<1	0.02	<1	170	<2	<0.01	4	<1	62
L835897		<10	<1	0.26	10	0.44	795	1	0.03	1	360	13	0.01	4	5	133
L835898		<10	<1	0.25	20	0.36	700	1	0.04	1	460	11	0.07	5	5	128
L835899		<10	<1	0.28	10	0.25	1050	1	0.02	1	330	12	0.01	4	4	144
L835900		<10	<1	0.25	20	0.53	906	1	0.03	1	460	11	<0.01	3	6	137
L835901		10	<1	0.32	20	0.95	810	1	0.05	2	530	7	<0.01	3	8	148
L835902		10	<1	0.23	30	0.75	861	1	0.04	3	490	6	<0.01	2	6	181
L835903		10	<1	0.20	30	0.77	652	1	0.03	2	530	9	<0.01	4	6	103
L835904		10	<1	0.26	30	0.72	863	<1	0.03	2	550	5	<0.01	3	6	158
L835905		10	<1	0.25	30	0.89	847	1	0.03	3	560	7	<0.01	3	7	137
L835906		10	<1	0.19	30	0.62	629	1	0.03	1	430	5	<0.01	2	5	87
L835907		<10	<1	0.18	20	0.17	443	1	0.05	3	130	13	<0.01	4	2	67
L835908		<10	<1	0.19	20	0.12	345	2	0.05	2	130	13	<0.01	3	1	51
L835909		10	1	0.24	<10	1.15	609	46	0.33	296	660	8120	7.08	26	4	79
L835910		<10	<1	0.21	20	0.09	308	1	0.07	1	120	16	<0.01	3	1	41
L835911		<10	<1	0.18	20	0.10	308	1	0.05	1	80	12	<0.01	2	1	55
L835912		<10	<1	0.17	20	0.11	260	1	0.05	1	90	10	<0.01	3	1	38
L835913		<10	<1	0.15	20	0.12	310	1	0.05	<1	90	11	<0.01	3	1	36
L835914		<10	<1	0.18	20	0.13	325	1	0.06	1	100	11	<0.01	4	1	45
L835915		<10	<1	0.20	20	0.08	325	1	0.06	<1	90	11	<0.01	4	1	53
L835916		<10	<1	0.16	20	0.07	239	1	0.06	<1	90	7	<0.01	2	1	28
L835917		<10	<1	0.17	20	0.06	314	1	0.06	1	90	11	0.01	3	1	38
L835918		<10	<1	0.02	<10	11.70	211	<1	0.02	<1	150	<2	<0.01	3	<1	47
L835919		<10	<1	0.15	20	0.10	295	1	0.05	1	90	8	0.01	4	1	37
L835920		<10	<1	0.15	20	0.15	282	1	0.05	<1	80	7	0.01	5	1	31

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VANCOUVER BC V6B 1L8

Finalized Date: 5- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11185218

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835885		<20	<0.01	<10	<10	3	<10	16	1
L835886		20	<0.01	<10	<10	2	<10	15	<1
L835887		20	<0.01	<10	<10	2	<10	13	1
L835888		20	<0.01	<10	<10	2	<10	13	<1
L835889		20	<0.01	<10	10	2	<10	13	<1
L835890		20	<0.01	<10	<10	3	<10	15	<1
L835891		20	<0.01	<10	<10	3	<10	16	<1
L835892		20	<0.01	<10	<10	3	<10	16	<1
L835893		20	<0.01	<10	<10	3	<10	19	<1
L835894		20	0.02	<10	<10	27	<10	41	<1
L835895		20	0.01	<10	<10	32	<10	52	<1
L835896		<20	<0.01	<10	<10	1	<10	13	1
L835897		20	<0.01	<10	10	30	<10	88	<1
L835898		20	<0.01	<10	10	31	<10	72	<1
L835899		20	<0.01	<10	10	24	<10	54	1
L835900		20	0.01	<10	<10	44	<10	56	<1
L835901		20	0.05	<10	<10	65	<10	56	<1
L835902		20	0.02	<10	<10	57	<10	52	<1
L835903		20	0.01	<10	<10	58	<10	61	<1
L835904		20	0.01	<10	<10	53	<10	58	<1
L835905		20	0.02	<10	<10	61	<10	68	<1
L835906		20	0.02	<10	<10	46	<10	55	<1
L835907		20	0.01	<10	<10	11	<10	15	<1
L835908		20	<0.01	<10	<10	10	<10	16	<1
L835909		<20	0.05	<10	<10	315	20	7430	30
L835910		20	<0.01	<10	<10	6	<10	20	<1
L835911		20	<0.01	<10	<10	4	<10	14	<1
L835912		20	<0.01	<10	<10	5	<10	16	<1
L835913		20	0.01	<10	<10	5	<10	17	<1
L835914		20	<0.01	<10	<10	5	<10	17	<1
L835915		20	<0.01	<10	<10	5	<10	13	<1
L835916		20	<0.01	<10	<10	6	<10	10	<1
L835917		20	<0.01	<10	<10	6	<10	16	<1
L835918		<20	<0.01	<10	<10	1	<10	13	<1
L835919		20	<0.01	<10	<10	5	<10	13	<1
L835920		20	<0.01	<10	<10	5	<10	14	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11185219

Project: Klaza PDH- 11- 15

P.O. No.:

This report is for 36 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 8- NOV- 2011
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Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11185219

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L835849		1.58	<0.005	<0.2	0.31	2	<10	600	<0.5	<2	0.75	<0.5	1	10	4	0.76
L835850		2.31	<0.005	<0.2	0.31	3	<10	430	<0.5	<2	0.67	<0.5	<1	9	3	0.90
L835851		1.05	<0.005	0.2	0.04	5	<10	10	<0.5	<2	17.9	<0.5	1	<1	1	0.42
L835852		1.95	<0.005	<0.2	0.36	5	<10	780	<0.5	<2	0.49	<0.5	<1	7	6	0.74
L835853		1.86	<0.005	<0.2	0.32	4	<10	450	<0.5	<2	0.49	<0.5	<1	8	4	0.84
L835854		1.79	<0.005	<0.2	0.35	4	<10	400	<0.5	<2	0.54	<0.5	<1	8	7	0.79
L835855		2.25	<0.005	0.2	0.35	7	<10	1560	<0.5	<2	0.25	<0.5	1	8	11	0.78
L835856		1.68	<0.005	<0.2	0.37	3	<10	660	0.5	<2	0.61	<0.5	<1	7	2	0.71
L835857		1.53	<0.005	<0.2	0.39	7	<10	1840	<0.5	<2	0.43	<0.5	<1	7	2	0.80
L835858		2.33	<0.005	<0.2	0.28	4	<10	580	<0.5	<2	0.38	<0.5	<1	8	3	0.77
L835859		2.16	<0.005	<0.2	0.31	3	<10	680	<0.5	<2	0.48	<0.5	<1	6	2	0.71
L835860		2.69	<0.005	<0.2	0.36	4	<10	430	<0.5	<2	0.59	<0.5	<1	7	1	0.92
L835861		2.29	<0.005	<0.2	0.28	3	<10	250	<0.5	<2	0.65	<0.5	<1	8	1	0.78
L835862		1.39	<0.005	<0.2	0.29	5	<10	380	<0.5	<2	0.26	<0.5	<1	6	3	0.67
L835863		2.08	<0.005	<0.2	0.30	2	<10	430	<0.5	<2	0.37	<0.5	<1	9	2	0.70
L835864		1.76	<0.005	<0.2	0.35	3	<10	850	<0.5	<2	0.49	<0.5	<1	7	4	0.79
L835865		2.40	<0.005	<0.2	0.36	5	<10	580	<0.5	<2	0.65	0.5	<1	7	3	0.77
L835866		0.07	1.560	30.9	4.57	139	<10	40	<0.5	14	4.55	31.2	85	53	6690	8.23
L835867		1.78	<0.005	<0.2	0.36	4	<10	670	<0.5	<2	0.90	<0.5	<1	8	17	0.82
L835868		2.11	<0.005	<0.2	0.37	3	<10	740	<0.5	<2	0.56	<0.5	<1	7	2	0.71
L835869		1.88	0.005	<0.2	0.28	5	<10	510	<0.5	<2	0.58	<0.5	<1	11	5	0.82
L835870		1.86	<0.005	<0.2	0.29	2	<10	480	<0.5	<2	0.45	<0.5	<1	13	6	0.88
L835871		1.33	<0.005	<0.2	0.31	3	<10	310	<0.5	<2	0.72	<0.5	<1	9	3	0.85
L835872		2.88	<0.005	<0.2	0.34	3	<10	420	<0.5	<2	0.54	<0.5	1	10	2	0.81
L835873		2.45	<0.005	<0.2	0.24	5	<10	400	<0.5	<2	0.66	<0.5	<1	14	3	0.84
L835874		1.79	<0.005	<0.2	0.29	4	<10	170	<0.5	<2	0.76	<0.5	<1	12	2	0.91
L835875		2.53	<0.005	<0.2	0.26	3	<10	120	<0.5	<2	0.53	<0.5	<1	12	2	0.84
L835876		3.02	<0.005	0.4	0.28	3	<10	330	<0.5	<2	0.53	0.7	<1	13	4	0.91
L835877		2.02	<0.005	<0.2	0.28	3	<10	300	<0.5	<2	0.63	<0.5	<1	8	2	0.82
L835878		1.98	<0.005	0.2	0.33	<2	<10	580	<0.5	<2	0.88	<0.5	1	9	3	0.83
L835879		1.99	<0.005	<0.2	0.33	<2	<10	490	<0.5	<2	0.53	<0.5	1	5	3	0.78
L835880		1.75	<0.005	0.3	0.04	<2	<10	10	<0.5	<2	19.6	<0.5	<1	<1	<1	0.45
L835881		1.88	<0.005	0.2	0.32	<2	<10	710	<0.5	<2	0.67	<0.5	1	8	5	0.89
L835882		1.40	<0.005	0.2	0.30	6	<10	1130	0.6	<2	0.84	<0.5	<1	7	2	0.71
L835883		3.00	<0.005	0.4	0.38	5	<10	1260	0.8	<2	0.99	<0.5	<1	5	<1	0.67
L835884		2.04	<0.005	0.3	0.38	2	<10	1180	0.6	<2	0.46	<0.5	1	5	6	0.66

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11185219

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835849		<10	<1	0.18	20	0.05	380	2	0.03	2	100	13	0.02	<2	<1	23
L835850		<10	<1	0.15	20	0.06	296	2	0.03	1	100	11	0.01	2	1	23
L835851		<10	<1	0.02	<10	11.00	197	<1	<0.01	1	140	2	0.01	<2	<1	45
L835852		<10	<1	0.17	20	0.06	333	1	0.02	1	100	18	0.02	3	<1	25
L835853		<10	<1	0.19	20	0.07	408	1	0.02	2	100	10	0.02	<2	<1	23
L835854		<10	<1	0.19	20	0.05	334	2	0.02	1	100	7	0.01	<2	<1	23
L835855		<10	<1	0.15	20	0.04	295	2	0.01	1	90	90	0.04	3	1	28
L835856		<10	<1	0.22	20	0.04	366	1	0.01	1	100	15	0.02	<2	<1	34
L835857		<10	<1	0.18	20	0.03	535	2	0.02	1	90	55	0.05	2	1	33
L835858		<10	<1	0.14	20	0.03	441	2	0.02	1	80	10	0.02	<2	1	25
L835859		<10	<1	0.18	20	0.04	376	1	0.01	1	100	14	0.02	<2	<1	32
L835860		<10	<1	0.19	20	0.04	462	1	0.02	1	100	9	0.01	<2	<1	33
L835861		<10	<1	0.16	20	0.03	496	2	0.03	1	90	7	0.01	2	1	36
L835862		<10	<1	0.15	20	0.03	397	1	0.01	1	70	15	0.01	<2	<1	25
L835863		<10	<1	0.20	20	0.03	273	2	0.02	1	90	8	0.01	<2	<1	28
L835864		<10	<1	0.19	20	0.04	319	1	0.01	1	90	9	0.02	2	<1	34
L835865		<10	<1	0.16	20	0.04	345	1	0.01	1	100	8	0.02	2	1	33
L835866		10	1	0.23	10	1.12	612	44	0.33	299	650	7810	7.06	29	4	78
L835867		<10	<1	0.18	20	0.04	381	1	0.02	2	110	14	0.03	<2	1	50
L835868		<10	<1	0.15	20	0.04	470	1	<0.01	1	70	8	0.02	2	1	35
L835869		<10	<1	0.16	20	0.03	300	2	0.03	2	80	12	0.02	2	1	34
L835870		<10	<1	0.15	20	0.03	383	2	0.04	2	90	11	0.01	<2	1	29
L835871		<10	<1	0.13	20	0.04	444	2	0.02	1	90	9	0.01	2	1	43
L835872		<10	<1	0.18	20	0.03	580	2	0.02	2	90	21	0.01	<2	1	39
L835873		<10	<1	0.15	20	0.03	545	3	0.03	2	90	11	0.01	2	1	38
L835874		<10	<1	0.17	20	0.03	597	2	0.04	2	90	10	0.01	3	1	43
L835875		<10	<1	0.15	20	0.04	425	2	0.03	2	90	9	0.01	<2	1	30
L835876		<10	<1	0.15	20	0.04	442	2	0.05	2	90	80	0.01	2	1	34
L835877		<10	<1	0.14	20	0.04	404	1	0.03	1	90	12	0.01	<2	1	36
L835878		<10	<1	0.17	20	0.04	458	3	0.03	<1	90	14	0.03	<2	1	54
L835879		<10	<1	0.16	20	0.04	419	2	0.03	<1	80	10	0.02	3	1	36
L835880		<10	<1	0.03	<10	12.10	207	1	<0.01	<1	170	<2	0.02	2	<1	49
L835881		<10	<1	0.18	20	0.08	408	3	0.03	<1	100	8	0.03	4	1	35
L835882		<10	<1	0.19	20	0.12	415	4	0.01	<1	70	36	0.08	3	<1	49
L835883		<10	<1	0.22	20	0.08	437	17	<0.01	<1	90	25	0.07	4	<1	65
L835884		<10	<1	0.19	20	0.13	364	4	<0.01	<1	90	29	0.06	3	<1	54

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11185219

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835849		20	<0.01	<10	<10	3	<10	13	2
L835850		20	<0.01	<10	<10	3	<10	13	<1
L835851		<20	<0.01	<10	<10	1	<10	13	<1
L835852		20	<0.01	<10	<10	2	<10	13	<1
L835853		20	<0.01	<10	<10	2	<10	14	<1
L835854		20	<0.01	<10	<10	2	<10	13	<1
L835855		20	<0.01	<10	<10	2	<10	16	<1
L835856		20	<0.01	<10	<10	2	<10	13	<1
L835857		20	<0.01	<10	<10	2	<10	19	<1
L835858		20	<0.01	<10	<10	2	<10	14	<1
L835859		20	<0.01	<10	<10	1	<10	9	<1
L835860		20	<0.01	<10	<10	2	<10	9	<1
L835861		20	<0.01	<10	<10	2	<10	11	<1
L835862		20	<0.01	<10	<10	3	<10	14	<1
L835863		20	<0.01	<10	<10	2	<10	9	<1
L835864		20	<0.01	<10	<10	2	<10	11	<1
L835865		20	<0.01	<10	<10	2	<10	16	<1
L835866		<20	0.05	<10	10	306	<10	7040	31
L835867		20	<0.01	<10	<10	3	<10	31	<1
L835868		20	<0.01	<10	<10	2	<10	16	<1
L835869		20	<0.01	<10	<10	2	<10	12	<1
L835870		20	<0.01	<10	<10	2	<10	12	<1
L835871		20	<0.01	<10	<10	2	<10	11	<1
L835872		20	<0.01	<10	<10	2	<10	14	<1
L835873		20	<0.01	<10	<10	2	<10	13	<1
L835874		20	<0.01	<10	<10	2	<10	15	<1
L835875		20	<0.01	<10	<10	2	<10	13	<1
L835876		20	<0.01	<10	<10	2	<10	29	<1
L835877		20	<0.01	<10	<10	2	<10	13	<1
L835878		20	<0.01	<10	<10	2	<10	13	<1
L835879		20	<0.01	<10	<10	2	<10	12	<1
L835880		<20	<0.01	<10	<10	1	<10	16	<1
L835881		20	<0.01	<10	<10	2	<10	14	<1
L835882		20	<0.01	<10	10	1	<10	15	<1
L835883		20	<0.01	<10	40	1	<10	13	<1
L835884		20	<0.01	<10	10	1	<10	14	<1

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186300

Project: Klaza PDH- 11- 15

P.O. No.:

This report is for 36 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11186300

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
L835813		1.71	<0.005	0.2	1.38	<2	<10	170	<0.5	<2	1.54	<0.5	7	12	2	2.80
L835814		2.25	<0.005	<0.2	1.34	3	<10	200	0.5	<2	2.46	<0.5	7	9	2	2.69
L835815		1.41	<0.005	0.3	1.41	4	<10	210	<0.5	<2	2.77	<0.5	8	6	1	2.87
L835816		1.00	<0.005	0.4	1.62	2	<10	360	<0.5	<2	3.04	<0.5	8	9	<1	3.10
L835817		2.03	<0.005	0.2	1.69	<2	<10	840	0.5	<2	2.98	0.5	8	10	<1	3.12
L835818		1.58	<0.005	0.2	1.38	6	<10	530	0.6	<2	3.43	<0.5	8	7	1	2.92
L835819		1.74	<0.005	0.2	1.38	<2	<10	460	0.5	<2	2.31	<0.5	7	9	6	2.72
L835820		1.58	<0.005	0.2	1.27	4	<10	280	<0.5	<2	1.93	<0.5	6	10	12	2.59
L835821		0.08	1.515	32.8	4.89	153	<10	40	<0.5	<2	4.64	33.0	86	53	7070	8.27
L835822		1.41	<0.005	0.2	1.25	4	<10	1830	0.5	<2	2.36	<0.5	6	7	8	2.80
L835823		1.47	<0.005	0.2	0.92	<2	<10	950	0.5	<2	2.82	<0.5	6	7	1	2.33
L835824		1.07	<0.005	0.2	1.12	3	<10	400	0.5	<2	1.93	<0.5	7	7	1	2.39
L835825		1.90	<0.005	0.3	0.95	5	<10	720	0.5	<2	2.78	<0.5	6	5	8	2.26
L835826		1.73	<0.005	0.2	1.36	3	<10	710	<0.5	<2	2.19	<0.5	7	9	1	2.60
L835827		2.23	<0.005	0.2	1.46	<2	<10	260	0.5	<2	2.34	<0.5	6	9	4	2.69
L835828		1.84	<0.005	0.2	0.99	2	<10	1420	0.7	<2	3.24	<0.5	6	5	5	2.22
L835829		1.59	<0.005	0.2	1.02	<2	<10	360	0.8	<2	3.28	<0.5	6	5	12	2.27
L835830		2.06	<0.005	0.4	0.85	2	<10	330	0.5	<2	1.51	<0.5	4	6	2	1.66
L835831		1.65	<0.005	0.2	0.41	<2	<10	940	<0.5	<2	0.59	<0.5	1	8	2	0.82
L835832		1.60	<0.005	0.2	0.42	<2	<10	520	<0.5	<2	0.53	<0.5	1	7	4	0.72
L835833		2.06	<0.005	0.2	0.47	<2	<10	920	<0.5	<2	0.59	<0.5	1	7	6	0.80
L835834		1.57	<0.005	0.3	0.05	2	<10	30	<0.5	<2	19.5	<0.5	<1	<1	<1	0.45
L835835		1.51	<0.005	0.2	0.39	2	<10	410	<0.5	<2	0.82	<0.5	1	7	5	0.66
L835836		1.54	<0.005	<0.2	0.36	<2	<10	770	<0.5	<2	0.71	<0.5	1	8	2	0.76
L835837		1.72	<0.005	0.2	0.40	<2	<10	570	<0.5	<2	0.60	<0.5	1	9	7	0.90
L835838		1.54	<0.005	0.2	0.37	<2	<10	660	<0.5	<2	1.72	<0.5	1	8	4	0.75
L835839		1.74	<0.005	<0.2	0.45	<2	<10	1010	<0.5	<2	0.64	<0.5	1	8	8	0.87
L835840		1.54	<0.005	0.2	0.52	<2	<10	370	<0.5	<2	0.47	<0.5	1	6	17	0.88
L835841		1.65	<0.005	<0.2	0.50	2	<10	580	<0.5	<2	1.32	<0.5	1	4	1	0.91
L835842		1.90	<0.005	0.2	0.44	4	<10	950	<0.5	<2	0.82	<0.5	1	12	15	0.93
L835843		2.06	<0.005	<0.2	0.40	4	<10	1230	<0.5	<2	0.98	<0.5	<1	11	8	0.90
L835844		2.08	<0.005	<0.2	0.37	2	<10	710	<0.5	<2	0.63	<0.5	<1	13	5	0.85
L835845		1.91	<0.005	0.3	0.42	4	<10	410	<0.5	<2	0.66	<0.5	1	14	12	0.89
L835846		2.35	<0.005	0.2	0.36	3	<10	460	<0.5	<2	0.74	<0.5	<1	14	3	0.82
L835847		2.54	<0.005	0.2	0.39	<2	<10	720	<0.5	<2	0.90	<0.5	1	12	4	0.82
L835848		1.96	<0.005	0.2	0.54	5	<10	700	<0.5	<2	0.66	<0.5	1	9	4	0.72

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11186300

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835813		10	<1	0.18	30	0.80	667	1	0.07	2	470	5	0.01	<2	5	51
L835814		10	<1	0.17	30	0.69	710	1	0.04	<1	510	13	0.01	3	5	70
L835815		10	<1	0.16	30	0.86	791	1	0.07	<1	570	29	0.02	5	6	78
L835816		10	<1	0.24	30	1.04	962	1	0.07	1	600	15	0.02	3	7	88
L835817		10	<1	0.23	30	1.06	962	1	0.08	1	570	8	0.04	3	7	102
L835818		<10	<1	0.16	30	0.74	870	1	0.05	<1	570	10	0.03	4	8	121
L835819		10	<1	0.18	30	0.73	720	2	0.06	1	500	5	0.02	2	7	74
L835820		<10	<1	0.19	30	0.68	672	2	0.06	<1	440	7	0.02	<2	5	57
L835821		10	1	0.23	<10	1.16	620	45	0.35	315	680	8220	7.29	29	4	79
L835822		10	<1	0.17	30	0.64	900	1	0.06	1	490	13	0.06	6	6	90
L835823		<10	<1	0.20	20	0.26	746	2	0.04	<1	480	10	0.03	3	6	68
L835824		<10	<1	0.21	20	0.58	686	2	0.04	<1	440	5	0.02	4	5	51
L835825		<10	<1	0.27	20	0.31	794	2	0.03	<1	470	10	0.03	<2	4	52
L835826		<10	<1	0.22	30	0.83	807	1	0.05	1	500	5	0.03	2	5	61
L835827		10	<1	0.22	20	0.82	956	1	0.05	<1	510	6	0.02	<2	6	63
L835828		<10	<1	0.27	30	0.36	922	1	0.03	<1	460	8	0.05	2	5	73
L835829		<10	<1	0.26	20	0.39	945	1	0.02	<1	460	10	0.02	3	5	60
L835830		<10	<1	0.20	30	0.26	555	1	0.03	<1	270	11	0.02	3	3	41
L835831		<10	<1	0.21	20	0.05	372	2	0.06	<1	100	11	0.03	3	1	26
L835832		<10	<1	0.22	20	0.04	333	2	0.05	<1	90	34	0.02	2	1	21
L835833		<10	<1	0.27	20	0.03	333	3	0.05	<1	90	11	0.03	2	<1	22
L835834		<10	<1	0.02	<10	12.15	214	1	0.01	<1	160	2	0.03	<2	<1	46
L835835		<10	<1	0.25	20	0.10	305	2	0.05	<1	100	12	0.02	2	1	25
L835836		<10	<1	0.22	20	0.04	344	2	0.05	<1	100	11	0.03	<2	1	27
L835837		<10	<1	0.23	20	0.04	373	3	0.06	<1	100	12	0.02	4	1	22
L835838		<10	<1	0.21	20	0.66	313	3	0.06	<1	110	11	0.03	4	1	26
L835839		<10	<1	0.23	20	0.06	277	3	0.05	<1	90	11	0.03	3	1	26
L835840		<10	<1	0.19	20	0.06	224	2	0.04	<1	100	11	0.02	4	1	22
L835841		<10	<1	0.20	20	0.06	407	2	0.05	<1	100	11	0.02	3	1	28
L835842		<10	<1	0.20	20	0.05	413	2	0.07	9	100	15	0.03	2	1	28
L835843		<10	<1	0.21	20	0.05	456	1	0.07	2	100	15	0.03	2	1	29
L835844		<10	<1	0.19	20	0.04	344	2	0.06	2	100	10	0.02	<2	1	21
L835845		<10	<1	0.21	20	0.05	377	2	0.07	2	80	26	0.01	2	1	27
L835846		<10	<1	0.20	20	0.04	461	2	0.06	2	70	11	0.01	<2	1	24
L835847		<10	<1	0.21	20	0.04	515	2	0.07	2	90	11	0.02	<2	1	33
L835848		<10	<1	0.20	20	0.04	508	1	0.02	1	100	18	0.01	2	1	21

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza PDH- 11- 15

CERTIFICATE OF ANALYSIS WH11186300

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835813		30	0.01	<10	<10	57	<10	51	<1
L835814		20	0.01	<10	<10	47	<10	64	<1
L835815		20	0.01	<10	<10	55	<10	77	<1
L835816		20	0.01	<10	<10	59	<10	67	<1
L835817		<20	0.01	<10	<10	60	<10	71	<1
L835818		20	0.01	<10	<10	59	<10	63	<1
L835819		20	0.01	<10	<10	52	<10	50	<1
L835820		20	0.02	<10	<10	51	<10	50	<1
L835821		<20	0.05	<10	<10	319	<10	7420	34
L835822		30	0.01	<10	<10	50	<10	71	<1
L835823		20	<0.01	<10	<10	46	<10	55	<1
L835824		20	<0.01	<10	<10	40	<10	48	<1
L835825		20	<0.01	<10	<10	32	<10	55	<1
L835826		20	<0.01	<10	<10	43	<10	57	<1
L835827		20	0.01	<10	<10	46	<10	57	<1
L835828		20	<0.01	<10	<10	35	<10	56	<1
L835829		20	<0.01	<10	<10	35	<10	56	<1
L835830		20	<0.01	<10	<10	21	<10	33	<1
L835831		20	<0.01	<10	<10	4	<10	13	<1
L835832		20	<0.01	<10	<10	3	<10	19	<1
L835833		20	<0.01	<10	<10	2	<10	9	<1
L835834		<20	<0.01	<10	<10	1	<10	14	<1
L835835		20	<0.01	<10	<10	2	<10	10	<1
L835836		20	<0.01	<10	<10	2	<10	10	<1
L835837		20	<0.01	<10	<10	3	<10	12	<1
L835838		20	<0.01	<10	<10	3	<10	11	<1
L835839		20	<0.01	<10	<10	3	<10	12	<1
L835840		20	<0.01	<10	<10	3	<10	14	<1
L835841		20	<0.01	<10	<10	4	<10	13	1
L835842		20	<0.01	<10	<10	3	<10	18	<1
L835843		20	<0.01	<10	<10	4	<10	13	<1
L835844		20	<0.01	<10	<10	3	<10	14	<1
L835845		20	<0.01	<10	<10	3	<10	14	<1
L835846		20	<0.01	<10	<10	2	<10	11	<1
L835847		20	<0.01	<10	<10	3	<10	12	<1
L835848		20	<0.01	<10	<10	4	<10	19	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186301

Project: Klaza DDH- 42

P.O. No.: Batch 4

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11186301

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972783		6.70	<0.005	<0.2	0.66	7	<10	400	0.9	<2	3.34	<0.5	6	10	6	1.94
K972784		3.57	0.113	4.0	0.63	120	<10	330	1.2	<2	3.60	4.6	8	5	77	2.81
K972785		3.76	<0.005	<0.2	0.05	3	<10	10	<0.5	<2	16.9	<0.5	2	<1	2	0.37
K972786		2.55	0.007	0.2	0.67	25	<10	530	0.7	<2	2.00	<0.5	8	5	5	2.51
K972787		2.82	<0.005	0.2	0.69	25	<10	790	0.5	<2	2.36	<0.5	8	6	6	2.79
K972788		6.00	<0.005	0.2	0.93	10	<10	770	0.5	<2	2.26	<0.5	8	11	6	2.87
K972789		1.48	<0.005	<0.2	0.54	18	<10	550	0.7	<2	3.15	<0.5	8	4	15	2.73
K972790		2.58	<0.005	<0.2	0.56	27	<10	750	0.6	<2	3.15	<0.5	7	4	11	2.61
K972791		4.99	<0.005	<0.2	0.50	16	<10	760	0.5	<2	3.49	<0.5	7	4	4	2.34
K972792		0.04	3.22	>100	0.18	>10000	<10	10	<0.5	<2	0.42	329	<1	9	1560	13.7
K972793		1.48	<0.005	0.2	0.46	15	<10	720	0.5	<2	2.66	<0.5	7	4	2	2.54
K972794		0.95	<0.005	<0.2	0.45	11	<10	400	<0.5	<2	2.34	<0.5	7	5	2	2.33
K972795		1.63	<0.005	<0.2	0.45	11	<10	800	0.5	<2	4.30	<0.5	7	3	4	2.35
K972796		3.96	<0.005	<0.2	0.64	16	<10	670	0.5	<2	2.45	<0.5	7	5	3	2.53
K972797		2.82	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	19.1	<0.5	2	<1	1	0.41
K972798		2.56	<0.005	<0.2	0.69	2	<10	470	0.5	<2	2.56	<0.5	7	6	5	2.63
K972799		6.47	<0.005	<0.2	1.11	<2	<10	470	<0.5	<2	1.71	<0.5	7	8	7	2.55
K972800		1.87	<0.005	<0.2	0.75	3	<10	540	0.7	<2	2.68	<0.5	7	5	8	2.59
K972801		2.90	<0.005	<0.2	1.12	2	<10	620	<0.5	<2	1.47	<0.5	6	12	8	2.71
K972802		2.82	<0.005	<0.2	0.93	4	<10	400	0.7	<2	2.43	<0.5	8	7	6	2.82
K972803		5.44	<0.005	0.5	1.01	<2	<10	510	0.5	<2	2.03	<0.5	7	7	8	2.73
K972804		0.11	1.465	34.0	4.91	150	<10	40	<0.5	12	4.50	32.2	85	57	7240	8.36
K972805		4.58	<0.005	<0.2	0.92	4	<10	470	0.5	<2	2.03	<0.5	7	7	32	2.62
K972806		2.82	<0.005	<0.2	0.57	5	<10	280	0.7	<2	3.49	<0.5	7	4	11	2.57
K972807		3.14	<0.005	<0.2	1.12	2	<10	470	<0.5	<2	1.30	<0.5	6	8	8	2.57
K972808		5.13	<0.005	<0.2	1.15	<2	<10	520	<0.5	<2	1.50	<0.5	6	10	7	2.66
K972809		6.70	<0.005	<0.2	1.11	2	<10	460	<0.5	<2	1.44	<0.5	6	9	7	2.62
K972810		4.03	<0.005	<0.2	0.60	<2	<10	570	0.5	<2	3.31	<0.5	6	5	11	2.52
K972811		5.38	<0.005	<0.2	0.49	3	<10	660	0.5	<2	3.57	<0.5	7	4	5	2.47
K972812		5.10	<0.005	<0.2	1.23	<2	<10	480	<0.5	<2	1.29	<0.5	7	11	8	2.71

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CERTIFICATE OF ANALYSIS WH11186301

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972783		<10	<1	0.29	10	1.04	474	<1	0.02	9	420	13	0.03	2	5	625
K972784		<10	<1	0.31	10	1.17	1975	3	0.03	11	390	262	0.65	18	5	428
K972785		<10	<1	0.03	<10	11.15	187	<1	0.01	1	190	<2	0.03	<2	<1	56
K972786		<10	<1	0.27	20	0.63	765	<1	0.04	3	600	9	0.08	<2	7	191
K972787		<10	<1	0.29	20	0.77	680	<1	0.07	2	640	9	0.07	2	9	194
K972788		<10	<1	0.35	20	0.84	641	<1	0.09	7	620	8	0.08	<2	8	177
K972789		<10	<1	0.21	20	1.06	730	2	0.03	10	580	17	0.04	2	7	199
K972790		<10	<1	0.25	20	0.83	701	1	0.04	6	600	15	0.06	3	5	201
K972791		<10	<1	0.24	20	0.92	814	1	0.03	1	540	14	0.02	<2	4	200
K972792		<10	1	0.07	<10	0.18	1480	1	0.01	10	140	>10000	>10.0	563	1	18
K972793		<10	<1	0.26	20	0.75	942	<1	0.02	1	570	16	0.07	7	4	204
K972794		<10	<1	0.25	20	0.72	787	<1	0.03	1	650	14	<0.01	5	5	167
K972795		<10	<1	0.23	20	1.34	865	<1	0.03	<1	540	18	0.23	4	4	230
K972796		<10	<1	0.23	20	0.76	794	<1	0.03	<1	610	16	0.08	11	5	158
K972797		<10	<1	0.02	<10	12.20	195	<1	0.01	1	220	3	<0.01	<2	<1	51
K972798		<10	<1	0.19	20	0.80	712	<1	0.05	2	620	12	<0.01	4	7	153
K972799		<10	<1	0.21	20	0.73	594	1	0.08	1	620	8	<0.01	3	5	104
K972800		<10	<1	0.25	20	0.83	668	1	0.04	1	620	12	0.02	3	7	178
K972801		<10	<1	0.25	20	0.72	546	1	0.10	1	640	10	<0.01	2	5	96
K972802		<10	<1	0.29	20	0.86	684	1	0.05	1	630	10	0.01	5	6	143
K972803		<10	<1	0.26	20	0.73	599	1	0.07	<1	630	8	<0.01	2	7	149
K972804		10	1	0.23	10	1.14	637	44	0.33	309	690	8360	7.24	27	4	78
K972805		<10	<1	0.22	20	0.78	685	1	0.06	2	610	28	0.03	4	6	128
K972806		<10	<1	0.26	20	1.01	798	<1	0.02	2	600	11	0.04	<2	6	221
K972807		<10	<1	0.22	20	0.65	489	<1	0.10	<1	620	9	0.01	<2	5	78
K972808		<10	<1	0.25	20	0.69	528	1	0.11	<1	600	9	<0.01	2	6	101
K972809		<10	<1	0.20	20	0.70	512	1	0.09	1	620	8	<0.01	<2	5	101
K972810		<10	<1	0.24	20	0.92	864	1	0.04	<1	590	11	0.03	2	6	205
K972811		<10	<1	0.27	20	0.96	714	2	0.04	<1	610	20	0.01	<2	6	243
K972812		<10	<1	0.25	20	0.69	488	1	0.11	1	650	9	<0.01	<2	5	89

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11186301

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K972783		<20	<0.01	<10	<10	34	<10	54	<1		
K972784		<20	<0.01	<10	<10	18	<10	353	3		
K972785		<20	<0.01	<10	<10	1	<10	16	<1		
K972786		<20	0.01	<10	<10	34	<10	47	<1		
K972787		<20	0.04	<10	<10	44	<10	43	<1		
K972788		<20	0.05	<10	<10	46	<10	45	<1		
K972789		<20	<0.01	<10	<10	34	<10	59	<1		
K972790		<20	<0.01	<10	<10	28	<10	48	<1		
K972791		20	<0.01	<10	<10	24	<10	48	<1		
K972792		<20	<0.01	<10	<10	8	140	>10000	421	3.09	3.47
K972793		<20	<0.01	<10	<10	28	<10	60	<1		
K972794		<20	<0.01	<10	<10	28	<10	63	<1		
K972795		<20	<0.01	<10	<10	19	<10	61	<1		
K972796		<20	<0.01	<10	<10	27	<10	67	<1		
K972797		<20	<0.01	<10	<10	1	<10	14	<1		
K972798		<20	0.01	<10	<10	42	<10	51	<1		
K972799		<20	0.08	<10	<10	49	<10	46	<1		
K972800		<20	0.01	<10	<10	33	<10	45	<1		
K972801		<20	0.09	<10	<10	54	<10	43	1		
K972802		<20	0.02	<10	<10	35	<10	47	<1		
K972803		<20	0.04	<10	<10	47	<10	46	<1		
K972804		<20	0.05	<10	10	320	20	7470	32		
K972805		<20	0.03	<10	<10	42	<10	71	2		
K972806		<20	<0.01	<10	<10	24	<10	49	<1		
K972807		<20	0.12	<10	<10	56	<10	38	<1		
K972808		<20	0.10	<10	<10	57	<10	39	1		
K972809		<20	0.10	<10	<10	56	<10	39	1		
K972810		<20	<0.01	<10	<10	27	<10	52	1		
K972811		<20	<0.01	<10	<10	22	<10	37	1		
K972812		<20	0.14	<10	<10	60	<10	36	1		

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VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186302

Project: Klaza DDH- 56

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11186302

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269262		7.16	<0.005	<0.2	1.05	13	<10	230	<0.5	<2	1.70	<0.5	5	11	13	2.57
K269263		3.75	0.131	3.4	0.98	630	<10	180	0.6	3	1.81	28.5	5	7	47	3.14
K269264		4.20	<0.005	<0.2	1.22	22	<10	280	0.5	<2	1.66	0.8	6	8	7	3.15
K269265		3.68	0.775	9.9	0.57	5700	<10	40	0.6	4	1.60	4.4	10	6	383	4.83
K269266		11.10	<0.005	<0.2	1.31	12	<10	240	0.6	<2	1.83	<0.5	8	7	6	2.88
K269267		0.10	1.400	34.1	4.91	150	<10	40	<0.5	9	4.46	32.2	83	57	7350	8.37
K269268		11.46	0.047	1.8	1.14	35	<10	190	0.5	<2	1.56	23.4	5	8	99	3.15
K269269		6.43	<0.005	<0.2	1.14	4	<10	690	<0.5	<2	2.21	3.7	4	9	7	2.74
K269270		8.63	<0.005	<0.2	1.09	5	<10	380	<0.5	<2	1.28	<0.5	5	11	3	2.78
K269271		7.45	0.010	0.2	1.18	14	<10	530	0.7	<2	2.39	1.9	2	6	4	3.36
K269272		3.48	0.023	0.6	0.99	31	<10	250	0.7	<2	1.41	7.3	5	5	19	4.59
K269273		1.64	0.013	0.9	0.92	38	<10	310	0.7	<2	1.33	7.4	6	4	34	4.77
K269274		6.75	0.082	1.5	0.72	236	<10	370	0.5	<2	2.70	16.4	3	7	27	3.27
K269275		5.59	0.628	5.9	0.49	1560	<10	20	0.5	3	1.23	41.0	5	5	116	4.97
K269276		4.06	0.034	0.5	0.89	10	<10	700	0.6	2	2.40	2.8	3	7	13	2.42
K269277		5.57	0.008	<0.2	0.93	7	<10	580	<0.5	<2	2.24	1.0	4	8	4	2.45
K269278		8.05	0.438	2.7	1.42	16	<10	400	0.7	3	1.94	8.8	5	9	19	3.31
K269279		4.31	0.058	5.3	0.97	108	<10	440	0.8	8	1.53	1.7	4	6	133	4.42
K269280		6.48	<0.005	<0.2	1.01	7	<10	270	<0.5	<2	1.73	<0.5	7	10	2	2.94
K269281		7.58	<0.005	<0.2	1.18	4	<10	240	<0.5	<2	1.77	<0.5	5	11	5	2.77
K269282		13.28	0.006	0.2	1.10	5	<10	500	<0.5	<2	1.84	1.1	7	10	4	2.84
K269283		12.67	<0.005	<0.2	1.01	6	<10	280	<0.5	<2	1.56	<0.5	5	10	2	2.84
K269284		4.21	0.033	0.3	0.82	8	<10	310	0.5	<2	1.84	9.3	5	8	8	2.88
K269285		5.14	<0.005	<0.2	1.02	4	<10	120	<0.5	<2	1.24	<0.5	5	10	4	2.71
K269286		4.09	<0.005	<0.2	0.84	6	<10	1070	0.6	<2	2.04	0.5	6	7	4	2.69
K269287		2.20	<0.005	0.2	0.04	<2	<10	10	<0.5	<2	18.8	<0.5	2	<1	<1	0.41
K269288		4.48	<0.005	<0.2	1.06	5	<10	300	0.5	<2	2.08	<0.5	5	9	2	2.82
K269289		4.86	0.362	2.3	0.56	2040	<10	120	0.7	<2	2.36	9.1	5	6	76	3.60
K269290		8.29	<0.005	<0.2	0.92	13	<10	320	0.7	<2	2.20	<0.5	5	6	15	2.87
K269291		0.10	1.380	34.4	4.89	149	<10	40	<0.5	4	4.45	32.2	86	57	7150	8.27
K269292		5.05	0.051	2.1	0.67	430	<10	310	0.6	<2	2.24	7.5	6	6	82	3.05
K269293		5.02	<0.005	0.2	0.64	18	<10	1040	0.6	<2	1.42	<0.5	6	5	6	2.65
K269294		5.00	0.013	0.5	0.64	33	<10	1400	0.6	<2	2.28	2.2	5	6	51	2.70
K269295		2.51	0.006	<0.2	0.75	34	<10	450	0.7	<2	2.61	0.8	4	5	4	2.46
K269296		4.33	0.517	9.3	0.50	4730	<10	120	0.6	2	1.89	69.8	5	5	112	3.83
K269297		3.23	<0.005	<0.2	0.05	10	<10	10	<0.5	<2	18.9	<0.5	2	<1	1	0.39

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Finalized Date: 12- NOV- 2011
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Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11186302

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269262		<10	<1	0.16	20	0.67	522	<1	0.07	1	580	8	0.04	<2	5	67
K269263		<10	1	0.29	20	0.59	910	1	0.04	1	560	782	1.07	7	5	65
K269264		<10	<1	0.20	20	0.65	917	<1	0.07	<1	600	43	0.13	<2	7	77
K269265		<10	<1	0.32	10	0.51	1250	2	0.01	<1	470	301	3.29	76	4	45
K269266		<10	<1	0.14	20	0.59	420	<1	0.03	1	640	18	0.18	2	7	62
K269267		10	1	0.24	10	1.13	635	45	0.33	319	700	8330	7.34	28	4	78
K269268		<10	<1	0.24	20	0.48	796	1	0.04	1	620	289	0.38	4	7	63
K269269		<10	<1	0.22	30	0.63	615	<1	0.06	1	590	177	0.07	<2	6	77
K269270		10	<1	0.17	20	0.65	365	1	0.10	1	600	13	<0.01	<2	5	78
K269271		<10	<1	0.34	30	0.76	1005	<1	0.05	<1	580	105	0.21	<2	6	91
K269272		<10	<1	0.37	20	0.80	1785	2	0.02	<1	530	339	0.28	3	4	43
K269273		<10	<1	0.35	10	0.79	1855	<1	0.02	1	520	336	0.42	2	4	43
K269274		<10	<1	0.46	20	0.80	1625	4	0.01	2	560	347	0.75	3	5	66
K269275		<10	<1	0.35	10	0.40	978	1	<0.01	1	570	1345	3.90	14	3	33
K269276		<10	<1	0.31	20	0.48	648	1	0.02	1	550	92	0.14	3	6	76
K269277		<10	<1	0.23	20	0.59	523	3	0.05	<1	570	27	0.11	<2	6	90
K269278		10	<1	0.27	20	0.65	653	1	0.05	<1	620	490	0.31	3	7	79
K269279		<10	<1	0.31	20	0.59	1560	1	0.01	1	570	479	0.46	9	6	54
K269280		<10	<1	0.18	20	0.66	555	<1	0.07	1	580	13	0.19	<2	6	68
K269281		10	<1	0.20	20	0.71	561	<1	0.07	1	570	14	0.04	<2	6	65
K269282		<10	<1	0.16	20	0.68	535	<1	0.07	1	570	35	0.12	2	6	73
K269283		<10	<1	0.15	20	0.69	456	1	0.07	<1	610	8	0.03	2	6	58
K269284		<10	<1	0.20	20	0.55	651	1	0.04	<1	600	31	0.15	2	7	69
K269285		10	<1	0.15	20	0.61	369	<1	0.08	1	620	10	0.02	<2	4	50
K269286		<10	<1	0.18	10	0.50	687	<1	0.01	1	550	11	0.11	3	9	76
K269287		<10	<1	0.02	<10	11.85	188	<1	0.01	<1	240	3	0.01	<2	<1	46
K269288		<10	<1	0.20	20	0.55	591	<1	0.03	2	610	8	0.03	<2	7	70
K269289		<10	<1	0.27	10	0.61	1605	4	<0.01	<1	510	485	0.83	27	6	61
K269290		<10	<1	0.21	20	0.60	713	<1	0.01	<1	580	11	0.14	7	8	78
K269291		10	1	0.23	10	1.12	634	48	0.31	303	690	8340	7.24	25	4	72
K269292		<10	<1	0.30	20	0.71	1135	<1	<0.01	2	540	347	0.88	22	5	65
K269293		<10	1	0.20	10	0.47	812	<1	<0.01	<1	540	21	0.39	2	8	68
K269294		<10	1	0.18	10	0.69	945	7	0.01	1	520	50	0.25	27	8	79
K269295		<10	<1	0.15	10	0.78	682	<1	0.01	<1	570	14	0.08	2	9	148
K269296		<10	1	0.28	20	0.55	1045	1	0.01	<1	550	2830	2.17	14	4	65
K269297		<10	<1	0.02	<10	12.05	185	<1	0.01	<1	340	5	0.01	2	<1	49

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Finalized Date: 12- NOV- 2011
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Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11186302

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269262		<20	0.04	<10	<10	47	<10	32	<1
K269263		<20	0.01	<10	<10	31	<10	2140	4
K269264		<20	0.02	<10	<10	44	<10	101	1
K269265		<20	<0.01	<10	<10	17	<10	451	10
K269266		<20	0.02	<10	<10	47	<10	51	<1
K269267		<20	0.05	<10	10	320	30	7500	31
K269268		<20	0.01	<10	<10	41	<10	1540	2
K269269		<20	0.02	<10	<10	40	<10	313	<1
K269270		<20	0.08	<10	<10	54	<10	40	<1
K269271		<20	<0.01	<10	<10	29	<10	197	1
K269272		<20	<0.01	<10	<10	20	<10	631	1
K269273		<20	<0.01	<10	<10	19	<10	646	1
K269274		<20	<0.01	<10	<10	12	<10	1170	2
K269275		<20	<0.01	<10	<10	12	10	2720	5
K269276		<20	<0.01	<10	<10	30	<10	219	1
K269277		<20	0.01	<10	<10	38	<10	105	1
K269278		<20	0.01	<10	<10	43	<10	635	3
K269279		<20	<0.01	<10	<10	29	<10	189	6
K269280		<20	0.03	<10	<10	46	<10	38	2
K269281		<20	0.03	<10	<10	50	<10	40	1
K269282		<20	0.03	<10	<10	48	<10	97	1
K269283		<20	0.05	<10	<10	52	<10	34	<1
K269284		<20	0.01	<10	<10	44	<10	555	<1
K269285		<20	0.10	<10	<10	56	<10	29	<1
K269286		<20	<0.01	<10	<10	44	<10	53	<1
K269287		<20	<0.01	<10	<10	1	<10	13	<1
K269288		<20	0.01	<10	<10	47	<10	34	<1
K269289		<20	<0.01	<10	<10	25	<10	651	1
K269290		<20	<0.01	<10	<10	40	<10	44	<1
K269291		<20	0.06	<10	10	316	30	7230	32
K269292		<20	<0.01	<10	<10	22	<10	528	1
K269293		<20	<0.01	<10	<10	33	<10	62	<1
K269294		<20	<0.01	<10	<10	42	<10	262	<1
K269295		<20	<0.01	<10	<10	45	<10	77	<1
K269296		<20	<0.01	<10	<10	17	10	4220	8
K269297		<20	<0.01	<10	<10	1	<10	22	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186303

Project: Klaza DDH- 56

P.O. No.: Batch 5

This report is for 12 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11186303

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269334		10.16	0.011	0.7	0.46	68	<10	850	0.8	<2	3.10	<0.5	5	3	6	2.18
K269335		7.52	0.008	0.4	0.51	30	<10	1020	0.8	<2	3.29	<0.5	4	3	6	2.15
K269336		4.51	0.029	1.3	0.72	89	<10	270	0.5	<2	1.58	7.5	6	6	17	3.11
K269337		5.69	0.006	0.2	0.94	7	<10	270	<0.5	<2	1.55	<0.5	8	10	25	2.67
K269338		2.36	0.170	4.0	0.45	188	<10	100	<0.5	<2	2.41	26.2	7	5	55	4.31
K269339		2.89	<0.005	0.4	0.03	2	<10	10	<0.5	<2	19.3	<0.5	<1	1	2	0.46
K269340		8.33	<0.005	<0.2	1.05	6	<10	200	<0.5	<2	1.44	<0.5	5	11	10	2.75
K269341		7.19	0.011	1.4	0.66	87	<10	390	0.5	2	2.35	0.7	5	7	35	2.69
K269342		4.77	9.34	78.4	0.42	2280	<10	10	<0.5	79	1.29	7.1	6	5	3750	9.30
K269343		8.83	0.008	0.6	0.84	24	<10	260	0.6	<2	1.85	<0.5	11	7	80	2.41
K269344		0.18	1.485	32.6	4.57	147	<10	40	<0.5	<2	4.47	30.7	82	55	6730	7.98
K269345		11.48	0.010	0.4	1.02	8	<10	280	<0.5	<2	1.31	<0.5	6	11	53	2.68

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11186303

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269334		<10	<1	0.26	10	0.95	856	1	0.01	2	570	20	0.15	3	4	245
K269335		<10	<1	0.28	10	0.97	790	1	0.02	1	600	16	0.08	3	4	212
K269336		<10	<1	0.25	20	0.51	954	2	0.03	1	530	255	0.81	3	5	68
K269337		<10	<1	0.17	20	0.65	465	1	0.06	1	560	9	0.20	<2	6	71
K269338		<10	<1	0.34	10	0.43	1945	2	0.01	<1	510	1095	2.59	3	4	74
K269339		<10	<1	0.02	<10	11.55	210	<1	0.01	<1	190	3	0.03	<2	<1	46
K269340		<10	<1	0.16	20	0.71	436	1	0.08	1	570	10	0.05	<2	6	62
K269341		<10	<1	0.26	20	0.62	980	<1	0.04	1	540	256	0.27	2	6	92
K269342		<10	2	0.26	10	0.35	1225	3	0.01	<1	380	1380	9.72	195	3	42
K269343		<10	<1	0.20	20	0.48	414	3	0.05	<1	560	18	0.48	16	6	81
K269344		<10	1	0.22	<10	1.05	604	44	0.31	304	640	7770	6.93	27	4	73
K269345		<10	<1	0.14	20	0.65	418	2	0.08	1	560	20	0.12	2	6	62

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11186303

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269334		<20	<0.01	<10	<10	26	<10	59	1
K269335		<20	<0.01	<10	<10	27	<10	51	<1
K269336		<20	<0.01	<10	<10	30	<10	600	2
K269337		<20	0.03	<10	<10	45	<10	38	<1
K269338		<20	<0.01	<10	<10	18	<10	2200	3
K269339		<20	<0.01	<10	10	1	<10	20	<1
K269340		<20	0.04	<10	<10	49	<10	33	<1
K269341		<20	<0.01	<10	<10	31	<10	106	1
K269342		<20	<0.01	<10	<10	12	<10	614	76
K269343		<20	0.01	<10	<10	34	<10	52	<1
K269344		<20	0.05	<10	<10	306	<10	7290	31
K269345		<20	0.05	<10	<10	51	<10	51	1

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Finalized Date: 13- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186304

Project: Klaza DDH- 58

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11186304

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
L828960		9.66	<0.005		<0.2	1.07	2	<10	270	<0.5	<2	1.40	0.7	5	12	22
L828961		6.28	0.009		1.2	0.98	11	<10	320	0.7	<2	1.00	12.4	6	6	35
L828962		6.09	0.005		<0.2	0.96	15	<10	560	0.7	<2	1.55	5.5	8	7	11
L828963		4.42	0.801		7.1	0.53	1755	<10	80	<0.5	3	0.06	7.6	1	4	132
L828964		0.79	<0.005		<0.2	0.32	22	<10	60	<0.5	<2	19.5	<0.5	1	21	2
L828965		8.05	0.006		<0.2	0.77	39	<10	30	1.0	<2	0.10	5.5	1	2	24
L828966		10.26	<0.005		<0.2	0.69	11	<10	80	0.7	<2	0.13	3.9	5	4	6
L828967		10.33	<0.005		<0.2	0.65	15	<10	50	0.9	<2	0.55	5.8	3	2	3
L828968		4.61	2.79		27.9	0.46	5710	<10	80	0.6	3	1.89	140.0	4	3	262
L828969		9.38	0.034		0.9	1.09	100	<10	470	0.8	<2	1.27	22.3	8	6	39
L828970		10.59	<0.005		<0.2	1.51	8	<10	380	0.5	<2	1.48	2.1	6	10	6
L828971		14.35	0.007		<0.2	1.31	11	<10	300	<0.5	<2	1.02	1.6	5	12	6
L828972		4.81	<0.005		<0.2	1.08	21	<10	160	0.6	<2	1.40	2.1	7	6	4
L828973		2.54	<0.005		0.2	1.23	25	<10	160	0.7	<2	1.36	3.4	6	6	7
L828974		7.01	<0.005		<0.2	1.45	5	<10	320	0.5	<2	1.55	0.5	5	9	5
L828975		11.58	<0.005		<0.2	1.40	3	<10	240	<0.5	<2	1.36	0.7	5	12	5
L828976		11.16	0.024		0.6	1.38	3	<10	180	<0.5	<2	1.21	2.7	6	12	8
L828977		10.72	0.005		0.2	1.35	5	<10	160	<0.5	<2	1.14	0.5	5	11	5
L828978		12.89	0.007		<0.2	1.40	2	<10	180	<0.5	<2	1.21	1.3	6	11	7
L828979		12.44	0.015		<0.2	1.31	6	<10	170	<0.5	<2	0.97	2.7	5	11	7
L828980		0.08	1.415		32.6	4.96	154	<10	50	<0.5	8	4.32	33.3	85	56	7470
L828981		10.81	<0.005		<0.2	1.30	4	<10	180	<0.5	<2	1.11	<0.5	6	11	39
L828982		10.87	<0.005		<0.2	1.45	5	<10	170	<0.5	<2	1.41	<0.5	6	10	7
L828983		11.21	<0.005		<0.2	1.46	<2	<10	170	<0.5	<2	1.44	<0.5	7	9	3
L828984		3.64	0.012		0.4	1.45	11	<10	180	0.5	<2	2.51	9.6	5	8	16
L828985		1.06	<0.005		<0.2	0.04	<2	<10	10	<0.5	2	19.5	<0.5	1	<1	<1
L828986		8.73	<0.005		0.3	1.46	<2	<10	130	0.5	<2	1.43	2.7	6	9	6
L828987		3.81	0.013		0.2	1.49	24	<10	370	0.7	<2	2.41	2.8	5	6	10
L828988		3.68	2.85		45.6	0.86	1180	<10	30	0.6	51	2.05	104.0	5	4	2440
L828989		8.21	<0.005		<0.2	1.44	7	<10	330	0.5	<2	1.58	0.8	5	8	14
L828990		3.46	<0.005		<0.2	1.35	9	<10	370	0.6	<2	2.48	<0.5	5	7	7
L828991		7.84	<0.005		<0.2	1.44	6	<10	750	0.7	<2	1.54	0.6	4	7	2
L828992		0.07	1.530		34.1	5.04	161	<10	40	<0.5	9	4.35	33.6	86	57	7830
L828993		4.34	<0.005		<0.2	1.53	10	<10	1340	0.6	<2	2.04	<0.5	5	6	22
L828994		4.15	>10.0	13.05	59.8	0.36	>10000	<10	20	<0.5	19	0.39	>1000	5	4	1405
L828995		4.97	0.007		<0.2	1.25	61	<10	310	0.6	<2	1.31	3.0	5	6	12

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Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11186304

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
L828960		2.40	<10	<1	0.18	20	0.57	420	2	0.11	12	550	26	0.01	<2	5
L828961		3.16	<10	1	0.28	20	0.20	1255	1	0.03	6	610	585	0.17	2	7
L828962		2.69	<10	1	0.27	20	0.24	979	1	0.04	1	620	94	0.11	<2	8
L828963		4.32	<10	1	0.34	10	0.03	109	5	0.01	<1	390	833	1.40	41	2
L828964		0.49	<10	1	0.20	10	12.35	214	<1	0.03	7	190	5	0.03	<2	1
L828965		1.05	<10	<1	0.26	<10	0.05	89	<1	0.01	<1	20	44	0.02	4	1
L828966		0.48	<10	1	0.22	<10	0.06	189	<1	0.01	<1	30	34	<0.01	3	1
L828967		0.53	<10	<1	0.25	<10	0.06	393	1	0.01	<1	30	32	0.01	2	1
L828968		4.59	<10	1	0.27	10	0.64	2650	47	0.02	<1	200	5310	2.83	79	2
L828969		2.87	<10	1	0.27	20	0.40	1195	1	0.02	2	600	236	0.19	4	7
L828970		2.71	<10	1	0.24	20	0.64	590	<1	0.10	2	590	20	0.01	<2	6
L828971		2.58	<10	<1	0.23	20	0.66	468	<1	0.13	1	590	46	0.01	2	5
L828972		2.86	<10	1	0.22	30	0.43	804	<1	0.03	2	660	33	0.04	2	9
L828973		2.88	<10	1	0.25	30	0.42	808	<1	0.03	4	670	39	0.05	<2	9
L828974		2.51	<10	1	0.21	20	0.56	392	<1	0.08	1	630	15	0.01	<2	5
L828975		2.48	10	1	0.20	20	0.66	568	<1	0.11	3	600	24	0.01	<2	4
L828976		2.76	10	1	0.18	20	0.66	543	<1	0.10	2	600	386	0.03	<2	5
L828977		2.61	10	1	0.17	20	0.64	503	<1	0.11	1	560	175	0.01	<2	5
L828978		2.61	10	1	0.19	20	0.63	522	<1	0.11	2	600	112	0.01	<2	4
L828979		2.41	<10	1	0.18	20	0.61	414	<1	0.11	2	560	158	0.04	<2	4
L828980		7.96	10	2	0.24	10	1.10	623	48	0.35	318	700	8490	7.67	27	4
L828981		2.42	<10	1	0.15	10	0.63	388	<1	0.10	3	570	18	0.01	<2	4
L828982		2.68	10	1	0.17	20	0.76	513	<1	0.10	2	600	21	0.01	<2	5
L828983		2.76	10	1	0.15	20	0.78	493	<1	0.09	1	620	11	0.01	<2	6
L828984		2.52	<10	1	0.31	20	0.60	968	<1	0.07	2	590	121	0.20	<2	6
L828985		0.42	<10	1	0.02	10	11.85	219	<1	0.02	4	170	<2	0.01	<2	<1
L828986		2.64	10	1	0.17	20	0.69	497	<1	0.09	1	570	118	0.03	<2	5
L828987		2.87	<10	1	0.21	20	0.68	901	<1	0.04	1	570	163	0.21	2	6
L828988		5.34	<10	1	0.36	10	0.39	1565	1	0.03	1	460	2610	5.55	48	4
L828989		2.57	10	1	0.14	20	0.73	433	<1	0.07	1	600	38	0.04	<2	6
L828990		2.36	<10	1	0.19	20	0.74	496	<1	0.06	1	590	14	0.10	<2	6
L828991		2.24	<10	1	0.18	20	0.61	377	<1	0.06	1	560	15	0.05	<2	6
L828992		8.05	10	2	0.25	10	1.12	632	47	0.34	324	720	8610	7.78	29	4
L828993		2.47	<10	1	0.17	20	0.59	411	<1	0.06	1	580	20	0.08	2	6
L828994		6.75	<10	3	0.30	10	0.15	1290	1	0.02	<1	310	9220	9.42	97	1
L828995		2.59	<10	<1	0.19	30	0.34	674	<1	0.02	<1	600	63	0.10	2	8

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11186304

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
L828960		58	<20	0.06	<10	<10	48	<10	70	<1	
L828961		28	<20	0.01	<10	<10	38	<10	890	1	
L828962		46	<20	<0.01	<10	<10	37	<10	376	<1	
L828963		21	<20	<0.01	<10	<10	9	<10	684	7	
L828964		54	<20	0.01	<10	<10	10	<10	29	<1	
L828965		13	<20	<0.01	<10	<10	2	<10	687	1	
L828966		24	20	<0.01	<10	<10	1	<10	495	<1	
L828967		45	<20	<0.01	<10	<10	1	<10	316	1	
L828968		34	<20	<0.01	<10	10	8	10	3850	26	
L828969		39	<20	0.01	<10	<10	33	<10	2340	1	
L828970		63	<20	0.05	<10	<10	54	<10	284	1	
L828971		46	<20	0.12	<10	<10	56	<10	128	<1	
L828972		38	<20	0.01	<10	<10	41	<10	220	<1	
L828973		37	<20	0.01	<10	<10	41	<10	325	<1	
L828974		69	<20	0.10	<10	<10	52	<10	97	<1	
L828975		43	<20	0.14	<10	<10	55	<10	68	<1	
L828976		42	<20	0.10	<10	<10	55	<10	227	1	
L828977		43	<20	0.09	<10	<10	54	<10	60	1	
L828978		44	<20	0.13	<10	<10	55	<10	110	1	
L828979		39	<20	0.14	<10	<10	51	<10	208	<1	
L828980		77	<20	0.06	<10	<10	307	20	7860	31	
L828981		43	<20	0.14	<10	<10	55	<10	71	1	
L828982		49	<20	0.09	<10	<10	57	<10	48	<1	
L828983		56	<20	0.05	<10	<10	56	<10	34	<1	
L828984		75	<20	0.02	<10	<10	43	<10	792	1	
L828985		44	<20	<0.01	<10	<10	<1	<10	21	<1	
L828986		61	<20	0.03	<10	<10	48	<10	218	1	
L828987		141	<20	<0.01	<10	<10	38	<10	259	1	
L828988		64	<20	<0.01	<10	<10	17	10	6880	47	
L828989		102	<20	0.02	<10	<10	51	<10	101	<1	
L828990		142	<20	0.02	<10	<10	43	<10	42	1	
L828991		164	<20	0.02	<10	<10	41	<10	61	1	
L828992		79	<20	0.06	<10	10	315	20	7880	32	
L828993		147	<20	0.02	<10	<10	39	<10	76	<1	
L828994		9	<20	<0.01	<10	<10	5	10	>10000	60	6.09
L828995		42	<20	<0.01	<10	<10	39	<10	356	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186305

Project: Klaza DDH- 51

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11186305

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973256		3.79	0.007	0.3	0.51	24	<10	480	<0.5	<2	3.03	<0.5	8	5	5	2.36
K973257		7.69	0.009	0.2	0.90	13	<10	290	<0.5	<2	1.95	<0.5	4	10	5	2.59
K973258		2.83	0.016	0.9	0.48	24	<10	250	0.6	<2	2.36	3.9	6	6	8	3.33
K973259		12.76	0.007	0.3	0.73	17	<10	410	0.5	<2	2.53	0.8	7	7	10	2.68
K973260		10.59	0.005	0.3	0.80	12	<10	440	0.6	<2	1.61	1.4	4	7	6	2.90
K973261		3.07	0.285	2.1	0.44	147	<10	220	0.7	3	1.35	6.5	6	5	71	5.41
K973262		1.98	0.066	4.2	0.33	125	<10	60	<0.5	5	1.67	30.2	10	4	42	5.63
K973263		2.57	<0.005	0.4	0.04	2	<10	20	<0.5	<2	19.0	<0.5	<1	1	3	0.38
K973264		2.93	0.019	1.7	0.47	48	<10	290	0.6	3	1.86	4.0	6	5	22	3.71
K973265		4.89	0.005	0.4	0.63	16	<10	370	0.6	<2	1.41	2.2	5	5	12	3.35
K973266		11.72	<0.005	0.2	1.06	8	<10	340	0.5	<2	1.68	<0.5	6	9	9	2.89
K973267		11.72	<0.005	0.6	0.86	26	<10	460	0.6	<2	1.64	<0.5	15	7	37	3.29
K973268		0.09	1.435	31.6	4.77	142	<10	50	<0.5	4	4.64	31.6	85	58	6940	8.27
K973269		3.86	0.015	4.2	0.44	76	<10	610	0.5	<2	2.14	2.8	8	5	340	3.92
K973270		6.48	0.006	0.6	0.57	29	<10	1170	0.5	<2	1.78	1.1	4	6	52	2.51
K973271		11.24	0.029	1.3	0.76	57	<10	330	0.6	<2	1.75	6.6	7	6	21	3.45
K973272		5.29	0.014	0.5	0.74	32	<10	190	0.6	<2	1.27	0.6	9	6	9	3.09
K973273		3.87	1.280	20.4	0.35	3950	<10	<10	<0.5	32	2.30	53.4	6	4	303	7.16
K973274		3.96	0.057	6.3	0.43	387	<10	60	0.5	10	1.17	6.6	6	6	217	5.18
K973275		2.99	1.910	14.2	0.30	5210	<10	<10	<0.5	18	0.52	6.1	5	5	740	7.34
K973276		1.77	<0.005	0.3	0.04	21	<10	<10	<0.5	<2	19.7	<0.5	<1	1	4	0.41
K973277		8.94	0.015	0.6	1.13	108	<10	110	0.5	<2	1.51	<0.5	6	9	13	2.99
K973278		7.16	0.008	0.7	0.52	20	<10	470	0.5	<2	2.04	4.6	5	6	16	3.83
K973279		5.02	<0.005	0.2	1.05	10	<10	280	0.5	<2	1.47	<0.5	12	8	6	2.65
K973280		14.07	<0.005	0.3	1.17	11	<10	240	0.5	<2	2.01	<0.5	7	8	6	3.00
K973281		6.67	0.012	0.5	1.02	48	<10	500	0.6	<2	2.38	2.4	6	7	12	3.02
K973282		6.11	<0.005	0.2	1.22	5	<10	500	0.5	<2	1.54	<0.5	7	8	8	3.20
K973283		0.10	1.385	33.5	4.77	147	<10	20	<0.5	9	4.67	32.4	86	58	7110	8.36
K973284		5.87	0.032	1.4	0.82	47	<10	540	0.7	<2	3.01	0.8	5	6	43	3.53
K973285		11.82	0.005	0.4	1.04	4	<10	230	0.7	<2	2.07	0.7	5	7	9	2.95
K973286		12.17	0.070	0.6	0.84	250	<10	590	0.5	<2	1.81	0.9	7	7	11	2.80
K973287		7.02	<0.005	<0.2	1.03	6	<10	230	<0.5	<2	1.46	<0.5	7	13	6	2.80
K973288		2.69	<0.005	<0.2	1.01	4	<10	200	<0.5	<2	1.46	<0.5	6	12	6	2.82
K973289		4.32	0.081	1.3	0.58	90	<10	190	0.7	<2	1.73	3.5	8	5	12	3.66
K973290		10.21	0.084	1.9	0.67	55	<10	390	0.7	<2	2.56	3.3	4	6	12	2.97
K973291		7.70	0.007	0.3	0.96	11	<10	380	0.8	<2	3.13	0.5	3	6	8	2.87

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11186305

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973256		<10	<1	0.26	20	0.67	823	2	0.03	1	530	5	0.38	<2	4	106
K973257		<10	1	0.22	20	0.58	612	1	0.07	1	540	10	0.18	2	6	87
K973258		<10	<1	0.29	10	0.76	1095	1	0.02	<1	520	187	1.03	<2	5	70
K973259		<10	<1	0.25	20	0.63	847	3	0.03	1	580	32	0.34	3	6	89
K973260		<10	<1	0.19	20	0.54	855	1	0.03	<1	560	112	0.18	2	7	58
K973261		<10	1	0.35	10	0.69	2990	1	0.01	<1	470	339	1.40	6	4	32
K973262		<10	<1	0.27	10	0.70	2970	1	0.01	1	420	675	3.16	4	2	21
K973263		<10	<1	0.02	<10	11.40	186	<1	0.01	3	230	4	0.01	<2	<1	48
K973264		<10	<1	0.34	10	0.69	1700	2	0.01	1	500	213	0.98	5	4	30
K973265		<10	1	0.25	20	0.59	1200	8	0.01	<1	500	94	0.35	2	6	43
K973266		<10	<1	0.18	20	0.62	667	<1	0.06	1	570	14	0.06	2	6	68
K973267		<10	<1	0.20	20	0.53	969	3	0.02	1	590	18	0.42	9	6	47
K973268		<10	1	0.23	<10	1.10	631	47	0.33	316	660	8040	7.16	31	4	76
K973269		<10	1	0.31	10	0.77	2410	2	0.02	2	540	302	0.52	89	5	30
K973270		<10	1	0.23	20	0.49	1010	<1	0.01	<1	600	110	0.20	12	7	59
K973271		<10	<1	0.23	10	0.54	1160	1	0.02	<1	580	409	0.78	3	6	59
K973272		<10	<1	0.20	30	0.38	882	<1	0.01	1	610	49	0.56	3	8	34
K973273		<10	<1	0.29	<10	0.24	987	3	<0.01	5	440	1265	7.95	34	1	27
K973274		<10	<1	0.35	10	0.48	1700	1	<0.01	2	580	506	2.84	48	4	21
K973275		<10	<1	0.25	10	0.15	634	2	<0.01	1	480	548	7.55	60	1	12
K973276		<10	<1	0.02	<10	12.20	188	<1	0.01	1	210	3	0.01	<2	<1	48
K973277		<10	<1	0.19	20	0.68	579	1	0.06	2	630	40	0.43	2	6	58
K973278		<10	<1	0.26	20	0.76	1770	<1	0.02	2	570	215	0.59	<2	5	82
K973279		<10	<1	0.19	20	0.59	541	1	0.06	2	580	13	0.10	<2	6	63
K973280		<10	<1	0.20	20	0.67	595	<1	0.04	1	670	8	0.04	3	7	79
K973281		<10	<1	0.28	20	0.75	1180	<1	0.04	2	610	110	0.14	<2	6	81
K973282		<10	<1	0.28	20	0.70	664	1	0.06	1	650	7	0.03	<2	7	78
K973283		<10	2	0.23	<10	1.13	633	43	0.34	314	690	8180	7.06	30	4	75
K973284		<10	<1	0.26	20	0.78	1745	1	0.02	2	600	63	0.51	3	6	95
K973285		<10	<1	0.17	20	0.56	622	1	0.04	1	620	32	0.04	<2	8	84
K973286		<10	<1	0.19	20	0.63	650	1	0.05	1	600	81	0.22	<2	6	83
K973287		<10	<1	0.17	20	0.67	630	1	0.07	2	600	12	0.01	<2	6	78
K973288		<10	<1	0.16	20	0.67	606	1	0.07	2	620	11	0.01	<2	6	75
K973289		<10	<1	0.25	20	0.52	1330	1	0.02	<1	560	75	0.85	<2	5	73
K973290		<10	<1	0.23	20	0.71	1005	1	0.01	1	530	289	0.43	2	6	109
K973291		<10	<1	0.19	30	0.71	473	2	0.01	1	620	20	0.08	<2	6	132

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Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11186305

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973256		<20	<0.01	<10	<10	21	<10	42	1
K973257		<20	0.01	<10	<10	38	<10	40	<1
K973258		<20	<0.01	<10	<10	22	<10	286	1
K973259		<20	<0.01	<10	<10	30	<10	101	<1
K973260		<20	<0.01	<10	<10	33	<10	149	1
K973261		<20	<0.01	<10	<10	17	<10	625	2
K973262		<20	<0.01	<10	<10	10	<10	2330	4
K973263		<20	<0.01	<10	<10	1	<10	18	<1
K973264		<20	<0.01	<10	<10	19	<10	375	<1
K973265		<20	<0.01	<10	<10	25	<10	238	<1
K973266		<20	0.03	<10	<10	43	<10	51	<1
K973267		<20	<0.01	<10	<10	35	<10	60	<1
K973268		<20	0.06	<10	<10	320	<10	7490	31
K973269		<20	<0.01	<10	<10	23	<10	269	3
K973270		<20	<0.01	<10	<10	31	<10	130	<1
K973271		<20	<0.01	<10	<10	32	<10	562	<1
K973272		<20	<0.01	<10	<10	34	<10	91	<1
K973273		<20	<0.01	<10	<10	7	<10	3180	20
K973274		<20	<0.01	<10	<10	14	<10	584	6
K973275		<20	<0.01	<10	<10	5	<10	453	14
K973276		<20	<0.01	<10	10	1	<10	18	<1
K973277		<20	0.03	<10	<10	46	<10	66	<1
K973278		<20	<0.01	<10	<10	27	<10	394	<1
K973279		<20	0.03	<10	<10	42	<10	43	<1
K973280		<20	0.03	<10	<10	44	<10	40	<1
K973281		<20	0.03	<10	<10	40	<10	311	<1
K973282		<20	0.05	<10	<10	52	<10	42	<1
K973283		<20	0.05	<10	<10	323	<10	7460	32
K973284		<20	<0.01	<10	<10	29	<10	134	1
K973285		20	<0.01	<10	<10	40	<10	84	<1
K973286		20	0.03	<10	<10	40	<10	101	<1
K973287		20	0.06	<10	<10	49	<10	47	<1
K973288		20	0.06	<10	<10	51	<10	44	<1
K973289		<20	<0.01	<10	<10	25	<10	319	1
K973290		<20	<0.01	<10	<10	27	<10	284	<1
K973291		20	<0.01	<10	<10	28	<10	70	<1

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11186307

Project: Klaza Soil

P.O. No.:

This report is for 158 Soil samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013001		0.28	0.013	<0.2	1.50	5	<10	140	<0.5	<2	0.25	<0.5	6	20	20	2.20
DD013002		0.26	0.005	<0.2	1.29	5	<10	90	<0.5	<2	0.21	<0.5	6	21	12	1.79
DD013003		0.14	0.005	<0.2	0.86	3	<10	60	<0.5	<2	0.11	<0.5	4	15	11	2.09
DD013004		0.16	0.003	<0.2	1.41	3	<10	170	<0.5	<2	0.34	<0.5	5	19	14	1.83
DD013005		0.24	0.013	<0.2	1.34	2	<10	130	<0.5	<2	0.25	<0.5	6	18	11	1.42
DD013006		0.22	0.004	<0.2	1.53	5	<10	170	<0.5	<2	0.26	<0.5	6	21	13	1.67
DD013007		0.18	0.002	<0.2	1.57	5	<10	210	<0.5	<2	0.22	<0.5	7	22	13	1.75
DD013008		0.16	0.003	0.2	1.39	<2	<10	260	<0.5	<2	0.31	<0.5	6	23	12	1.43
DD013009		0.16	0.003	<0.2	1.25	2	<10	240	<0.5	<2	0.33	<0.5	5	19	12	1.60
DD013010		0.26	0.003	<0.2	1.57	6	<10	220	0.5	<2	0.36	<0.5	9	24	18	2.40
DD013011		0.22	0.004	<0.2	1.06	2	<10	250	0.5	<2	0.44	<0.5	7	16	19	1.74
DD013012		0.22	0.005	0.3	1.41	3	<10	380	0.7	<2	0.75	<0.5	9	23	25	2.31
DD013013		0.18	0.003	<0.2	1.44	8	<10	400	0.5	<2	0.69	<0.5	12	24	36	2.51
DD013014		0.22	0.002	0.2	1.10	5	<10	380	0.5	<2	0.51	<0.5	8	19	26	1.96
DD013015		0.12	0.003	0.2	1.22	<2	<10	460	0.5	<2	0.73	<0.5	3	15	29	1.02
DD013016		0.16	0.003	0.2	1.00	4	<10	390	0.5	<2	0.63	<0.5	5	14	28	2.56
DD013017		0.14	0.004	0.3	1.13	15	<10	480	0.6	<2	0.46	1.0	4	16	41	1.40
DD013018		0.14	0.006	0.3	1.28	5	<10	650	0.7	<2	0.70	1.5	5	20	48	1.24
DD013019		0.10	0.003	<0.2	0.77	9	<10	360	<0.5	<2	0.42	0.5	5	13	27	1.81
DD013020		0.10	0.002	<0.2	0.54	<2	<10	250	<0.5	<2	0.51	<0.5	2	7	15	0.89
DD013021		0.14	0.003	<0.2	0.82	2	<10	170	<0.5	<2	0.30	<0.5	3	11	20	0.88
DD013022		0.12	0.012	0.2	1.76	2	<10	470	0.9	<2	0.74	1.3	3	22	46	1.12
DD013023		0.16	0.003	0.2	1.34	2	<10	300	<0.5	<2	0.40	0.7	5	18	27	1.45
DD013024		0.16	0.005	<0.2	1.10	5	<10	130	<0.5	<2	0.28	<0.5	6	17	15	1.92
DD013025		0.20	0.005	0.2	1.39	6	<10	220	0.5	<2	0.36	0.6	5	19	21	1.81
DD013026		0.16	0.004	0.3	1.20	3	<10	240	<0.5	<2	0.34	<0.5	5	17	17	1.46
DD013027		0.12	0.002	0.3	0.73	2	<10	300	<0.5	<2	0.31	0.7	2	8	20	0.58
DD013028		0.08	NSS	0.5	1.40	3	<10	680	0.9	<2	0.43	0.5	3	13	42	1.36
DD013029		0.22	0.015	0.2	0.79	4	<10	340	<0.5	<2	0.30	<0.5	3	12	13	1.26
DD013030		0.28	0.003	0.2	0.80	8	<10	260	<0.5	<2	0.20	<0.5	3	13	14	1.37
DD013031		0.26	0.003	<0.2	0.91	10	<10	200	<0.5	2	0.19	<0.5	5	14	13	1.66
DD013032		0.16	0.008	0.2	0.89	6	<10	150	<0.5	<2	0.16	<0.5	4	13	9	1.39
DD013033		0.14	0.002	0.3	0.79	6	<10	250	<0.5	2	0.15	<0.5	3	11	12	1.12
DD013034		0.24	0.003	<0.2	0.75	6	<10	320	<0.5	<2	0.22	<0.5	4	15	16	1.20
DD013035		0.26	0.004	0.4	1.34	15	<10	460	0.5	<2	0.27	<0.5	6	21	24	1.97
DD013036		0.26	0.003	0.3	1.41	8	<10	380	<0.5	<2	0.29	<0.5	6	22	20	2.08
DD013037		0.28	0.003	0.2	1.08	7	<10	190	<0.5	<2	0.20	<0.5	3	17	10	1.38
DD013038		0.18	0.002	0.2	0.84	7	<10	150	<0.5	<2	0.19	<0.5	2	13	9	1.42
DD013039		0.24	0.007	<0.2	0.98	10	<10	140	<0.5	2	0.27	<0.5	4	17	9	1.85
DD013040		0.26	0.004	<0.2	1.08	7	<10	180	<0.5	<2	0.24	<0.5	4	18	10	1.65

***** See Appendix Page for comments regarding this certificate *****

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013001		10	<1	0.10	10	0.44	236	<1	0.02	9	710	9	0.05	<2	3	19
DD013002		<10	<1	0.07	10	0.39	345	<1	0.02	9	680	8	0.05	<2	2	17
DD013003		10	<1	0.07	10	0.23	166	1	0.01	7	310	7	0.02	<2	2	14
DD013004		<10	<1	0.08	10	0.39	182	<1	0.02	8	780	7	0.05	<2	3	21
DD013005		<10	<1	0.08	10	0.38	203	<1	0.02	8	630	6	0.03	<2	3	16
DD013006		<10	<1	0.08	10	0.44	166	<1	0.02	11	570	7	0.02	<2	3	17
DD013007		<10	<1	0.08	20	0.41	213	<1	0.02	11	610	8	0.03	<2	4	16
DD013008		10	<1	0.05	10	0.40	256	<1	0.02	8	720	7	0.05	<2	3	23
DD013009		<10	<1	0.05	10	0.36	151	<1	0.02	8	700	6	0.04	<2	2	25
DD013010		10	<1	0.08	20	0.45	555	<1	0.02	12	650	9	0.03	<2	4	25
DD013011		<10	<1	0.07	20	0.32	360	1	0.02	8	480	11	0.03	<2	4	25
DD013012		<10	<1	0.08	20	0.38	351	<1	0.02	12	820	15	0.06	<2	5	41
DD013013		<10	<1	0.09	10	0.44	1190	1	0.02	12	630	15	0.04	2	4	37
DD013014		<10	<1	0.07	10	0.34	336	1	0.02	9	440	12	0.03	2	3	29
DD013015		<10	<1	0.06	20	0.28	145	<1	0.02	7	690	7	0.10	2	3	38
DD013016		<10	<1	0.06	20	0.21	221	1	0.02	6	590	9	0.08	2	3	34
DD013017		<10	<1	0.08	20	0.21	111	2	0.02	7	520	25	0.09	6	3	28
DD013018		<10	<1	0.07	20	0.22	130	3	0.02	8	620	21	0.15	6	4	38
DD013019		<10	<1	0.04	10	0.17	247	1	0.02	6	560	7	0.10	2	2	24
DD013020		<10	<1	0.02	<10	0.09	79	<1	0.03	4	820	2	0.09	<2	1	34
DD013021		<10	<1	0.03	10	0.18	133	<1	0.03	5	660	6	0.06	<2	1	18
DD013022		<10	<1	0.03	40	0.22	161	<1	0.02	12	1530	14	0.18	<2	2	72
DD013023		<10	<1	0.05	20	0.33	254	<1	0.02	8	730	16	0.06	<2	2	40
DD013024		<10	<1	0.05	10	0.35	304	1	0.02	7	570	19	0.02	<2	2	22
DD013025		<10	<1	0.05	20	0.38	179	2	0.02	9	660	20	0.05	<2	3	31
DD013026		<10	<1	0.06	10	0.33	203	1	0.02	8	690	22	0.05	<2	2	29
DD013027		<10	<1	0.04	10	0.12	71	<1	0.03	3	630	13	0.07	<2	1	21
DD013028		<10	<1	0.11	20	0.14	126	1	0.03	7	740	18	0.08	2	3	30
DD013029		<10	<1	0.08	10	0.18	197	1	0.02	5	510	14	0.02	2	2	22
DD013030		<10	<1	0.07	10	0.21	213	<1	0.03	9	330	27	0.01	<2	1	20
DD013031		<10	<1	0.07	10	0.22	305	<1	0.03	8	360	23	0.01	3	1	18
DD013032		<10	<1	0.06	10	0.24	213	<1	0.03	7	310	27	0.01	<2	1	16
DD013033		<10	<1	0.07	10	0.14	228	<1	0.03	6	410	13	0.02	<2	1	17
DD013034		<10	<1	0.07	20	0.26	164	<1	0.02	9	280	22	<0.01	<2	2	20
DD013035		<10	1	0.10	20	0.32	371	<1	0.03	11	540	34	0.01	2	3	24
DD013036		<10	<1	0.08	10	0.33	434	<1	0.03	11	670	18	0.02	2	3	25
DD013037		<10	<1	0.05	10	0.27	93	<1	0.03	8	570	15	0.02	<2	2	16
DD013038		<10	<1	0.05	10	0.21	84	<1	0.03	7	530	8	0.02	<2	2	14
DD013039		<10	<1	0.05	10	0.31	127	<1	0.03	9	620	11	0.01	<2	2	17
DD013040		<10	<1	0.05	10	0.32	139	<1	0.03	9	550	12	0.01	<2	2	16

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD013001		<20	0.06	<10	<10	56	<10	54
DD013002		<20	0.06	<10	<10	40	<10	45
DD013003		<20	0.08	<10	<10	63	<10	38
DD013004		<20	0.05	<10	<10	47	<10	48
DD013005		<20	0.06	<10	<10	35	<10	45
DD013006		<20	0.07	<10	<10	51	<10	54
DD013007		<20	0.05	<10	<10	47	<10	57
DD013008		<20	0.06	<10	<10	40	<10	48
DD013009		<20	0.05	<10	<10	41	<10	50
DD013010		<20	0.06	<10	<10	52	<10	50
DD013011		<20	0.04	<10	<10	36	<10	51
DD013012		<20	0.04	<10	<10	52	<10	62
DD013013		<20	0.05	<10	<10	53	<10	72
DD013014		<20	0.05	<10	<10	39	<10	46
DD013015		<20	0.04	<10	<10	33	<10	59
DD013016		<20	0.04	<10	10	44	<10	56
DD013017		<20	0.03	<10	10	38	<10	69
DD013018		<20	0.02	<10	10	40	<10	82
DD013019		<20	0.03	<10	<10	32	<10	62
DD013020		<20	0.02	<10	<10	9	<10	26
DD013021		<20	0.04	<10	<10	24	<10	42
DD013022		<20	0.03	<10	20	25	<10	27
DD013023		<20	0.04	<10	<10	35	<10	67
DD013024		<20	0.05	<10	<10	42	<10	55
DD013025		<20	0.04	<10	10	46	<10	86
DD013026		<20	0.04	<10	<10	39	<10	67
DD013027		<20	0.04	<10	<10	23	<10	39
DD013028		<20	0.02	<10	10	19	<10	58
DD013029		<20	0.04	<10	<10	29	<10	42
DD013030		<20	0.04	<10	<10	30	<10	44
DD013031		<20	0.05	<10	<10	38	<10	54
DD013032		<20	0.05	<10	<10	31	<10	49
DD013033		<20	0.03	<10	<10	26	<10	35
DD013034		<20	0.05	<10	<10	28	<10	44
DD013035		<20	0.05	<10	<10	40	<10	71
DD013036		<20	0.05	<10	<10	41	<10	56
DD013037		<20	0.04	<10	<10	29	<10	39
DD013038		<20	0.04	<10	<10	29	<10	31
DD013039		<20	0.06	<10	<10	37	<10	41
DD013040		<20	0.06	<10	<10	33	<10	41

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Account: ROCKHA

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CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013041		0.26	0.009	0.2	1.26	7	<10	210	<0.5	<2	0.25	<0.5	6	17	13	1.68
DD013042		0.22	0.005	<0.2	1.24	3	<10	180	<0.5	2	0.25	<0.5	4	18	15	1.40
DD013043		0.18	0.007	0.2	1.01	6	<10	210	<0.5	<2	0.23	0.5	4	14	13	1.52
DD013044		0.18	0.005	0.3	1.84	2	<10	390	0.7	<2	0.35	0.9	6	25	38	1.41
DD013045		0.26	0.003	0.2	1.07	3	<10	190	<0.5	<2	0.25	0.6	4	15	23	0.96
DD013046		0.12	0.007	0.4	1.83	5	<10	360	0.7	2	0.36	0.8	7	25	23	1.73
DD013047		0.22	0.005	0.3	1.35	4	<10	280	0.5	2	0.29	1.2	5	20	20	1.37
DD013048		0.18	0.005	0.3	1.18	4	<10	250	<0.5	<2	0.34	0.6	5	19	19	1.43
DD013049		0.18	0.004	0.3	1.54	6	<10	350	0.5	<2	0.36	1.6	6	23	34	1.53
DD013050		0.10	0.004	0.3	1.55	7	<10	410	0.7	2	0.41	2.0	5	26	43	1.52
DD013051		0.30	0.006	<0.2	1.32	8	<10	300	<0.5	<2	0.45	<0.5	8	16	11	2.44
DD013052		0.26	0.003	<0.2	1.47	7	<10	170	<0.5	<2	0.37	<0.5	6	18	8	2.33
DD013053		0.28	0.004	0.2	1.85	6	<10	550	0.6	<2	0.94	<0.5	8	19	20	2.63
DD013054		0.30	0.003	0.2	1.52	7	<10	500	0.7	2	0.55	<0.5	10	16	11	3.38
DD013055		0.24	0.004	<0.2	1.80	10	<10	380	<0.5	<2	0.52	<0.5	10	29	17	2.79
DD013056		0.20	0.003	<0.2	1.46	7	<10	420	0.6	<2	0.43	<0.5	7	18	16	2.26
DD013057		0.28	0.005	0.2	1.43	8	<10	410	<0.5	2	0.54	<0.5	8	16	10	2.63
DD013058		0.30	0.004	<0.2	1.62	9	<10	390	<0.5	2	0.46	<0.5	8	20	13	2.64
DD013059		0.18	0.005	0.2	1.09	7	<10	460	0.6	<2	0.60	<0.5	4	13	24	1.68
DD013060		0.20	0.005	0.2	0.87	7	<10	150	<0.5	<2	0.42	<0.5	5	14	11	1.61
DD013101		0.18	0.005	0.3	1.67	4	<10	110	<0.5	2	0.24	<0.5	6	26	13	1.62
DD013102		0.32	0.008	<0.2	1.27	4	<10	80	<0.5	<2	0.23	<0.5	4	21	9	1.49
DD013103		0.16	0.007	0.2	1.45	8	<10	60	<0.5	<2	0.17	<0.5	5	20	16	2.18
DD013104		0.18	0.005	0.3	0.87	16	<10	210	0.6	<2	0.19	<0.5	13	22	15	3.46
DD013105		0.34	0.005	0.3	1.09	7	<10	250	0.6	2	0.31	<0.5	11	20	16	3.25
DD013106		0.36	0.010	0.4	1.16	10	<10	260	0.5	<2	0.38	1.0	11	15	53	3.56
DD013107		0.42	0.005	<0.2	1.15	4	<10	220	<0.5	<2	0.29	0.6	6	17	23	2.10
DD013108		0.22	0.006	0.4	1.34	21	<10	230	0.9	<2	0.29	1.2	6	21	29	4.33
DD013109		0.14	0.004	0.2	1.08	4	<10	180	<0.5	<2	0.25	0.5	5	17	14	1.64
DD013110		0.46	0.004	0.2	1.04	3	<10	160	<0.5	<2	0.27	0.5	5	17	12	1.66
DD013111		0.20	0.002	0.2	0.40	<2	<10	90	<0.5	<2	0.15	<0.5	3	6	7	0.88
DD013112		0.36	0.005	0.2	1.47	7	<10	450	0.6	<2	0.31	0.8	9	24	24	2.28
DD013113		0.30	0.004	0.2	1.49	5	<10	410	0.5	<2	0.45	0.6	6	21	30	2.09
DD013114		0.12	0.005	0.4	1.32	4	<10	490	0.7	<2	0.59	1.0	5	22	33	1.40
DD013115		0.30	0.020	0.2	0.85	3	<10	250	<0.5	<2	0.27	0.5	4	13	14	1.16
DD013116		0.20	0.004	0.2	1.11	3	<10	350	0.5	<2	0.36	0.7	6	19	26	1.51
DD013117		0.48	0.008	<0.2	1.44	5	<10	170	<0.5	<2	0.35	0.7	8	22	15	2.15
DD013118		0.22	0.010	0.2	1.10	5	<10	250	<0.5	<2	0.38	0.7	6	20	18	1.95
DD013119		0.14	0.007	0.2	1.08	3	<10	330	<0.5	<2	0.50	1.5	7	14	21	1.57
DD013120		0.20	0.003	<0.2	0.92	18	<10	150	<0.5	<2	0.13	0.9	5	15	8	1.68

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DD013041		<10	<1	0.06	10	0.40	378	<1	0.03	10	600	19	0.02	<2	2	18
DD013042		<10	<1	0.06	10	0.39	176	<1	0.02	10	690	16	0.01	<2	2	17
DD013043		<10	<1	0.05	10	0.29	208	<1	0.03	9	550	16	0.02	<2	2	18
DD013044		10	1	0.08	20	0.49	403	<1	0.03	15	680	33	0.05	<2	4	33
DD013045		<10	<1	0.05	10	0.29	156	<1	0.03	9	570	18	0.03	<2	2	18
DD013046		<10	<1	0.08	20	0.45	241	1	0.03	14	680	36	0.07	2	4	33
DD013047		<10	<1	0.07	20	0.37	189	<1	0.03	11	540	25	0.06	<2	3	24
DD013048		<10	<1	0.05	20	0.35	193	<1	0.03	11	610	19	0.04	<2	3	25
DD013049		<10	<1	0.06	20	0.41	206	<1	0.03	12	590	26	0.09	<2	4	28
DD013050		<10	<1	0.06	20	0.32	173	1	0.03	13	690	23	0.19	<2	3	33
DD013051		<10	<1	0.10	10	0.49	310	<1	0.03	9	310	9	0.01	<2	4	24
DD013052		10	<1	0.10	10	0.52	274	<1	0.03	10	210	8	0.01	<2	3	21
DD013053		10	<1	0.08	20	0.68	420	<1	0.04	10	600	9	0.04	<2	6	50
DD013054		10	<1	0.12	20	0.52	477	<1	0.03	9	400	9	0.02	<2	8	25
DD013055		10	<1	0.11	10	0.57	469	<1	0.03	13	300	10	0.01	<2	5	32
DD013056		10	<1	0.13	30	0.47	368	<1	0.02	10	340	8	0.01	<2	6	25
DD013057		10	<1	0.17	10	0.53	778	<1	0.03	8	330	10	0.02	<2	5	28
DD013058		10	<1	0.14	10	0.56	501	<1	0.03	10	270	8	0.01	<2	5	28
DD013059		<10	<1	0.09	20	0.27	292	<1	0.04	9	460	9	0.03	<2	3	40
DD013060		<10	<1	0.04	10	0.29	151	<1	0.03	8	820	13	0.03	<2	3	37
DD013101		10	<1	0.07	10	0.48	309	<1	0.03	12	710	11	0.05	<2	3	22
DD013102		<10	<1	0.07	10	0.39	158	<1	0.03	10	630	9	0.03	<2	2	17
DD013103		10	<1	0.05	10	0.29	180	<1	0.03	11	360	9	0.02	<2	2	17
DD013104		<10	<1	0.08	20	0.19	845	<1	0.03	14	450	29	0.01	2	7	17
DD013105		<10	<1	0.10	30	0.30	745	<1	0.03	12	570	16	0.02	2	11	18
DD013106		<10	<1	0.09	10	0.48	717	2	0.02	10	460	19	0.04	2	5	20
DD013107		<10	<1	0.07	20	0.35	174	1	0.02	9	530	9	0.01	<2	4	17
DD013108		<10	<1	0.05	40	0.31	286	1	0.02	8	960	6	0.05	<2	5	20
DD013109		<10	<1	0.05	10	0.30	319	<1	0.02	8	640	8	0.02	<2	3	17
DD013110		<10	<1	0.05	10	0.32	401	<1	0.02	7	550	13	0.01	<2	3	17
DD013111		<10	<1	0.03	<10	0.08	180	<1	0.04	3	450	3	0.02	<2	1	14
DD013112		<10	1	0.09	20	0.39	485	1	0.02	13	630	12	0.02	<2	5	23
DD013113		<10	1	0.07	20	0.37	195	1	0.02	10	750	11	0.04	<2	5	28
DD013114		<10	<1	0.07	30	0.27	276	1	0.03	11	770	13	0.11	<2	5	36
DD013115		<10	<1	0.06	20	0.22	93	1	0.02	5	460	13	0.02	<2	3	20
DD013116		<10	<1	0.07	20	0.22	469	1	0.03	9	590	10	0.04	<2	4	23
DD013117		<10	<1	0.07	10	0.45	352	<1	0.02	12	750	15	0.01	<2	3	24
DD013118		<10	<1	0.08	10	0.35	399	2	0.03	10	540	19	0.01	<2	3	35
DD013119		<10	<1	0.05	10	0.26	543	1	0.03	8	640	13	0.04	<2	2	61
DD013120		<10	1	0.08	10	0.27	290	1	0.02	7	160	48	0.01	<2	2	15

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD013041		<20	0.05	<10	<10	37	<10	72
DD013042		<20	0.04	<10	<10	30	<10	58
DD013043		<20	0.04	<10	<10	32	<10	54
DD013044		<20	0.04	<10	10	29	<10	92
DD013045		<20	0.04	<10	<10	23	<10	61
DD013046		<20	0.04	<10	<10	59	<10	105
DD013047		<20	0.05	<10	<10	38	<10	88
DD013048		<20	0.05	<10	<10	36	<10	63
DD013049		<20	0.05	<10	<10	47	<10	95
DD013050		<20	0.03	<10	10	46	<10	96
DD013051		<20	0.08	<10	<10	54	<10	43
DD013052		<20	0.05	<10	<10	50	<10	44
DD013053		<20	0.04	<10	<10	56	<10	46
DD013054		<20	0.06	<10	<10	66	<10	59
DD013055		<20	0.09	<10	<10	63	<10	55
DD013056		<20	0.06	<10	<10	51	<10	45
DD013057		<20	0.08	<10	<10	62	<10	51
DD013058		<20	0.08	<10	<10	58	<10	49
DD013059		<20	0.04	<10	<10	32	<10	32
DD013060		<20	0.05	<10	<10	43	<10	57
DD013101		<20	0.07	<10	<10	45	<10	46
DD013102		<20	0.07	<10	<10	36	<10	40
DD013103		<20	0.07	<10	<10	49	<10	35
DD013104		<20	0.02	<10	<10	58	<10	91
DD013105		<20	0.04	<10	<10	58	<10	79
DD013106		<20	0.05	<10	<10	55	<10	60
DD013107		<20	0.04	<10	<10	40	<10	36
DD013108		<20	0.04	<10	<10	63	<10	31
DD013109		<20	0.04	<10	<10	43	<10	32
DD013110		<20	0.05	<10	<10	40	<10	37
DD013111		<20	0.03	<10	<10	24	<10	15
DD013112		<20	0.04	<10	<10	45	<10	55
DD013113		<20	0.04	<10	<10	50	<10	73
DD013114		<20	0.03	<10	<10	43	<10	62
DD013115		<20	0.04	<10	<10	32	<10	46
DD013116		<20	0.04	<10	<10	38	<10	46
DD013117		<20	0.07	<10	<10	42	<10	57
DD013118		<20	0.07	<10	<10	39	<10	49
DD013119		<20	0.04	<10	<10	35	<10	52
DD013120		<20	0.06	<10	<10	37	<10	89

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013121		0.32	0.008	0.4	1.64	14	<10	310	0.5	<2	0.25	1.1	6	24	13	2.44
DD013122		0.30	0.018	0.4	0.84	13	<10	300	<0.5	<2	0.28	0.8	5	14	10	1.55
DD013123		0.26	0.004	<0.2	0.86	8	<10	220	<0.5	<2	0.22	0.6	5	16	8	1.70
DD013124		0.34	0.007	0.2	1.48	13	<10	540	0.7	<2	0.28	1.0	6	20	20	2.08
DD013125		0.20	0.006	0.4	0.93	5	<10	540	0.5	<2	0.26	0.5	2	9	20	1.21
DD013126		0.30	0.007	0.3	1.64	17	<10	590	0.6	<2	0.30	1.1	6	23	27	2.29
DD013127		0.24	0.005	0.3	1.26	11	<10	250	<0.5	<2	0.25	0.9	7	22	14	2.21
DD013128		0.14	0.014	0.6	1.67	15	<10	660	0.7	<2	0.28	1.2	7	22	21	2.33
DD013129		0.26	0.006	0.2	1.25	8	<10	300	<0.5	<2	0.19	0.8	5	17	16	2.06
DD013130		0.18	0.003	0.2	0.51	<2	<10	140	<0.5	<2	0.09	<0.5	2	7	9	1.07
DD013131		0.40	0.009	0.3	1.07	5	<10	380	0.5	<2	0.25	0.6	5	16	12	1.71
DD013132		0.36	0.004	0.4	1.24	8	<10	340	<0.5	<2	0.25	0.7	7	19	13	1.68
DD013133		0.34	0.006	0.4	1.31	10	<10	340	<0.5	<2	0.21	0.8	5	18	17	2.15
DD013134		0.42	0.007	0.3	1.11	11	<10	290	<0.5	<2	0.25	0.7	7	16	16	1.85
DD013135		0.20	0.006	0.2	0.84	5	<10	220	<0.5	<2	0.28	0.6	5	15	16	1.57
DD013136		0.44	0.006	0.5	1.31	10	<10	310	<0.5	<2	0.29	0.8	6	21	17	2.13
DD013137		0.26	0.013	0.2	1.47	13	<10	480	0.5	<2	0.22	0.9	5	22	40	2.84
DD013138		0.12	0.005	<0.2	0.99	3	<10	230	<0.5	<2	0.28	0.6	5	15	13	1.54
DD013139		0.34	0.005	0.2	1.52	<2	<10	330	<0.5	<2	0.40	0.7	5	21	18	1.42
DD013140		0.40	0.016	0.2	0.93	6	<10	170	<0.5	<2	0.42	0.6	5	15	10	1.66
DD013141		0.26	0.005	0.2	1.02	4	<10	180	<0.5	<2	0.42	0.6	5	16	13	1.43
DD013142		0.24	0.006	<0.2	1.00	4	<10	260	<0.5	<2	0.42	<0.5	4	16	12	1.62
DD013143		0.30	0.003	<0.2	1.75	8	<10	330	<0.5	<2	0.40	<0.5	9	22	10	3.14
DD013144		0.22	0.003	<0.2	1.61	6	<10	420	0.5	<2	0.70	<0.5	8	18	16	2.73
DD013145		0.22	0.005	<0.2	1.72	6	<10	530	0.6	<2	0.73	<0.5	8	24	25	2.69
DD013146		0.22	0.007	0.2	1.46	3	<10	370	0.5	<2	0.37	<0.5	11	17	15	3.11
DD013147		0.20	0.003	<0.2	0.92	4	<10	240	<0.5	<2	0.24	<0.5	4	15	12	1.80
DD013148		0.20	0.003	<0.2	1.35	5	<10	300	0.6	<2	0.25	<0.5	8	14	12	2.53
DD013351		0.12	0.005	<0.2	1.38	5	<10	330	0.5	<2	0.42	0.8	6	23	28	1.63
DD013352		0.12	0.005	<0.2	1.26	7	<10	200	<0.5	<2	0.40	<0.5	5	22	17	1.33
DD013353		0.32	0.004	<0.2	1.32	7	<10	260	<0.5	<2	0.37	<0.5	5	20	16	1.44
DD013354		0.08	0.011	<0.2	1.32	15	<10	470	<0.5	<2	0.56	1.0	9	16	22	2.43
DD013355		0.18	0.005	<0.2	1.50	13	<10	300	0.5	<2	0.47	0.5	8	18	22	2.32
DD013356		0.10	NSS	<0.2	0.75	3	<10	250	<0.5	<2	0.67	1.5	3	9	30	0.64
DD013357		0.20	0.009	0.2	1.11	8	<10	240	<0.5	<2	0.48	<0.5	6	18	18	1.89
DD013358		0.28	0.003	<0.2	0.88	10	<10	150	<0.5	<2	0.43	<0.5	5	15	9	1.82
DD013359		0.22	0.030	0.2	1.06	9	<10	200	<0.5	<2	0.44	<0.5	6	16	11	1.87
DD013360		0.24	0.003	<0.2	1.05	7	<10	410	<0.5	<2	0.97	<0.5	5	15	14	1.81
DD013361		0.24	0.004	<0.2	1.84	9	<10	610	0.8	<2	1.13	<0.5	7	25	29	2.46
DD013362		0.24	0.008	<0.2	1.70	3	<10	500	0.7	<2	1.09	<0.5	7	17	22	2.65

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Finalized Date: 15- NOV- 2011
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CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DD013121		<10	1	0.10	10	0.44	320	1	0.02	12	300	113	0.01	<2	3	20
DD013122		<10	1	0.08	10	0.27	458	1	0.02	7	330	89	0.02	<2	2	23
DD013123		<10	<1	0.08	10	0.29	214	1	0.02	7	210	12	0.01	<2	2	19
DD013124		<10	1	0.13	20	0.34	452	2	0.02	9	470	36	0.02	<2	3	27
DD013125		<10	<1	0.07	10	0.11	89	<1	0.04	6	520	6	0.05	<2	2	25
DD013126		<10	<1	0.13	10	0.38	408	2	0.02	12	680	51	0.04	<2	3	29
DD013127		<10	<1	0.11	10	0.42	465	1	0.02	12	420	26	0.02	<2	3	23
DD013128		<10	<1	0.16	10	0.33	463	1	0.03	11	680	67	0.03	<2	3	27
DD013129		<10	<1	0.07	10	0.23	366	1	0.02	7	230	19	0.01	<2	2	20
DD013130		<10	1	0.04	<10	0.08	83	<1	0.03	3	310	4	0.03	<2	<1	12
DD013131		<10	<1	0.08	20	0.26	163	<1	0.02	7	500	28	0.01	<2	3	22
DD013132		<10	1	0.07	20	0.30	369	1	0.02	7	550	53	0.02	<2	3	20
DD013133		<10	<1	0.07	10	0.28	169	1	0.02	8	450	25	0.01	<2	3	20
DD013134		<10	1	0.07	20	0.29	349	1	0.02	7	530	28	0.01	<2	3	21
DD013135		<10	<1	0.06	10	0.26	163	<1	0.03	8	590	12	0.02	<2	2	21
DD013136		<10	<1	0.07	20	0.33	186	1	0.02	9	640	22	0.01	<2	3	23
DD013137		<10	1	0.06	10	0.23	146	1	0.02	8	890	23	0.05	<2	2	24
DD013138		<10	<1	0.05	10	0.26	154	<1	0.03	7	660	13	0.03	<2	3	20
DD013139		<10	1	0.07	10	0.47	185	<1	0.02	10	600	24	0.03	<2	4	27
DD013140		<10	<1	0.04	10	0.30	246	<1	0.02	7	830	13	0.02	<2	3	34
DD013141		<10	1	0.04	10	0.33	178	<1	0.02	7	790	14	0.03	<2	3	36
DD013142		<10	1	0.07	20	0.31	204	<1	0.03	9	630	6	0.03	<2	3	23
DD013143		10	<1	0.18	10	0.67	478	2	0.02	10	380	8	0.02	2	6	21
DD013144		10	1	0.13	40	0.63	618	<1	0.03	9	510	7	0.04	<2	7	35
DD013145		10	<1	0.09	60	0.53	406	<1	0.02	12	850	7	0.05	<2	9	43
DD013146		10	<1	0.14	20	0.57	644	1	0.03	8	550	7	0.03	2	5	24
DD013147		<10	1	0.10	10	0.33	215	<1	0.02	5	150	6	0.02	<2	3	19
DD013148		10	1	0.16	20	0.37	517	<1	0.02	5	290	9	0.02	<2	4	20
DD013351		<10	<1	0.05	20	0.35	180	1	0.02	10	590	16	0.09	<2	4	28
DD013352		<10	<1	0.07	10	0.35	253	<1	0.02	9	590	16	0.04	<2	4	25
DD013353		<10	<1	0.05	10	0.33	250	1	0.02	9	650	13	0.05	<2	3	26
DD013354		<10	1	0.06	10	0.30	6610	3	0.03	13	720	11	0.10	<2	2	44
DD013355		<10	<1	0.05	10	0.34	408	1	0.04	11	740	14	0.08	<2	3	44
DD013356		<10	<1	0.04	10	0.19	146	1	0.03	10	860	9	0.30	<2	1	67
DD013357		<10	<1	0.04	10	0.31	307	<1	0.03	9	860	12	0.05	2	3	42
DD013358		<10	1	0.05	10	0.30	176	<1	0.03	6	880	13	0.04	<2	3	32
DD013359		<10	<1	0.05	10	0.33	366	1	0.03	7	840	15	0.04	<2	3	36
DD013360		<10	<1	0.10	20	0.35	309	<1	0.03	7	570	6	0.05	<2	3	44
DD013361		10	1	0.12	80	0.57	242	<1	0.02	13	690	8	0.06	<2	7	50
DD013362		<10	1	0.10	60	0.63	372	<1	0.02	8	650	6	0.06	<2	9	46

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD013121		<20	0.06	<10	<10	48	<10	96
DD013122		<20	0.04	<10	<10	28	<10	82
DD013123		<20	0.06	<10	<10	38	<10	44
DD013124		<20	0.03	<10	<10	35	<10	77
DD013125		<20	0.02	<10	<10	24	<10	37
DD013126		<20	0.03	<10	<10	41	<10	85
DD013127		<20	0.07	<10	<10	47	<10	69
DD013128		<20	0.03	<10	<10	46	<10	110
DD013129		<20	0.05	<10	<10	50	<10	40
DD013130		<20	0.03	<10	<10	30	<10	20
DD013131		<20	0.04	<10	<10	38	<10	51
DD013132		<20	0.04	<10	<10	35	<10	68
DD013133		<20	0.04	<10	<10	40	<10	51
DD013134		<20	0.05	<10	<10	35	<10	56
DD013135		<20	0.05	<10	<10	34	<10	38
DD013136		<20	0.06	<10	<10	44	<10	54
DD013137		<20	0.03	<10	<10	52	<10	41
DD013138		<20	0.05	<10	<10	32	<10	39
DD013139		<20	0.06	<10	<10	36	<10	68
DD013140		<20	0.05	<10	<10	40	<10	58
DD013141		<20	0.05	<10	<10	39	<10	58
DD013142		<20	0.06	<10	<10	38	<10	39
DD013143		<20	0.14	<10	<10	77	<10	62
DD013144		<20	0.09	<10	<10	69	<10	47
DD013145		<20	0.07	<10	<10	66	<10	47
DD013146		<20	0.07	<10	<10	67	<10	57
DD013147		<20	0.09	<10	<10	54	<10	31
DD013148		<20	0.07	<10	<10	54	<10	47
DD013351		<20	0.06	<10	10	49	<10	70
DD013352		<20	0.07	<10	<10	37	<10	54
DD013353		<20	0.05	<10	<10	42	<10	58
DD013354		<20	0.04	<10	<10	40	<10	143
DD013355		<20	0.04	<10	<10	43	<10	97
DD013356		<20	0.03	<10	<10	27	<10	105
DD013357		<20	0.05	<10	<10	44	<10	58
DD013358		<20	0.05	<10	<10	48	<10	55
DD013359		<20	0.05	<10	<10	43	<10	60
DD013360		<20	0.06	<10	<10	43	<10	37
DD013361		<20	0.06	<10	<10	60	<10	50
DD013362		<20	0.05	<10	<10	64	<10	48

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD013363		0.16	0.011	<0.2	1.64	8	<10	530	0.8	<2	1.26	<0.5	9	21	24	2.67
DD013364		0.18	<0.001	<0.2	1.58	2	<10	820	0.8	<2	1.62	<0.5	7	17	27	2.20
DD013365		0.16	0.004	0.2	1.78	5	<10	910	0.8	<2	1.31	<0.5	8	20	49	2.40
DD013366		0.20	0.004	0.2	2.08	6	<10	990	0.9	<2	1.08	<0.5	9	22	48	2.61
DD013367		0.20	0.002	0.2	2.66	10	<10	930	0.8	<2	0.98	<0.5	11	21	50	3.28
DD013368		0.22	0.004	<0.2	1.50	9	<10	450	0.5	<2	0.40	<0.5	7	27	18	2.60
DD013369		0.22	0.005	<0.2	1.44	8	<10	550	0.8	<2	0.44	<0.5	10	14	19	3.19
DD013370		0.16	0.005	<0.2	1.26	2	<10	640	0.6	<2	0.68	<0.5	2	10	17	1.40
DD013371		0.22	0.005	0.3	2.01	8	<10	150	<0.5	<2	0.16	<0.5	8	28	28	3.10
DD013372		0.20	0.003	<0.2	2.11	12	<10	210	0.5	<2	0.17	<0.5	6	18	18	3.79
DD013373		0.20	0.001	0.4	1.42	9	<10	620	0.6	<2	0.67	0.5	6	14	35	2.43
DD013374		0.30	0.005	0.3	1.87	7	<10	420	0.8	2	0.54	<0.5	13	16	22	4.13
DD013375		0.24	0.006	<0.2	1.57	2	<10	450	0.5	<2	0.67	<0.5	10	18	17	3.24
DD013376		0.18	0.005	0.5	1.69	5	<10	460	0.6	<2	0.71	<0.5	9	20	23	3.00
DD013377		0.24	0.007	<0.2	1.50	2	<10	530	0.6	<2	1.02	<0.5	8	18	20	2.90
DD013378		0.16	0.007	0.4	2.52	6	<10	870	1.5	<2	0.87	<0.5	11	21	30	3.08
DD013379		0.20	0.004	<0.2	1.86	11	<10	440	0.5	<2	0.37	<0.5	10	18	14	3.58
DD013380		0.24	0.005	<0.2	1.60	6	<10	260	<0.5	<2	0.42	0.7	8	26	19	2.65
DD013381		0.12	0.004	0.5	1.94	4	<10	580	0.6	<2	0.57	1.4	32	30	54	3.32
DD013382		0.22	0.004	0.2	1.68	4	<10	340	<0.5	<2	0.35	0.7	7	22	21	2.49
DD013383		0.22	0.004	3.0	1.83	8	<10	660	0.6	9	0.64	0.9	12	25	21	3.37
DD013384		0.28	0.002	<0.2	1.50	6	<10	340	<0.5	<2	0.46	0.8	9	24	14	2.80
DD013385		0.14	0.004	0.4	1.95	7	<10	1130	0.6	<2	0.92	0.8	9	24	22	2.98
DD013386		0.22	0.004	0.4	2.21	2	<10	800	0.6	<2	0.76	1.6	17	27	23	4.46
DD013387		0.22	0.004	0.2	2.40	5	<10	260	0.5	<2	0.17	1.1	11	17	21	3.98
DD013388		0.22	0.004	0.2	1.47	8	<10	140	<0.5	<2	0.14	0.8	5	18	11	2.79
DD013389		0.22	0.003	0.4	2.95	13	<10	340	0.5	<2	0.25	1.4	11	28	23	4.73
DD013390		0.24	0.003	0.2	1.98	7	<10	200	<0.5	<2	0.18	1.0	10	24	17	3.50
DD013391		0.18	0.005	<0.2	1.68	7	<10	200	<0.5	<2	0.23	0.9	6	23	16	2.77
DD013392		0.20	0.006	0.2	2.32	8	<10	300	0.5	<2	0.25	1.0	9	29	17	3.27
DD013393		0.28	0.004	0.2	3.00	10	<10	380	0.7	<2	0.28	1.1	12	28	21	3.64
DD013394		0.28	0.004	0.3	2.29	8	<10	720	0.6	<2	0.39	0.8	8	26	25	3.01
DD013395		0.18	0.004	<0.2	1.67	9	<10	180	<0.5	<2	0.19	0.8	6	20	16	2.95
DD013396		0.16	0.014	1.0	2.53	6	<10	1450	1.2	<2	0.76	1.2	7	19	37	2.66
DD013397		0.26	0.003	0.3	1.78	15	<10	230	0.6	<2	0.17	1.0	12	19	43	3.86
DD013398		0.38	0.005	0.2	1.49	6	<10	370	<0.5	<2	0.35	0.7	7	24	16	2.26
DD013399		0.30	0.005	0.2	1.88	7	<10	540	0.6	<2	0.53	1.2	11	28	23	3.64
DD013400		0.28	0.004	0.2	1.82	8	<10	170	<0.5	<2	0.25	0.9	9	20	14	2.86

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013363		<10	1	0.11	90	0.58	541	<1	0.03	11	670	7	0.06	<2	8	49
DD013364		<10	1	0.11	40	0.42	461	<1	0.03	9	880	7	0.10	<2	7	67
DD013365		<10	1	0.10	40	0.46	538	1	0.03	13	1070	5	0.09	<2	7	55
DD013366		10	<1	0.10	40	0.47	492	1	0.03	13	990	6	0.07	<2	6	61
DD013367		10	<1	0.18	20	0.71	672	1	0.03	11	890	8	0.06	<2	12	50
DD013368		10	<1	0.15	10	0.51	420	1	0.02	13	260	8	0.03	<2	5	27
DD013369		10	1	0.17	20	0.35	807	2	0.02	8	400	20	0.03	4	6	35
DD013370		<10	1	0.08	30	0.19	95	<1	0.04	5	650	5	0.05	3	4	35
DD013371		10	1	0.08	10	0.55	356	3	0.02	9	280	15	0.03	<2	5	17
DD013372		10	1	0.10	10	0.39	300	2	0.01	7	260	11	0.02	<2	6	23
DD013373		<10	<1	0.09	20	0.29	298	1	0.03	8	890	10	0.10	<2	6	51
DD013374		10	1	0.20	20	0.78	902	2	0.03	8	450	30	0.02	3	14	29
DD013375		10	<1	0.18	20	0.64	536	1	0.03	7	600	15	0.04	2	7	38
DD013376		10	<1	0.15	30	0.59	524	1	0.02	10	690	15	0.05	<2	7	39
DD013377		<10	<1	0.18	30	0.57	455	1	0.03	9	800	13	0.06	<2	7	63
DD013378		10	1	0.16	80	0.48	1420	1	0.02	12	920	12	0.06	<2	14	47
DD013379		10	1	0.18	10	0.70	489	1	0.02	8	400	10	0.03	<2	7	29
DD013380		10	<1	0.11	10	0.56	438	2	0.02	18	300	11	0.01	<2	4	30
DD013381		10	<1	0.10	20	0.44	1755	4	0.03	21	730	18	0.03	<2	2	55
DD013382		10	1	0.07	10	0.45	307	<1	0.03	13	510	3	0.02	<2	4	30
DD013383		10	1	0.10	20	0.58	770	1	0.03	14	680	14	0.03	<2	8	44
DD013384		<10	1	0.10	10	0.58	237	1	0.03	13	490	5	0.02	<2	4	31
DD013385		10	<1	0.12	10	0.50	345	<1	0.03	14	920	7	0.07	<2	7	56
DD013386		10	<1	0.16	20	1.03	573	4	0.04	11	1150	6	0.11	<2	9	45
DD013387		10	1	0.12	10	0.52	546	1	0.02	8	360	6	0.01	<2	7	22
DD013388		10	<1	0.07	10	0.34	175	1	0.02	8	190	7	0.01	<2	4	16
DD013389		10	<1	0.17	10	0.67	451	1	0.02	16	320	12	0.02	<2	9	26
DD013390		10	<1	0.10	10	0.44	590	1	0.02	14	630	9	0.02	<2	4	20
DD013391		10	<1	0.08	10	0.40	199	1	0.02	10	310	7	0.02	<2	3	25
DD013392		10	<1	0.10	20	0.52	363	1	0.02	15	400	8	0.02	<2	7	23
DD013393		10	<1	0.16	20	0.71	511	<1	0.02	17	460	13	0.02	<2	9	24
DD013394		10	<1	0.09	20	0.48	309	1	0.03	13	520	11	0.03	<2	5	33
DD013395		10	<1	0.07	10	0.39	210	1	0.02	10	370	7	0.02	<2	4	20
DD013396		10	1	0.15	30	0.27	514	1	0.04	14	1280	9	0.13	<2	18	54
DD013397		<10	<1	0.10	10	0.27	665	2	0.02	9	450	19	0.01	<2	6	20
DD013398		<10	<1	0.05	10	0.40	192	<1	0.02	11	620	7	0.01	<2	4	29
DD013399		10	<1	0.15	20	0.67	625	<1	0.03	14	1090	13	0.01	<2	9	34
DD013400		10	<1	0.08	10	0.50	343	<1	0.02	12	470	14	0.01	<2	5	19

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CERTIFICATE OF ANALYSIS WH11186307

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DD013363		<20	0.06	<10	<10	66	<10	49
DD013364		<20	0.03	<10	<10	47	<10	47
DD013365		<20	0.04	<10	<10	51	<10	44
DD013366		<20	0.04	<10	<10	62	<10	47
DD013367		<20	0.05	<10	<10	75	<10	57
DD013368		<20	0.08	<10	<10	57	<10	57
DD013369		<20	0.02	<10	<10	58	<10	66
DD013370		<20	0.02	<10	<10	26	<10	24
DD013371		<20	0.10	<10	<10	86	<10	51
DD013372		<20	0.05	<10	<10	79	<10	55
DD013373		<20	0.03	<10	<10	44	<10	54
DD013374		<20	0.08	<10	<10	87	<10	85
DD013375		<20	0.09	<10	<10	76	<10	65
DD013376		<20	0.07	<10	<10	68	<10	63
DD013377		<20	0.08	<10	<10	67	<10	69
DD013378		<20	0.03	<10	<10	59	<10	61
DD013379		<20	0.08	<10	<10	83	<10	65
DD013380		<20	0.10	<10	<10	62	<10	56
DD013381		<20	0.06	<10	<10	80	<10	54
DD013382		<20	0.06	<10	<10	52	<10	45
DD013383		<20	0.07	<10	<10	71	<10	56
DD013384		<20	0.10	<10	<10	61	<10	47
DD013385		<20	0.04	<10	<10	65	<10	50
DD013386		<20	0.21	<10	20	140	<10	83
DD013387		<20	0.08	<10	<10	87	<10	53
DD013388		<20	0.11	<10	<10	81	<10	36
DD013389		<20	0.12	<10	<10	106	<10	65
DD013390		<20	0.11	<10	<10	77	<10	50
DD013391		<20	0.08	<10	<10	71	<10	38
DD013392		<20	0.10	<10	<10	69	<10	47
DD013393		<20	0.10	<10	<10	74	<10	61
DD013394		<20	0.06	<10	<10	66	<10	45
DD013395		<20	0.09	<10	<10	72	<10	40
DD013396		<20	0.02	<10	20	66	<10	55
DD013397		<20	0.03	<10	<10	69	<10	67
DD013398		<20	0.07	<10	<10	49	<10	44
DD013399		<20	0.11	<10	<10	81	<10	71
DD013400		<20	0.07	<10	<10	63	<10	44

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186307

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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CERTIFICATE WH11186308

Project: Klaza Soil

P.O. No.:

This report is for 132 Soil samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- NOV- 2011
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CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD013491		0.20	0.005	<0.2	1.22	4	<10	210	<0.5	<2	0.26	0.8	5	16	18	1.22
DD013492		0.32	0.007	<0.2	0.82	7	<10	170	<0.5	<2	0.24	0.8	5	13	11	1.69
DD013493		0.26	0.010	0.3	1.83	9	<10	400	0.7	<2	0.31	1.5	8	26	30	2.04
DD013494		0.20	0.010	0.2	1.62	4	<10	310	<0.5	<2	0.33	<0.5	5	20	25	1.51
DD013495		0.24	0.002	<0.2	1.04	3	<10	210	<0.5	<2	0.30	<0.5	3	14	13	1.02
DD013496		0.26	0.004	0.2	1.01	4	<10	210	<0.5	<2	0.27	0.6	4	14	14	1.11
DD013497		0.26	0.002	<0.2	1.34	8	<10	260	<0.5	<2	0.38	0.7	7	21	19	1.92
DD013498		0.26	0.003	<0.2	1.27	4	<10	280	<0.5	<2	0.27	0.6	5	18	18	1.51
DD013499		0.22	0.002	<0.2	0.98	4	<10	200	<0.5	<2	0.30	0.7	4	13	12	1.13
DD013500		0.26	0.052	0.2	1.10	11	<10	320	<0.5	<2	0.46	0.7	8	15	14	2.12
DD013751		0.28	0.003	<0.2	1.42	8	<10	240	<0.5	<2	0.28	<0.5	8	24	18	2.10
DD013752		0.42	0.009	<0.2	2.09	14	<10	410	0.8	<2	0.33	<0.5	12	16	15	3.94
DD013753		0.34	0.004	<0.2	1.38	8	<10	100	<0.5	<2	0.19	<0.5	5	19	11	2.32
DD013754		0.32	0.003	<0.2	1.40	12	<10	140	<0.5	<2	0.14	<0.5	5	15	14	3.66
DD013755		0.30	0.005	<0.2	2.37	8	<10	150	0.5	<2	0.25	<0.5	7	28	15	2.85
DD013756		0.32	0.006	<0.2	2.31	7	<10	250	0.5	<2	0.27	<0.5	10	24	20	3.22
DD013757		0.24	0.005	<0.2	2.22	11	<10	180	<0.5	<2	0.18	<0.5	8	24	15	3.49
DD013758		0.24	0.001	<0.2	2.69	12	<10	270	<0.5	<2	0.16	<0.5	9	24	24	4.08
DD013759		0.28	0.002	0.2	1.53	8	<10	150	<0.5	<2	0.13	<0.5	4	16	19	2.38
DD013760		0.24	0.017	<0.2	2.21	10	<10	250	<0.5	<2	0.19	<0.5	7	19	18	4.21
DD013761		0.36	<0.001	<0.2	2.47	7	<10	360	0.7	<2	0.22	<0.5	9	16	15	4.05
DD013762		0.20	0.001	0.2	1.42	8	<10	110	<0.5	<2	0.14	<0.5	4	16	12	2.32
DD013763		0.34	0.001	<0.2	1.62	8	<10	170	<0.5	<2	0.24	<0.5	6	20	13	2.40
DD013764		0.36	0.010	<0.2	2.05	5	<10	440	0.6	<2	0.45	<0.5	9	25	25	2.89
DD013765		0.30	0.005	<0.2	2.15	9	<10	300	<0.5	<2	0.31	<0.5	8	24	17	3.05
DD013766		0.32	0.002	<0.2	1.26	4	<10	320	<0.5	<2	0.27	<0.5	5	17	8	2.15
DD013767		0.30	0.001	<0.2	1.36	7	<10	250	<0.5	<2	0.26	<0.5	7	21	13	2.37
DD013768		0.26	<0.001	<0.2	1.91	7	<10	370	0.6	<2	0.35	<0.5	8	19	14	2.87
DD013769		0.32	<0.001	<0.2	1.65	9	<10	250	<0.5	<2	0.24	<0.5	8	15	11	3.10
DD013770		0.24	0.002	<0.2	1.81	8	<10	480	0.7	<2	0.58	<0.5	7	25	21	2.40
DD013771		0.16	0.004	0.2	1.63	7	<10	540	0.5	<2	0.47	0.7	7	28	37	2.35
DD013772		0.24	0.004	0.2	1.60	6	<10	440	0.5	<2	0.38	0.5	6	27	31	1.81
DD013773		0.18	0.005	0.2	1.37	2	<10	330	<0.5	<2	0.39	0.5	5	22	34	1.41
DD013774		0.24	0.003	<0.2	1.07	<2	<10	200	<0.5	<2	0.35	<0.5	4	17	12	0.98
DD013775		0.18	0.003	<0.2	1.36	2	<10	270	<0.5	<2	0.32	0.5	6	21	23	1.58
DD013776		0.24	0.004	<0.2	1.39	5	<10	240	<0.5	<2	0.41	0.6	4	23	25	1.27
DD013777		0.16	0.001	0.2	1.58	8	<10	230	0.5	<2	0.46	<0.5	10	22	22	2.43
DD013778		0.16	0.008	0.2	1.57	7	<10	230	0.6	<2	0.37	1.0	6	23	29	1.81
DD013779		0.22	0.002	0.2	1.27	6	<10	160	<0.5	<2	0.31	<0.5	6	18	19	1.81
DD013780		0.22	0.005	<0.2	1.34	3	<10	180	<0.5	<2	0.38	<0.5	4	19	23	1.29

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013491		<10	<1	0.05	10	0.35	143	<1	0.01	9	560	20	0.02	<2	2	19
DD013492		<10	<1	0.04	10	0.24	209	1	0.02	6	490	12	0.02	<2	2	19
DD013493		10	<1	0.07	20	0.45	239	2	0.01	12	740	31	0.05	<2	5	27
DD013494		<10	<1	0.06	20	0.39	187	1	0.02	12	640	22	0.05	<2	3	28
DD013495		<10	<1	0.05	10	0.29	108	<1	0.02	7	560	13	0.04	2	2	24
DD013496		<10	<1	0.04	10	0.28	144	1	0.02	7	540	16	0.03	2	2	21
DD013497		<10	<1	0.06	20	0.40	178	1	0.03	12	700	21	0.04	<2	4	34
DD013498		<10	<1	0.05	10	0.33	172	1	0.02	9	530	17	0.03	2	3	23
DD013499		<10	<1	0.04	10	0.27	158	<1	0.02	6	630	12	0.03	<2	2	20
DD013500		<10	<1	0.05	10	0.32	1630	1	0.03	11	830	12	0.05	2	3	43
DD013751		<10	<1	0.06	10	0.41	294	<1	0.02	13	520	7	0.02	<2	4	24
DD013752		10	<1	0.17	20	0.52	872	1	0.02	11	980	12	0.02	<2	10	20
DD013753		10	<1	0.05	10	0.33	174	1	0.02	9	430	8	0.02	<2	3	16
DD013754		10	<1	0.07	10	0.31	282	1	0.02	6	270	11	0.02	2	5	19
DD013755		<10	<1	0.08	10	0.44	221	<1	0.02	13	470	8	0.03	<2	4	23
DD013756		10	<1	0.10	10	0.72	485	<1	0.02	14	490	10	0.02	<2	7	22
DD013757		10	<1	0.10	10	0.53	287	1	0.02	13	480	9	0.02	2	4	21
DD013758		10	<1	0.13	10	0.55	345	1	0.01	14	320	13	0.02	2	6	19
DD013759		10	<1	0.06	10	0.25	169	1	0.02	9	250	13	0.02	2	3	16
DD013760		10	<1	0.13	10	0.49	362	1	0.02	8	380	12	0.02	2	7	22
DD013761		10	<1	0.15	10	0.49	426	<1	0.02	8	460	17	0.02	2	9	19
DD013762		10	<1	0.06	10	0.29	164	1	0.02	8	310	8	0.02	<2	3	15
DD013763		<10	<1	0.08	20	0.37	233	<1	0.02	12	560	7	0.02	2	4	16
DD013764		10	<1	0.10	30	0.62	300	1	0.02	14	510	9	0.02	2	8	34
DD013765		10	<1	0.14	10	0.58	354	<1	0.02	13	230	18	0.02	<2	5	25
DD013766		10	<1	0.11	10	0.41	275	1	0.02	7	180	9	0.01	<2	4	23
DD013767		10	<1	0.10	10	0.39	450	1	0.02	9	190	8	0.01	<2	3	23
DD013768		10	<1	0.10	10	0.46	398	1	0.02	9	380	7	0.02	<2	5	30
DD013769		10	1	0.18	10	0.55	376	1	0.02	6	270	7	0.02	2	5	20
DD013770		<10	<1	0.09	50	0.49	350	<1	0.03	15	690	7	0.04	<2	5	36
DD013771		<10	<1	0.06	10	0.38	221	1	0.03	13	630	15	0.15	2	4	31
DD013772		10	<1	0.06	10	0.41	204	1	0.02	14	540	18	0.08	3	5	25
DD013773		<10	<1	0.05	10	0.32	266	<1	0.02	11	630	13	0.09	2	3	27
DD013774		<10	<1	0.04	10	0.29	196	<1	0.02	7	500	12	0.05	<2	3	24
DD013775		<10	<1	0.05	10	0.32	195	<1	0.03	10	620	13	0.07	2	3	27
DD013776		<10	<1	0.06	20	0.36	213	<1	0.02	11	560	15	0.07	2	4	32
DD013777		<10	<1	0.07	20	0.40	1040	2	0.03	11	750	19	0.05	2	3	42
DD013778		<10	<1	0.08	20	0.43	233	1	0.03	12	790	24	0.09	3	3	32
DD013779		<10	<1	0.07	10	0.40	245	1	0.02	10	700	21	0.03	3	3	25
DD013780		<10	1	0.07	10	0.38	161	1	0.03	14	650	16	0.04	<2	3	28

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Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013491		<20	0.04	<10	<10	31	<10	62
DD013492		<20	0.05	<10	<10	33	<10	44
DD013493		<20	0.04	<10	10	49	<10	88
DD013494		<20	0.05	<10	<10	41	<10	73
DD013495		<20	0.04	<10	<10	26	<10	53
DD013496		<20	0.04	<10	<10	28	<10	54
DD013497		<20	0.06	<10	<10	44	<10	76
DD013498		<20	0.05	<10	<10	40	<10	67
DD013499		<20	0.05	<10	<10	25	<10	52
DD013500		<20	0.04	<10	<10	43	<10	97
DD013751		<20	0.08	<10	<10	47	<10	41
DD013752		<20	0.09	<10	<10	75	<10	63
DD013753		<20	0.08	<10	<10	54	<10	32
DD013754		<20	0.10	<10	<10	96	<10	43
DD013755		<20	0.09	<10	<10	54	<10	46
DD013756		<20	0.10	<10	<10	73	<10	52
DD013757		<20	0.10	<10	<10	80	<10	46
DD013758		<20	0.07	<10	<10	82	<10	54
DD013759		<20	0.07	<10	<10	57	<10	30
DD013760		<20	0.11	<10	<10	100	<10	55
DD013761		<20	0.06	<10	<10	80	<10	57
DD013762		<20	0.07	<10	<10	53	<10	33
DD013763		<20	0.07	<10	<10	50	<10	40
DD013764		<20	0.12	<10	<10	71	<10	56
DD013765		<20	0.10	<10	<10	68	<10	59
DD013766		<20	0.09	<10	<10	55	<10	44
DD013767		<20	0.09	<10	<10	61	<10	45
DD013768		<20	0.05	<10	<10	58	<10	46
DD013769		<20	0.08	<10	<10	68	<10	51
DD013770		<20	0.06	<10	<10	51	<10	42
DD013771		<20	0.05	<10	10	50	<10	92
DD013772		<20	0.06	<10	<10	50	<10	99
DD013773		<20	0.05	<10	<10	44	<10	60
DD013774		<20	0.06	<10	<10	36	<10	47
DD013775		<20	0.06	<10	<10	38	<10	67
DD013776		<20	0.06	<10	<10	41	<10	60
DD013777		<20	0.05	<10	<10	48	<10	74
DD013778		<20	0.05	<10	<10	56	<10	78
DD013779		<20	0.05	<10	<10	44	<10	68
DD013780		<20	0.06	<10	<10	33	<10	69

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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD013781		0.26	0.001	<0.2	1.16	<2	<10	160	<0.5	<2	0.34	<0.5	4	17	19	1.53
DD013782		0.18	0.001	<0.2	1.21	4	<10	160	<0.5	<2	0.35	<0.5	6	16	30	1.86
DD013783		0.26	0.002	<0.2	1.26	5	<10	170	<0.5	<2	0.33	<0.5	6	17	16	1.79
DD013784		0.24	0.003	<0.2	1.66	4	<10	210	0.5	<2	0.37	<0.5	6	23	24	1.74
DD013785		0.22	0.005	<0.2	1.35	7	<10	180	<0.5	<2	0.36	<0.5	5	20	19	1.91
DD013786		0.28	0.001	<0.2	0.93	<2	<10	110	<0.5	<2	0.27	<0.5	5	13	10	2.09
DD013787		0.24	0.012	<0.2	0.94	3	<10	160	<0.5	<2	0.33	<0.5	5	14	10	1.63
DD013788		0.22	0.001	<0.2	1.07	3	<10	160	<0.5	<2	0.41	<0.5	5	16	12	1.70
DD013789		0.24	0.018	<0.2	0.83	3	<10	60	<0.5	<2	0.25	<0.5	5	13	6	1.66
DD013790		0.16	0.008	<0.2	1.11	2	<10	90	<0.5	<2	0.27	0.6	6	17	8	1.78
DD013801		0.26	0.004	<0.2	1.54	7	<10	200	<0.5	2	0.32	<0.5	9	25	16	2.59
DD013802		0.32	0.003	<0.2	1.35	2	<10	170	<0.5	<2	0.33	<0.5	8	23	19	1.83
DD013803		0.38	0.002	<0.2	1.23	<2	<10	100	<0.5	<2	0.36	<0.5	5	20	10	1.62
DD013804		0.36	0.002	<0.2	1.52	4	<10	130	<0.5	<2	0.30	<0.5	8	23	17	1.90
DD013805		0.28	0.002	<0.2	1.53	2	<10	100	<0.5	<2	0.26	<0.5	5	21	13	1.42
DD013806		0.26	0.012	<0.2	1.58	2	<10	130	<0.5	<2	0.26	<0.5	5	23	11	1.88
DD013807		0.30	0.003	<0.2	1.69	5	<10	140	<0.5	<2	0.30	<0.5	7	24	11	2.15
DD013808		0.34	0.004	<0.2	1.94	6	<10	200	0.5	<2	0.32	<0.5	8	27	17	2.63
DD013809		0.34	0.003	<0.2	1.46	3	<10	160	<0.5	<2	0.31	<0.5	10	24	18	2.10
DD013810		0.34	0.004	<0.2	0.89	<2	<10	150	<0.5	<2	0.25	<0.5	6	21	14	1.72
DD013811		0.36	0.003	<0.2	1.45	7	<10	250	<0.5	<2	0.34	<0.5	12	24	24	2.85
DD013812		0.34	0.005	<0.2	1.05	7	<10	340	<0.5	<2	0.28	<0.5	8	18	20	1.72
DD013813		0.18	0.002	<0.2	0.86	3	<10	160	<0.5	<2	0.13	<0.5	5	12	11	1.65
DD013814		0.34	0.003	<0.2	0.86	3	<10	280	<0.5	<2	0.27	<0.5	7	15	15	1.44
DD013815		0.32	0.003	<0.2	1.26	8	<10	340	<0.5	<2	0.33	<0.5	8	21	20	2.19
DD013816		0.28	0.003	0.2	1.11	4	<10	450	<0.5	<2	0.71	<0.5	6	17	25	1.82
DD013817		0.28	0.002	<0.2	1.08	3	<10	330	<0.5	<2	0.42	<0.5	10	19	18	2.20
DD013818		0.36	0.003	<0.2	1.13	5	<10	440	0.5	<2	0.41	<0.5	7	21	22	2.06
DD013819		0.18	0.005	0.2	1.85	16	<10	610	0.7	<2	0.93	<0.5	9	23	41	2.90
DD013820		0.30	0.027	0.3	1.33	15	<10	410	<0.5	<2	0.55	<0.5	8	23	29	2.40
DD013951		0.26	0.003	<0.2	1.65	3	<10	140	<0.5	<2	0.19	<0.5	5	19	14	2.45
DD013952		0.18	0.003	<0.2	1.30	6	<10	110	<0.5	<2	0.16	<0.5	4	18	26	2.18
DD013953		0.26	0.002	<0.2	1.35	4	<10	200	<0.5	<2	0.18	<0.5	4	15	13	1.96
DD013954		0.24	0.003	<0.2	2.13	7	<10	400	<0.5	<2	0.30	<0.5	6	24	16	2.71
DD013955		0.32	0.003	<0.2	2.14	3	<10	160	<0.5	<2	0.25	<0.5	7	19	12	2.91
DD013956		0.28	0.002	0.3	1.99	8	<10	180	<0.5	<2	0.19	0.8	7	26	19	2.46
DD013957		0.32	0.004	<0.2	1.64	9	<10	530	0.6	<2	0.52	0.9	10	18	15	3.39
DD013958		0.32	0.003	<0.2	2.02	8	<10	200	<0.5	<2	0.18	0.8	8	21	19	2.66
DD013959		0.28	0.003	0.3	2.73	7	<10	450	0.7	<2	0.28	1.0	12	20	19	3.66
DD013960		0.36	0.001	<0.2	1.97	12	<10	140	<0.5	<2	0.18	0.6	6	28	12	2.43

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VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013781		<10	1	0.06	10	0.33	227	1	0.03	9	630	15	0.03	2	3	25
DD013782		<10	<1	0.06	10	0.31	557	1	0.03	9	740	12	0.04	<2	3	28
DD013783		<10	1	0.05	10	0.35	224	1	0.03	8	680	17	0.03	2	3	28
DD013784		10	<1	0.07	20	0.44	270	1	0.03	12	630	20	0.04	2	4	31
DD013785		<10	<1	0.06	20	0.37	231	1	0.03	11	720	18	0.03	2	3	25
DD013786		<10	<1	0.05	10	0.23	311	1	0.03	6	610	12	0.02	2	2	21
DD013787		<10	<1	0.06	10	0.29	191	1	0.03	6	640	18	0.01	2	2	26
DD013788		<10	1	0.05	10	0.32	308	1	0.03	7	660	13	0.03	2	3	30
DD013789		<10	1	0.06	10	0.23	356	1	0.03	5	430	14	0.02	<2	2	17
DD013790		<10	<1	0.06	10	0.33	267	1	0.03	8	500	14	0.02	3	2	20
DD013801		10	<1	0.10	20	0.50	587	2	0.03	11	460	14	0.03	2	5	22
DD013802		<10	<1	0.07	20	0.37	382	2	0.03	9	830	10	0.04	2	4	21
DD013803		<10	1	0.10	10	0.43	205	<1	0.03	9	580	5	0.01	<2	3	21
DD013804		10	<1	0.07	20	0.40	341	<1	0.03	11	570	8	0.02	3	4	18
DD013805		10	<1	0.07	10	0.39	181	<1	0.02	9	630	7	0.03	<2	3	17
DD013806		10	<1	0.07	10	0.38	216	<1	0.02	11	790	9	0.04	<2	4	19
DD013807		10	<1	0.08	10	0.44	164	<1	0.02	12	650	8	0.02	2	4	20
DD013808		10	<1	0.09	10	0.48	241	<1	0.03	14	620	8	0.02	<2	5	22
DD013809		<10	1	0.09	10	0.49	298	<1	0.02	14	530	8	<0.01	<2	4	23
DD013810		<10	<1	0.08	20	0.28	193	<1	0.01	8	380	13	<0.01	3	4	30
DD013811		<10	<1	0.09	10	0.43	862	1	0.02	13	530	12	0.01	<2	5	27
DD013812		<10	<1	0.07	20	0.34	334	1	0.01	9	320	23	<0.01	4	3	23
DD013813		<10	<1	0.04	10	0.12	254	1	0.01	5	230	13	<0.01	2	1	15
DD013814		<10	<1	0.07	10	0.26	334	<1	0.02	8	480	13	<0.01	2	2	21
DD013815		<10	<1	0.08	10	0.38	342	1	0.01	12	320	14	<0.01	<2	3	24
DD013816		<10	<1	0.09	10	0.29	351	1	0.02	10	570	13	0.05	<2	3	40
DD013817		<10	<1	0.10	20	0.33	409	1	0.02	12	420	19	<0.01	<2	3	25
DD013818		<10	<1	0.12	20	0.33	287	1	0.01	13	550	23	0.01	<2	4	25
DD013819		<10	<1	0.17	20	0.37	454	3	0.02	15	800	23	0.06	7	4	55
DD013820		<10	<1	0.11	10	0.36	515	2	0.03	14	490	25	0.04	5	4	31
DD013951		10	1	0.06	10	0.29	237	1	0.02	7	290	11	0.01	<2	4	17
DD013952		10	<1	0.06	10	0.25	142	1	0.03	8	380	8	0.03	<2	2	17
DD013953		10	<1	0.05	10	0.29	145	1	0.02	6	180	18	0.01	<2	3	15
DD013954		10	<1	0.09	20	0.49	322	1	0.03	11	280	8	0.02	<2	5	26
DD013955		10	<1	0.10	10	0.49	348	1	0.03	8	430	9	0.01	2	6	19
DD013956		10	<1	0.07	10	0.43	206	1	0.01	13	360	12	0.01	<2	4	17
DD013957		10	<1	0.14	20	0.65	644	<1	0.02	9	1020	12	0.01	<2	10	27
DD013958		10	<1	0.09	10	0.42	310	1	0.01	13	370	10	0.02	<2	4	17
DD013959		10	2	0.16	20	0.71	448	1	0.01	11	300	10	0.01	<2	8	28
DD013960		10	<1	0.08	10	0.45	192	1	0.01	13	360	9	0.01	2	4	17

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VANCOUVER BC V6B 1L8

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Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013781		<20	0.06	<10	<10	33	<10	57
DD013782		<20	0.06	<10	<10	42	<10	57
DD013783		<20	0.05	<10	<10	44	<10	60
DD013784		<20	0.07	<10	<10	42	<10	78
DD013785		<20	0.07	<10	<10	46	<10	63
DD013786		<20	0.07	<10	<10	57	<10	53
DD013787		<20	0.05	<10	<10	41	<10	54
DD013788		<20	0.06	<10	<10	40	<10	48
DD013789		<20	0.05	<10	<10	41	<10	44
DD013790		<20	0.07	<10	<10	42	<10	53
DD013801		<20	0.08	<10	<10	57	<10	63
DD013802		<20	0.05	<10	<10	40	<10	41
DD013803		<20	0.10	<10	<10	34	<10	47
DD013804		<20	0.08	<10	<10	46	<10	45
DD013805		<20	0.07	<10	<10	40	<10	47
DD013806		<20	0.07	<10	<10	41	<10	54
DD013807		<20	0.07	<10	<10	50	<10	47
DD013808		<20	0.08	<10	<10	57	<10	56
DD013809		<20	0.08	<10	<10	55	<10	49
DD013810		<20	0.05	<10	<10	37	<10	40
DD013811		<20	0.05	<10	<10	55	<10	66
DD013812		<20	0.05	<10	<10	40	<10	42
DD013813		<20	0.06	<10	<10	49	<10	25
DD013814		<20	0.05	<10	<10	31	<10	35
DD013815		<20	0.06	<10	<10	43	<10	46
DD013816		<20	0.03	<10	<10	30	<10	44
DD013817		<20	0.04	<10	<10	34	<10	43
DD013818		<20	0.04	<10	<10	35	<10	56
DD013819		<20	0.02	<10	<10	43	<10	92
DD013820		<20	0.05	<10	<10	44	<10	80
DD013951		<20	0.10	<10	<10	74	<10	32
DD013952		<20	0.08	<10	<10	66	<10	34
DD013953		<20	0.06	<10	<10	60	<10	32
DD013954		<20	0.11	<10	<10	76	<10	41
DD013955		<20	0.07	<10	<10	66	<10	42
DD013956		<20	0.09	<10	<10	56	<10	41
DD013957		<20	0.10	<10	<10	76	<10	61
DD013958		<20	0.09	<10	<10	57	<10	40
DD013959		<20	0.11	<10	<10	82	<10	54
DD013960		<20	0.10	<10	<10	58	<10	42

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CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD013961		0.30	0.001	<0.2	1.52	7	<10	240	<0.5	<2	0.17	0.7	6	16	21	2.14
DD013962		0.28	0.002	0.5	2.23	11	<10	410	0.6	<2	0.29	0.9	11	25	25	3.14
DD013963		0.34	0.003	0.9	1.95	7	<10	660	0.5	<2	0.52	1.3	9	24	24	2.99
DD013964		0.28	0.003	0.6	2.45	8	<10	780	0.7	<2	0.80	1.3	12	26	28	3.57
DD013965		0.24	0.004	0.2	2.00	8	<10	590	0.5	<2	0.65	0.9	10	25	22	3.39
DD013966		0.28	0.002	<0.2	1.93	8	<10	400	0.5	<2	0.32	0.9	9	23	16	2.77
DD013967		0.24	0.002	0.2	1.94	8	<10	590	0.5	<2	0.34	0.8	9	22	25	2.84
DD013968		0.24	0.005	0.2	1.56	6	<10	610	0.5	<2	0.63	0.7	9	22	19	2.39
DD013969		0.24	0.006	<0.2	1.78	11	<10	280	<0.5	<2	0.34	0.8	8	29	13	2.72
DD013970		0.28	0.001	<0.2	1.55	10	<10	470	0.5	<2	0.56	0.8	8	18	15	2.71
DD013971		0.22	0.002	<0.2	1.97	9	<10	710	0.6	<2	0.67	1.1	12	18	19	3.70
DD013972		0.22	0.001	<0.2	1.59	7	<10	490	0.7	<2	0.55	0.9	9	15	15	3.23
DD013973		0.28	0.002	<0.2	1.67	8	<10	610	0.7	<2	0.69	0.9	9	17	14	3.15
DD013974		0.22	<0.001	<0.2	1.40	7	<10	530	0.5	<2	0.70	0.8	9	16	16	2.72
DD013975		0.20	0.002	0.2	2.06	9	<10	940	0.9	<2	0.72	0.9	11	17	16	3.37
DD013976		0.20	0.001	<0.2	1.53	9	<10	530	0.5	<2	0.33	0.8	9	15	12	2.76
DD013977		0.34	0.001	<0.2	1.41	6	<10	650	0.6	<2	0.64	0.7	6	16	15	2.15
DD013978		0.30	0.004	<0.2	1.42	13	<10	640	0.6	<2	0.60	0.7	7	19	18	2.23
DD013979		0.28	0.002	<0.2	1.84	10	<10	570	0.7	<2	0.60	0.8	7	23	17	2.30
DD013980		0.28	0.003	<0.2	0.97	10	<10	310	0.5	<2	0.38	0.5	5	16	11	1.88
DD013981		0.22	0.004	0.3	0.88	14	<10	210	<0.5	<2	0.35	0.9	6	12	16	1.71
DD013982		0.20	0.002	<0.2	0.75	5	<10	150	<0.5	<2	0.31	<0.5	4	12	8	1.09
DD013983		0.24	0.002	<0.2	0.89	5	<10	190	<0.5	<2	0.43	0.6	5	14	9	1.27
DD013984		0.20	0.003	<0.2	0.93	5	<10	180	<0.5	<2	0.35	0.7	5	15	10	1.18
DD013985		0.24	0.001	0.2	0.82	7	<10	140	<0.5	<2	0.34	1.0	6	13	11	1.61
DD013986		0.24	0.002	0.2	1.30	6	<10	230	<0.5	<2	0.37	0.7	5	19	19	1.60
DD013987		0.20	0.012	<0.2	1.12	8	<10	200	<0.5	<2	0.30	1.2	5	16	18	2.08
DD013988		0.22	0.002	<0.2	1.67	10	<10	330	0.5	<2	0.35	1.0	9	25	30	2.38
DD013989		0.24	0.003	0.2	1.51	4	<10	320	0.5	<2	0.36	2.0	7	20	28	1.89
DD013990		0.18	0.003	<0.2	1.40	6	<10	270	<0.5	<2	0.31	1.2	5	19	24	1.71
DD013991		0.22	0.003	<0.2	1.08	5	<10	180	<0.5	<2	0.30	0.9	8	16	14	1.76
DD013992		0.20	0.003	<0.2	1.16	5	<10	180	<0.5	<2	0.36	<0.5	5	17	14	1.76
DD014601		0.40	0.004	<0.2	1.45	6	<10	420	<0.5	<2	0.36	<0.5	5	21	20	1.90
DD014602		0.30	0.002	<0.2	0.71	3	<10	180	<0.5	<2	0.37	<0.5	4	13	11	1.59
DD014603		0.30	0.007	<0.2	1.31	7	<10	320	0.5	<2	0.38	<0.5	6	19	16	2.07
DD014604		0.28	0.011	<0.2	1.23	6	<10	390	<0.5	<2	0.39	<0.5	5	21	16	1.98
DD014605		0.30	0.005	<0.2	1.06	4	<10	290	<0.5	<2	0.31	<0.5	4	18	15	1.58
DD014606		0.30	0.004	0.2	1.37	8	<10	370	<0.5	<2	0.35	<0.5	4	22	20	1.55
DD014607		0.30	0.004	<0.2	0.92	4	<10	250	<0.5	<2	0.29	<0.5	6	15	15	1.42
DD014608		0.34	0.003	<0.2	0.86	3	<10	340	<0.5	<2	0.25	<0.5	3	12	17	0.92

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VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD013961		10	1	0.08	10	0.30	232	1	0.01	8	310	8	0.01	2	4	17
DD013962		10	<1	0.10	20	0.51	598	1	0.02	16	450	23	0.01	<2	6	25
DD013963		10	<1	0.11	20	0.63	522	1	0.02	13	590	48	0.02	<2	7	30
DD013964		10	1	0.10	20	0.78	557	<1	0.02	15	840	20	0.04	<2	8	47
DD013965		10	1	0.09	20	0.76	434	1	0.02	12	720	11	0.03	2	8	40
DD013966		10	<1	0.08	20	0.54	431	<1	0.01	13	300	11	0.01	2	5	22
DD013967		10	<1	0.12	20	0.51	554	1	0.01	13	420	11	0.01	<2	6	27
DD013968		10	<1	0.07	30	0.51	405	<1	0.02	13	640	9	0.02	2	5	33
DD013969		10	<1	0.15	10	0.61	309	<1	<0.01	15	180	7	<0.01	3	5	23
DD013970		<10	<1	0.13	20	0.55	393	<1	0.02	9	390	11	0.02	2	6	32
DD013971		10	3	0.14	20	0.80	723	<1	0.02	10	580	9	0.02	<2	8	34
DD013972		10	<1	0.17	30	0.63	554	<1	0.02	7	390	10	0.02	2	7	31
DD013973		10	<1	0.13	30	0.62	495	<1	0.02	7	490	10	0.03	2	9	34
DD013974		10	<1	0.14	20	0.46	490	<1	0.02	7	570	10	0.03	<2	6	38
DD013975		10	1	0.15	30	0.52	880	<1	0.02	8	620	12	0.03	<2	11	39
DD013976		10	<1	0.11	20	0.49	550	1	0.02	7	340	9	0.01	<2	5	26
DD013977		<10	<1	0.12	20	0.39	363	1	0.02	9	430	10	0.03	2	4	34
DD013978		<10	<1	0.11	20	0.41	360	<1	0.02	10	490	9	0.02	<2	4	35
DD013979		10	1	0.14	20	0.48	363	<1	0.02	11	510	10	0.03	<2	5	33
DD013980		<10	<1	0.09	20	0.33	335	<1	0.01	8	400	8	0.02	2	3	24
DD013981		<10	<1	0.06	10	0.30	480	1	0.02	7	670	32	0.02	3	3	28
DD013982		<10	<1	0.04	10	0.25	145	<1	0.01	5	650	13	0.02	2	2	25
DD013983		<10	<1	0.05	10	0.30	198	<1	0.02	7	700	12	0.03	<2	3	40
DD013984		<10	<1	0.04	10	0.30	165	<1	0.01	7	800	13	0.03	2	3	25
DD013985		<10	<1	0.06	10	0.28	394	1	0.02	6	570	15	0.02	2	2	27
DD013986		<10	<1	0.06	10	0.38	233	1	0.02	10	640	19	0.02	3	3	32
DD013987		<10	<1	0.06	10	0.33	238	1	0.01	8	710	17	0.03	3	3	26
DD013988		<10	<1	0.08	20	0.46	677	2	0.02	16	620	26	0.03	3	4	35
DD013989		<10	<1	0.07	20	0.36	333	2	0.02	11	700	24	0.05	<2	4	35
DD013990		<10	<1	0.06	20	0.34	217	1	0.02	10	730	24	0.06	3	3	29
DD013991		<10	<1	0.05	10	0.31	758	1	0.01	8	620	15	0.02	<2	2	26
DD013992		<10	1	0.06	10	0.37	453	1	0.02	7	570	15	0.02	<2	3	24
DD014601		<10	<1	0.09	20	0.41	259	<1	0.02	9	440	14	0.03	<2	4	28
DD014602		<10	1	0.07	10	0.26	417	<1	0.02	5	300	22	0.03	<2	2	28
DD014603		<10	<1	0.08	10	0.33	396	1	0.02	8	580	11	0.03	<2	3	26
DD014604		<10	<1	0.10	10	0.38	317	1	0.02	9	470	9	0.03	3	3	27
DD014605		<10	1	0.09	10	0.35	302	1	0.02	8	400	11	0.02	2	2	21
DD014606		<10	1	0.08	10	0.36	131	<1	0.02	9	500	31	0.03	3	3	23
DD014607		<10	1	0.08	10	0.25	316	1	0.02	6	330	7	0.02	<2	2	20
DD014608		<10	<1	0.09	10	0.17	81	2	0.03	4	410	24	0.03	4	2	17

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD013961		<20	0.07	<10	<10	52	<10	34
DD013962		<20	0.09	<10	<10	69	<10	54
DD013963		<20	0.12	<10	<10	71	<10	80
DD013964		<20	0.10	<10	<10	82	<10	80
DD013965		<20	0.12	<10	<10	84	<10	59
DD013966		<20	0.08	<10	<10	62	<10	51
DD013967		<20	0.07	<10	<10	61	<10	55
DD013968		<20	0.07	<10	<10	53	<10	43
DD013969		<20	0.11	<10	<10	61	<10	57
DD013970		<20	0.08	<10	<10	62	<10	47
DD013971		<20	0.09	<10	<10	86	<10	67
DD013972		<20	0.08	<10	<10	68	<10	59
DD013973		<20	0.06	<10	<10	69	<10	55
DD013974		<20	0.05	<10	<10	59	<10	53
DD013975		<20	0.04	<10	<10	67	<10	56
DD013976		<20	0.07	<10	<10	64	<10	49
DD013977		<20	0.05	<10	<10	45	<10	43
DD013978		<20	0.06	<10	<10	47	<10	45
DD013979		<20	0.06	<10	<10	49	<10	51
DD013980		<20	0.05	<10	<10	38	<10	36
DD013981		<20	0.05	<10	<10	36	<10	79
DD013982		<20	0.04	<10	<10	29	<10	46
DD013983		<20	0.04	<10	<10	26	<10	61
DD013984		<20	0.04	<10	<10	40	<10	67
DD013985		<20	0.04	<10	<10	36	<10	55
DD013986		<20	0.05	<10	<10	38	<10	68
DD013987		<20	0.05	<10	<10	37	<10	58
DD013988		<20	0.06	<10	<10	50	<10	75
DD013989		<20	0.05	<10	<10	47	<10	83
DD013990		<20	0.05	<10	<10	47	<10	69
DD013991		<20	0.05	<10	<10	34	<10	56
DD013992		<20	0.06	<10	<10	39	<10	54
DD014601		<20	0.04	<10	<10	41	<10	59
DD014602		<20	0.05	<10	<10	35	<10	56
DD014603		<20	0.04	<10	<10	42	<10	49
DD014604		<20	0.05	<10	<10	39	<10	62
DD014605		<20	0.06	<10	<10	34	<10	44
DD014606		<20	0.05	<10	<10	34	<10	56
DD014607		<20	0.05	<10	<10	33	<10	34
DD014608		<20	0.03	<10	<10	25	<10	38

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VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
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Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014609		0.14	0.005	0.2	1.16	3	<10	580	<0.5	<2	0.60	0.8	4	22	36	1.01
DD014610		0.10	0.010	0.2	1.27	5	<10	750	0.5	<2	0.69	0.9	8	23	43	1.82
DD014611		0.14	0.004	<0.2	1.26	8	<10	230	<0.5	<2	0.41	<0.5	4	19	15	1.76
DD014612		0.10	0.004	<0.2	1.53	2	<10	310	<0.5	<2	0.42	0.5	7	24	20	1.67
DD014613		0.26	0.007	<0.2	0.87	<2	<10	140	<0.5	<2	0.26	<0.5	3	13	9	1.24
DD014614		0.28	0.009	<0.2	0.89	4	<10	170	<0.5	<2	0.39	<0.5	4	14	13	1.30
DD014615		0.26	0.003	<0.2	1.31	5	<10	230	<0.5	<2	0.42	0.5	7	24	21	1.93
DD014616		0.22	0.009	<0.2	0.92	3	<10	130	<0.5	<2	0.25	<0.5	6	14	13	1.85
DD014617		0.36	0.008	<0.2	1.10	3	<10	170	<0.5	<2	0.32	<0.5	5	17	10	1.41
DD014618		0.34	0.003	<0.2	1.10	7	<10	230	<0.5	<2	0.32	<0.5	5	17	11	1.64
DD014619		0.24	0.006	0.2	1.39	8	<10	280	0.5	<2	0.33	<0.5	6	23	20	1.99
DD014620		0.28	0.004	<0.2	1.10	5	<10	220	<0.5	<2	0.31	<0.5	4	16	11	1.62

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Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014609		<10	1	0.08	10	0.24	228	1	0.03	9	620	17	0.17	<2	3	31
DD014610		<10	<1	0.05	10	0.29	1085	3	0.03	12	760	11	0.18	<2	3	38
DD014611		<10	<1	0.04	10	0.32	233	<1	0.02	6	630	11	0.05	<2	3	25
DD014612		<10	<1	0.06	10	0.40	788	<1	0.02	11	700	15	0.07	<2	4	31
DD014613		<10	<1	0.04	10	0.26	202	<1	<0.01	6	470	10	0.01	<2	2	19
DD014614		<10	1	0.06	10	0.28	323	<1	0.02	5	590	13	0.03	<2	2	28
DD014615		<10	<1	0.08	20	0.49	209	<1	0.02	11	660	15	0.02	<2	5	33
DD014616		<10	<1	0.06	10	0.30	474	1	0.01	6	520	17	0.02	2	2	17
DD014617		<10	1	0.06	10	0.37	262	<1	0.01	7	560	17	0.01	2	3	23
DD014618		<10	<1	0.08	10	0.38	174	1	0.02	8	620	20	0.02	2	3	23
DD014619		<10	<1	0.07	20	0.44	237	1	0.02	12	560	20	0.01	<2	5	25
DD014620		<10	<1	0.06	10	0.35	239	1	0.02	7	540	19	0.02	<2	2	25

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CERTIFICATE OF ANALYSIS WH11186308

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014609		<20	0.03	<10	10	35	<10	56
DD014610		<20	0.05	<10	10	43	<10	114
DD014611		<20	0.05	<10	<10	44	<10	60
DD014612		<20	0.06	<10	<10	42	<10	72
DD014613		<20	0.04	<10	<10	27	<10	50
DD014614		<20	0.05	<10	<10	30	<10	45
DD014615		<20	0.09	<10	<10	43	<10	65
DD014616		<20	0.05	<10	<10	43	<10	56
DD014617		<20	0.06	<10	<10	36	<10	56
DD014618		<20	0.07	<10	<10	37	<10	60
DD014619		<20	0.08	<10	10	47	<10	58
DD014620		<20	0.06	<10	<10	36	<10	54

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CERTIFICATE WH11186309

Project: Klaza Soil

P.O. No.:

This report is for 128 Soil samples submitted to our lab in Whitehorse, YT, Canada on 14- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014671		0.34	0.003	<0.2	1.87	6	<10	440	<0.5	<2	0.56	<0.5	11	18	21	3.27
DD014672		0.30	0.008	<0.2	1.49	5	<10	430	<0.5	<2	0.72	<0.5	8	16	19	2.41
DD014673		0.36	0.003	<0.2	1.51	7	<10	330	<0.5	<2	0.55	<0.5	10	19	15	2.76
DD014674		0.24	0.005	0.2	1.50	9	<10	710	0.6	<2	0.73	0.5	8	23	35	2.28
DD014675		0.20	0.002	<0.2	0.83	3	<10	250	<0.5	<2	0.65	<0.5	5	13	14	1.09
DD014676		0.20	0.004	0.2	1.23	5	<10	240	<0.5	<2	0.70	<0.5	6	18	10	1.67
DD014677		0.24	0.005	0.2	1.00	5	<10	190	<0.5	<2	0.52	<0.5	6	15	15	1.33
DD014678		0.26	0.004	0.2	0.85	9	<10	140	<0.5	<2	0.32	<0.5	6	14	10	1.64
DD014679		0.18	0.007	0.3	1.31	11	<10	290	<0.5	<2	0.48	<0.5	7	20	14	2.08
DD014680		0.10	0.004	0.2	1.28	3	<10	240	<0.5	<2	0.34	<0.5	5	18	33	1.13
DD014691		0.14	0.008	0.3	1.14	4	<10	230	<0.5	<2	0.32	<0.5	19	19	23	1.84
DD014692		0.38	0.003	<0.2	1.50	7	<10	100	<0.5	<2	0.23	<0.5	8	21	12	1.79
DD014693		0.18	0.004	<0.2	1.35	3	<10	100	<0.5	<2	0.24	<0.5	6	20	17	1.78
DD014694		0.26	0.007	<0.2	1.44	5	<10	90	<0.5	<2	0.24	<0.5	8	20	13	1.52
DD014695		0.30	0.006	<0.2	1.48	4	<10	130	<0.5	<2	0.23	<0.5	7	21	10	1.62
DD014696		0.30	0.004	<0.2	1.76	9	<10	170	<0.5	<2	0.27	<0.5	6	26	15	2.07
DD014697		0.30	0.003	<0.2	1.54	5	<10	170	<0.5	<2	0.25	<0.5	6	22	13	2.01
DD014698		0.26	0.006	<0.2	1.89	6	<10	270	0.5	<2	0.28	<0.5	7	28	20	2.32
DD014699		0.26	0.004	<0.2	1.45	5	<10	220	<0.5	<2	0.26	<0.5	6	22	13	1.92
DD014700		0.28	0.004	<0.2	1.65	7	<10	310	0.5	<2	0.37	<0.5	8	25	23	2.29
DD014711		0.24	0.004	<0.2	1.54	5	<10	120	<0.5	<2	0.25	<0.5	6	20	12	1.87
DD014712		0.28	0.004	0.2	1.56	3	<10	130	<0.5	<2	0.30	<0.5	5	20	14	1.34
DD014713		0.24	0.004	<0.2	1.40	3	<10	110	<0.5	<2	0.26	<0.5	5	19	11	1.42
DD014714		0.20	0.005	0.2	1.25	6	<10	130	<0.5	<2	0.36	<0.5	5	18	17	1.98
DD014715		0.26	0.004	0.2	1.69	6	<10	120	<0.5	<2	0.26	<0.5	6	21	16	1.96
DD014716		0.14	0.003	0.3	1.53	6	<10	150	<0.5	<2	0.39	<0.5	7	19	17	2.13
DD014717		0.16	0.008	0.7	1.92	8	<10	230	0.6	2	0.73	<0.5	10	23	37	2.55
DD014718		0.16	0.005	0.4	1.72	8	<10	210	0.5	<2	0.69	<0.5	9	19	24	2.60
DD014719		0.20	0.008	0.2	1.65	8	<10	240	0.7	<2	0.72	<0.5	11	20	21	2.90
DD014720		0.22	0.013	<0.2	1.15	5	<10	160	<0.5	2	0.51	<0.5	9	17	14	2.22
DD014751		0.28	0.003	0.6	1.70	5	<10	440	0.6	<2	0.76	<0.5	10	19	17	3.67
DD014752		0.26	0.003	0.3	1.68	6	<10	530	0.6	<2	1.27	<0.5	9	19	26	2.55
DD014753		0.26	0.002	<0.2	1.93	8	<10	660	<0.5	<2	0.96	<0.5	10	19	23	3.66
DD014754		0.38	0.002	<0.2	1.55	7	<10	420	<0.5	<2	0.59	<0.5	9	15	13	3.12
DD014755		0.40	0.003	0.2	1.74	9	<10	470	<0.5	<2	0.64	<0.5	9	17	19	3.69
DD014756		0.30	0.004	<0.2	1.22	10	<10	340	<0.5	<2	0.63	<0.5	4	15	15	2.67
DD014757		0.18	0.002	<0.2	0.54	3	<10	710	<0.5	<2	0.84	<0.5	6	9	20	1.63
DD014758		0.22	0.007	0.2	1.90	12	<10	530	0.5	<2	0.75	<0.5	8	31	20	2.48
DD014759		0.16	0.004	0.3	1.43	10	<10	360	<0.5	<2	0.71	0.7	7	20	20	2.40
DD014760		0.20	0.005	0.3	1.30	14	<10	290	<0.5	<2	0.54	<0.5	8	19	15	2.06

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014671		10	<1	0.22	10	0.67	490	1	0.03	12	340	12	0.01	<2	7	28
DD014672		10	<1	0.14	20	0.48	483	1	0.03	9	560	9	0.03	<2	7	38
DD014673		10	<1	0.15	10	0.53	421	1	0.02	10	330	10	0.01	<2	6	30
DD014674		10	<1	0.08	40	0.47	203	<1	0.03	11	640	9	0.11	<2	9	39
DD014675		<10	<1	0.04	10	0.27	173	<1	0.03	6	730	6	0.04	<2	2	39
DD014676		<10	<1	0.06	10	0.38	338	1	0.02	8	580	38	0.05	<2	2	44
DD014677		<10	<1	0.04	10	0.31	196	<1	0.02	8	760	14	0.03	<2	3	49
DD014678		<10	<1	0.04	10	0.27	213	<1	0.02	7	730	14	0.01	<2	3	23
DD014679		<10	<1	0.04	10	0.37	508	1	0.02	9	830	18	0.03	<2	4	37
DD014680		<10	<1	0.04	10	0.28	170	<1	0.03	7	620	8	0.12	<2	3	27
DD014691		<10	<1	0.08	10	0.39	2710	1	0.03	8	990	8	0.10	2	3	25
DD014692		<10	<1	0.07	10	0.40	407	<1	0.02	10	610	8	0.02	<2	3	15
DD014693		<10	<1	0.05	10	0.32	274	<1	0.02	8	960	6	0.07	<2	2	18
DD014694		<10	<1	0.08	10	0.39	223	<1	0.02	12	620	7	0.02	<2	3	15
DD014695		<10	<1	0.08	10	0.43	248	<1	0.02	11	600	7	0.02	<2	3	18
DD014696		10	<1	0.07	10	0.48	253	<1	0.02	14	860	7	0.04	<2	3	21
DD014697		<10	<1	0.08	10	0.42	250	<1	0.02	14	660	6	0.02	<2	4	18
DD014698		10	<1	0.09	20	0.50	308	<1	0.01	17	700	9	0.02	<2	6	22
DD014699		<10	<1	0.07	10	0.42	177	<1	0.01	15	630	7	0.01	<2	3	20
DD014700		10	<1	0.10	20	0.51	272	1	0.02	15	550	10	0.02	<2	8	24
DD014711		<10	<1	0.08	10	0.43	191	<1	0.02	11	640	11	0.02	<2	3	18
DD014712		<10	<1	0.10	10	0.41	205	<1	0.02	10	790	11	0.03	<2	3	22
DD014713		<10	<1	0.08	10	0.41	189	<1	0.02	11	580	10	0.03	<2	3	19
DD014714		<10	<1	0.09	10	0.32	396	<1	0.03	9	980	12	0.05	<2	2	26
DD014715		10	<1	0.10	10	0.51	192	<1	0.02	9	690	19	0.05	2	4	20
DD014716		10	<1	0.09	10	0.49	344	1	0.03	11	710	21	0.06	2	3	35
DD014717		10	<1	0.10	20	0.56	824	1	0.03	11	1040	20	0.08	2	4	56
DD014718		10	<1	0.11	30	0.52	535	2	0.03	10	650	18	0.05	<2	4	44
DD014719		10	<1	0.13	30	0.55	774	1	0.03	11	970	17	0.08	2	6	46
DD014720		<10	<1	0.12	20	0.46	716	<1	0.03	9	610	13	0.04	<2	4	31
DD014751		10	<1	0.18	30	0.69	555	1	0.03	9	540	22	0.03	2	11	36
DD014752		10	<1	0.14	30	0.61	587	<1	0.03	11	730	12	0.06	2	8	58
DD014753		10	<1	0.25	20	0.88	445	<1	0.03	9	570	8	0.04	2	8	43
DD014754		10	<1	0.20	10	0.65	379	<1	0.03	8	430	7	0.03	<2	7	27
DD014755		10	<1	0.18	30	0.66	356	1	0.03	7	830	8	0.04	<2	7	29
DD014756		<10	<1	0.08	20	0.40	183	<1	0.02	7	620	6	0.05	2	5	30
DD014757		<10	<1	0.02	10	0.13	289	<1	0.04	8	760	2	0.11	<2	2	45
DD014758		10	<1	0.06	20	0.55	574	1	0.03	15	1010	19	0.05	2	5	84
DD014759		<10	<1	0.05	20	0.38	881	2	0.03	12	1050	14	0.06	2	3	61
DD014760		<10	<1	0.05	10	0.38	533	1	0.03	10	890	17	0.03	<2	4	48

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Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014671		<20	0.13	<10	<10	81	<10	61
DD014672		<20	0.07	<10	<10	57	<10	49
DD014673		<20	0.10	<10	<10	67	<10	56
DD014674		<20	0.09	<10	<10	79	<10	48
DD014675		<20	0.04	<10	<10	27	<10	42
DD014676		<20	0.05	<10	<10	37	<10	72
DD014677		<20	0.04	<10	<10	34	<10	55
DD014678		<20	0.04	<10	<10	39	<10	50
DD014679		<20	0.05	<10	<10	47	<10	69
DD014680		<20	0.05	<10	10	42	<10	40
DD014691		<20	0.06	<10	<10	40	<10	46
DD014692		<20	0.07	<10	<10	45	<10	43
DD014693		<20	0.05	<10	<10	35	<10	33
DD014694		<20	0.07	<10	<10	39	<10	43
DD014695		<20	0.07	<10	<10	38	<10	47
DD014696		<20	0.06	<10	<10	55	<10	53
DD014697		<20	0.06	<10	<10	43	<10	52
DD014698		<20	0.06	<10	<10	57	<10	56
DD014699		<20	0.06	<10	<10	47	<10	51
DD014700		<20	0.06	<10	<10	60	<10	66
DD014711		<20	0.08	<10	<10	39	<10	44
DD014712		<20	0.07	<10	<10	41	<10	43
DD014713		<20	0.07	<10	<10	35	<10	44
DD014714		<20	0.07	<10	<10	50	<10	39
DD014715		<20	0.08	<10	<10	49	<10	46
DD014716		<20	0.07	<10	<10	53	<10	50
DD014717		<20	0.07	<10	<10	63	<10	57
DD014718		<20	0.09	<10	<10	62	<10	61
DD014719		<20	0.08	<10	<10	64	<10	77
DD014720		<20	0.08	<10	<10	54	<10	50
DD014751		<20	0.11	<10	<10	84	<10	73
DD014752		<20	0.08	<10	<10	60	<10	58
DD014753		<20	0.16	<10	<10	91	<10	67
DD014754		<20	0.14	<10	<10	75	<10	57
DD014755		<20	0.13	<10	<10	89	<10	62
DD014756		<20	0.08	<10	<10	74	<10	42
DD014757		<20	0.04	<10	<10	31	<10	18
DD014758		<20	0.06	<10	20	59	<10	86
DD014759		<20	0.05	<10	10	47	<10	85
DD014760		<20	0.05	<10	<10	43	<10	69

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VANCOUVER BC V6B 1L8

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Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014791		0.18	0.004	0.2	1.46	2	<10	300	<0.5	<2	0.35	0.8	4	18	26	1.08
DD014792		0.16	0.003	0.3	1.53	2	<10	310	0.5	<2	0.41	2.5	5	21	41	1.26
DD014793		0.18	0.006	<0.2	1.23	3	<10	310	0.5	<2	0.36	1.0	4	17	32	1.00
DD014794		0.18	0.003	<0.2	1.03	<2	<10	230	<0.5	<2	0.31	0.7	3	12	12	0.88
DD014795		0.22	0.027	<0.2	1.13	10	<10	160	<0.5	<2	0.28	<0.5	5	14	20	1.98
DD014796		0.38	0.003	<0.2	1.12	8	<10	190	<0.5	<2	0.29	0.5	7	16	17	2.19
DD014797		0.24	0.006	<0.2	1.48	7	<10	260	0.6	<2	0.31	0.5	7	20	27	1.90
DD014798		0.30	0.007	0.2	1.37	7	<10	230	0.5	<2	0.29	<0.5	6	20	20	1.94
DD014799		0.24	0.007	<0.2	0.96	4	<10	150	<0.5	<2	0.29	<0.5	4	14	8	1.52
DD014800		0.20	0.003	0.2	1.31	6	<10	240	<0.5	<2	0.32	<0.5	6	18	18	1.76
DD014801		0.18	0.003	0.2	1.40	6	<10	570	0.5	<2	0.85	<0.5	7	17	25	2.63
DD014802		0.22	0.003	0.3	1.43	8	<10	560	0.7	<2	0.67	<0.5	12	18	23	3.39
DD014803		0.08	0.005	0.3	1.42	3	<10	1260	0.7	<2	2.57	<0.5	8	15	51	1.91
DD014804		0.16	0.004	0.4	1.82	9	<10	530	0.7	<2	0.62	0.9	7	23	36	2.23
DD014805		0.16	0.008	0.3	1.91	7	<10	590	0.6	<2	0.64	<0.5	5	28	32	1.93
DD014806		0.22	0.002	<0.2	2.19	6	<10	190	0.5	<2	0.18	<0.5	10	27	19	3.22
DD014807		0.20	0.002	<0.2	1.78	10	<10	230	<0.5	<2	0.29	<0.5	6	27	19	2.70
DD014808		0.18	0.003	<0.2	1.10	14	<10	340	0.6	<2	0.17	<0.5	7	15	62	2.43
DD014809		0.28	0.003	<0.2	1.83	8	<10	420	0.8	<2	0.28	<0.5	10	27	37	3.21
DD014810		0.12	0.002	0.2	1.72	3	<10	690	0.5	<2	0.82	<0.5	7	17	28	2.03
DD014861		0.20	0.006	<0.2	1.52	2	<10	450	0.6	<2	0.48	<0.5	5	25	23	1.67
DD014862		0.18	0.003	<0.2	1.32	5	<10	300	<0.5	<2	0.37	<0.5	5	19	18	1.68
DD014863		0.14	0.004	0.2	1.55	5	<10	300	<0.5	<2	0.48	<0.5	6	23	20	1.48
DD014864		0.14	0.005	<0.2	1.29	5	<10	260	<0.5	<2	0.47	<0.5	6	19	26	1.49
DD014865		0.12	0.004	<0.2	1.07	4	<10	200	<0.5	<2	0.36	<0.5	3	16	23	1.18
DD014866		0.20	0.003	<0.2	1.25	3	<10	200	<0.5	<2	0.35	<0.5	5	18	18	1.31
DD014867		0.10	0.005	<0.2	1.73	6	<10	300	0.5	<2	0.50	<0.5	9	21	35	2.24
DD014868		0.26	0.001	<0.2	1.26	5	<10	150	<0.5	<2	0.41	<0.5	5	19	14	1.71
DD014869		0.20	0.004	<0.2	1.56	8	<10	190	<0.5	<2	0.39	<0.5	7	23	18	2.14
DD014870		0.16	0.003	0.2	1.41	3	<10	190	<0.5	<2	0.44	<0.5	5	18	26	1.51
DD014871		0.20	0.003	<0.2	1.06	2	<10	150	<0.5	<2	0.41	<0.5	4	16	11	0.99
DD014872		0.12	0.005	<0.2	1.52	6	<10	260	<0.5	<2	0.59	<0.5	6	26	38	1.57
DD014873		0.18	0.005	<0.2	1.74	7	<10	340	0.5	<2	0.48	<0.5	8	27	25	2.18
DD014874		0.16	0.005	<0.2	1.62	6	<10	250	<0.5	<2	0.42	<0.5	5	25	19	1.87
DD014875		0.14	0.005	0.2	1.47	10	<10	340	<0.5	<2	0.46	<0.5	7	19	30	1.94
DD014876		0.14	0.006	<0.2	0.94	5	<10	220	<0.5	<2	0.58	<0.5	4	13	10	1.52
DD014877		0.28	0.016	<0.2	1.03	8	<10	190	<0.5	<2	0.58	<0.5	5	17	12	2.08
DD014878		0.20	0.004	<0.2	0.98	5	<10	190	<0.5	<2	0.51	<0.5	4	15	12	1.53
DD014879		0.18	0.004	0.2	0.98	24	<10	600	0.6	<2	0.71	<0.5	37	19	20	4.83
DD014880		0.22	0.003	<0.2	1.11	5	<10	250	<0.5	<2	0.62	<0.5	6	27	11	2.09

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	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014791		<10	<1	0.05	10	0.33	114	<1	0.03	9	640	15	0.05	<2	2	30
DD014792		<10	<1	0.08	10	0.47	420	<1	0.03	12	690	18	0.06	2	3	33
DD014793		<10	<1	0.06	20	0.30	181	<1	0.03	9	680	17	0.06	2	3	27
DD014794		<10	<1	0.05	10	0.26	121	<1	0.03	7	580	16	0.04	<2	2	22
DD014795		<10	<1	0.06	10	0.30	259	1	0.02	7	450	22	0.01	2	2	25
DD014796		<10	<1	0.06	10	0.32	357	2	0.02	8	590	21	0.02	<2	2	24
DD014797		<10	<1	0.06	20	0.38	204	1	0.03	11	800	28	0.04	3	3	27
DD014798		<10	1	0.06	20	0.39	272	2	0.02	11	640	22	0.01	<2	4	24
DD014799		<10	<1	0.05	10	0.30	194	<1	0.02	8	600	15	<0.01	<2	2	19
DD014800		<10	<1	0.05	10	0.35	349	1	0.03	9	680	18	0.02	2	3	24
DD014801		<10	<1	0.11	20	0.50	433	<1	0.03	11	720	7	0.06	<2	9	53
DD014802		<10	1	0.13	20	0.43	394	3	0.02	8	890	14	0.05	4	10	43
DD014803		<10	<1	0.06	120	0.40	868	<1	0.03	12	1490	10	0.17	<2	6	191
DD014804		10	<1	0.09	30	0.53	203	5	0.02	12	790	22	0.12	3	10	47
DD014805		10	<1	0.07	20	0.41	201	1	0.03	12	850	18	0.11	<2	8	59
DD014806		10	<1	0.09	10	0.41	531	2	0.01	12	400	9	0.01	<2	5	18
DD014807		10	<1	0.08	10	0.39	311	1	0.01	14	410	9	0.01	<2	4	29
DD014808		<10	<1	0.06	20	0.24	618	3	0.01	9	240	29	0.01	6	4	17
DD014809		10	<1	0.10	20	0.60	628	1	0.01	14	390	25	0.01	<2	5	24
DD014810		<10	<1	0.08	10	0.37	253	1	0.03	10	1090	6	0.11	<2	4	50
DD014861		<10	<1	0.08	30	0.42	161	<1	0.02	13	840	8	0.07	<2	5	33
DD014862		<10	<1	0.07	20	0.36	158	<1	0.01	10	690	7	0.04	<2	4	25
DD014863		<10	<1	0.07	10	0.40	225	<1	0.02	11	650	11	0.07	<2	4	31
DD014864		<10	<1	0.06	10	0.29	605	1	0.02	10	790	9	0.07	<2	3	32
DD014865		<10	<1	0.05	10	0.25	120	1	0.02	8	540	7	0.07	<2	3	25
DD014866		<10	<1	0.05	10	0.31	121	<1	0.02	9	580	8	0.04	<2	3	23
DD014867		<10	<1	0.06	10	0.37	665	2	0.02	12	870	9	0.11	<2	3	35
DD014868		<10	<1	0.06	10	0.38	306	<1	0.03	11	550	9	0.02	<2	4	28
DD014869		<10	<1	0.07	10	0.47	228	<1	0.03	12	570	11	0.03	<2	4	29
DD014870		<10	<1	0.06	10	0.35	196	<1	0.02	10	530	7	0.06	<2	3	33
DD014871		<10	<1	0.05	10	0.28	105	<1	0.02	8	660	7	0.04	<2	3	23
DD014872		<10	<1	0.06	10	0.38	199	2	0.02	13	620	10	0.19	<2	4	47
DD014873		10	<1	0.07	10	0.43	339	1	0.02	14	830	11	0.12	<2	4	36
DD014874		<10	<1	0.06	10	0.39	200	1	0.02	11	760	15	0.05	<2	4	30
DD014875		10	<1	0.05	10	0.36	673	1	0.02	12	1040	18	0.08	<2	3	35
DD014876		<10	<1	0.03	10	0.29	135	1	0.02	7	830	10	0.04	<2	2	52
DD014877		<10	<1	0.05	10	0.35	242	<1	0.02	9	960	14	0.03	<2	3	46
DD014878		<10	<1	0.05	10	0.32	120	<1	0.02	8	810	13	0.05	<2	3	27
DD014879		<10	<1	0.06	20	0.26	3020	4	0.03	13	960	6	0.05	<2	4	39
DD014880		<10	<1	0.07	10	0.45	307	<1	0.02	13	830	9	0.02	<2	4	32

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014791		<20	0.04	<10	<10	27	<10	57
DD014792		<20	0.06	<10	<10	31	<10	83
DD014793		<20	0.04	<10	<10	28	<10	55
DD014794		<20	0.05	<10	<10	27	<10	53
DD014795		<20	0.04	<10	<10	46	<10	60
DD014796		<20	0.04	<10	<10	40	<10	58
DD014797		<20	0.04	<10	<10	50	<10	77
DD014798		<20	0.05	<10	10	44	<10	70
DD014799		<20	0.05	<10	<10	33	<10	50
DD014800		<20	0.05	<10	<10	37	<10	67
DD014801		<20	0.07	<10	<10	56	<10	47
DD014802		<20	0.03	<10	<10	71	<10	99
DD014803		<20	0.03	<10	<10	36	<10	42
DD014804		<20	0.05	<10	<10	77	<10	99
DD014805		<20	0.04	<10	<10	66	<10	54
DD014806		<20	0.09	<10	<10	76	<10	45
DD014807		<20	0.07	<10	<10	64	<10	42
DD014808		<20	0.03	<10	<10	40	<10	54
DD014809		<20	0.03	<10	<10	61	<10	49
DD014810		<20	0.04	<10	<10	66	<10	50
DD014861		<20	0.07	<10	<10	47	<10	67
DD014862		<20	0.07	<10	<10	37	<10	62
DD014863		<20	0.08	<10	<10	47	<10	67
DD014864		<20	0.07	<10	<10	55	<10	53
DD014865		<20	0.06	<10	<10	32	<10	45
DD014866		<20	0.07	<10	<10	40	<10	43
DD014867		<20	0.07	<10	<10	85	<10	75
DD014868		<20	0.08	<10	<10	43	<10	46
DD014869		<20	0.08	<10	<10	51	<10	55
DD014870		<20	0.06	<10	<10	30	<10	50
DD014871		<20	0.06	<10	<10	32	<10	43
DD014872		<20	0.07	<10	10	48	<10	69
DD014873		<20	0.06	<10	10	57	<10	80
DD014874		<20	0.06	<10	10	63	<10	60
DD014875		<20	0.05	<10	<10	47	<10	75
DD014876		<20	0.04	<10	<10	34	<10	43
DD014877		<20	0.05	<10	<10	48	<10	58
DD014878		<20	0.05	<10	<10	37	<10	47
DD014879		<20	0.06	<10	<10	64	<10	33
DD014880		<20	0.07	<10	<10	52	<10	43

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Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD014901		0.24	0.004	0.2	1.39	6	<10	150	0.5	<2	0.39	<0.5	7	16	29	2.39
DD014902		0.16	0.005	<0.2	1.64	7	<10	170	0.6	<2	0.27	<0.5	10	16	21	2.64
DD014903		0.18	0.007	<0.2	1.47	4	<10	150	<0.5	<2	0.36	<0.5	7	22	12	2.20
DD014904		0.20	0.004	<0.2	1.39	4	<10	200	<0.5	<2	0.36	<0.5	9	25	13	2.78
DD014905		0.22	0.004	<0.2	1.35	11	<10	210	0.5	<2	0.39	<0.5	10	24	19	3.35
DD014906		0.20	0.004	<0.2	1.29	10	<10	230	0.6	<2	0.47	<0.5	10	24	17	3.17
DD014907		0.28	0.005	<0.2	1.24	9	<10	160	<0.5	<2	0.36	<0.5	6	20	15	2.27
DD014908		0.28	0.007	<0.2	1.46	8	<10	180	<0.5	<2	0.38	<0.5	6	20	10	2.42
DD014909		0.24	0.005	<0.2	1.56	8	<10	260	<0.5	<2	0.35	<0.5	9	22	17	2.46
DD014910		0.22	0.003	<0.2	1.27	2	<10	200	<0.5	<2	0.37	<0.5	5	19	9	1.57
DD014911		0.30	0.003	<0.2	1.29	7	<10	210	<0.5	<2	0.33	<0.5	10	20	12	2.65
DD014912		0.08	0.003	1.1	0.91	9	<10	270	<0.5	<2	0.32	0.8	7	16	18	1.32
DD014913		0.30	0.003	0.2	1.09	3	<10	230	<0.5	<2	0.26	<0.5	3	15	9	1.29
DD014914		0.18	0.003	<0.2	0.98	3	<10	260	<0.5	<2	0.24	<0.5	3	13	19	1.51
DD014915		0.12	0.001	<0.2	1.21	<2	<10	270	<0.5	<2	0.32	<0.5	3	18	22	1.02
DD014916		0.22	0.004	<0.2	0.82	<2	<10	110	<0.5	<2	0.28	<0.5	4	12	8	1.06
DD014917		0.24	0.004	<0.2	1.37	10	<10	200	<0.5	<2	0.21	<0.5	5	21	13	2.27
DD014918		0.16	0.004	<0.2	1.26	5	<10	350	0.5	2	0.24	1.1	4	15	21	1.56
DD014919		0.26	0.004	<0.2	1.93	12	<10	670	0.9	3	0.35	0.8	7	28	25	2.52
DD014920		0.12	0.007	0.7	1.72	12	<10	590	0.9	2	0.41	1.1	4	21	43	2.16
DD014921		0.30	0.006	0.2	1.26	8	<10	370	0.5	<2	0.25	<0.5	4	18	15	1.85
DD014922		0.16	0.005	0.5	1.56	9	<10	540	0.7	2	0.32	0.5	4	18	22	2.05
DD014923		0.24	0.004	0.2	1.47	8	<10	440	0.5	<2	0.38	0.5	5	20	18	2.27
DD014924		0.16	0.004	0.8	1.90	9	<10	1040	0.9	<2	0.78	<0.5	7	22	29	2.28
DD014925		0.16	0.002	0.4	1.08	4	<10	620	0.5	<2	0.58	<0.5	3	11	21	1.59
DD014926		0.28	0.003	<0.2	1.25	9	<10	350	<0.5	<2	0.26	<0.5	6	20	9	1.90
DD014927		0.30	0.003	<0.2	1.01	8	<10	230	<0.5	<2	0.16	<0.5	5	15	9	1.69
DD014928		0.22	0.005	0.4	1.45	13	<10	570	0.8	<2	0.25	0.6	5	20	20	1.69
DD014929		0.16	0.005	<0.2	1.79	13	<10	290	<0.5	<2	0.20	<0.5	7	23	14	2.51
DD014930		0.24	0.004	<0.2	1.66	9	<10	300	0.5	<2	0.19	<0.5	4	22	17	2.20
DD014931		0.16	0.010	0.4	1.60	9	<10	490	0.8	<2	0.29	<0.5	5	24	26	2.15
DD014932		0.34	0.010	<0.2	1.38	6	<10	260	0.5	2	0.28	<0.5	5	21	14	1.90
DD014933		0.26	0.006	<0.2	1.06	7	<10	250	<0.5	<2	0.21	<0.5	3	17	15	1.50
DD014934		0.18	0.003	0.4	1.36	5	<10	410	0.5	<2	0.20	<0.5	8	16	19	1.64
DD014935		0.44	0.006	<0.2	0.90	8	<10	530	0.6	2	0.25	0.5	5	17	20	1.61
DD014936		0.32	0.003	<0.2	0.81	9	<10	260	<0.5	<2	0.21	<0.5	3	13	11	1.39
DD014937		0.20	0.010	0.7	2.46	20	<10	670	0.9	3	0.31	<0.5	9	28	34	3.10
DD014938		0.22	0.007	0.6	2.58	15	<10	960	0.8	2	0.38	<0.5	10	30	26	3.57
DD014939		0.30	0.012	0.2	1.63	10	<10	570	0.6	2	0.35	<0.5	7	20	22	2.66
DD014940		0.20	0.004	<0.2	1.33	3	<10	450	0.5	<2	0.38	<0.5	5	20	19	1.89

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CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014901		<10	<1	0.09	20	0.39	492	1	0.02	10	810	17	0.05	<2	3	24
DD014902		10	<1	0.13	20	0.56	1005	1	0.02	10	690	19	0.04	2	6	18
DD014903		<10	<1	0.06	10	0.46	436	<1	0.02	12	790	8	0.04	<2	2	25
DD014904		10	<1	0.12	10	0.47	441	1	0.01	11	700	8	0.02	<2	6	21
DD014905		10	<1	0.14	10	0.55	708	1	0.01	12	460	12	0.01	3	7	20
DD014906		10	<1	0.11	20	0.47	1150	2	0.01	13	560	20	0.03	2	8	23
DD014907		<10	<1	0.07	20	0.38	216	1	0.01	11	640	11	0.02	<2	4	18
DD014908		10	<1	0.08	10	0.47	192	1	0.01	9	590	13	0.02	<2	4	21
DD014909		10	<1	0.08	20	0.41	338	1	0.01	12	600	14	0.02	<2	5	21
DD014910		<10	<1	0.06	10	0.39	437	<1	0.01	10	510	9	0.02	<2	3	20
DD014911		<10	<1	0.06	10	0.37	284	1	0.01	12	580	10	0.01	<2	4	19
DD014912		<10	<1	0.05	10	0.11	1975	2	0.04	8	860	53	0.08	2	1	26
DD014913		<10	1	0.07	10	0.27	144	1	0.02	7	420	31	0.03	3	2	18
DD014914		<10	<1	0.04	10	0.14	474	1	0.03	6	710	15	0.06	2	2	17
DD014915		<10	<1	0.04	10	0.25	100	<1	0.02	7	620	17	0.04	2	3	20
DD014916		<10	1	0.03	10	0.22	331	1	0.02	5	530	5	0.03	<2	2	16
DD014917		10	1	0.09	10	0.35	317	1	0.02	10	230	29	0.03	3	3	19
DD014918		10	<1	0.08	10	0.18	545	2	0.03	6	480	18	0.04	3	2	23
DD014919		10	1	0.11	20	0.47	573	2	0.02	13	470	24	0.03	4	4	27
DD014920		10	1	0.12	20	0.23	429	3	0.03	10	1140	75	0.09	5	2	35
DD014921		<10	1	0.09	10	0.32	364	2	0.02	8	450	44	0.03	3	2	19
DD014922		10	1	0.10	10	0.26	266	2	0.03	9	540	35	0.04	2	3	25
DD014923		10	<1	0.09	10	0.30	294	1	0.03	9	610	46	0.05	<2	2	29
DD014924		10	1	0.13	20	0.35	339	2	0.03	11	970	110	0.07	3	4	52
DD014925		<10	<1	0.08	10	0.14	305	1	0.03	6	940	14	0.09	2	2	41
DD014926		<10	1	0.08	10	0.39	315	1	0.02	11	340	16	0.02	<2	3	17
DD014927		<10	<1	0.09	20	0.24	539	1	0.02	7	210	30	0.03	2	2	18
DD014928		<10	1	0.13	20	0.31	453	2	0.02	9	540	61	0.03	3	3	25
DD014929		10	<1	0.10	10	0.36	420	1	0.02	11	320	21	0.02	<2	3	18
DD014930		10	1	0.08	10	0.30	226	1	0.02	10	320	36	0.02	2	2	17
DD014931		<10	1	0.12	20	0.38	352	2	0.02	13	480	34	0.03	3	4	25
DD014932		<10	<1	0.11	10	0.41	213	1	0.02	10	510	25	0.03	2	3	18
DD014933		10	<1	0.08	10	0.24	125	1	0.02	7	330	13	0.03	2	2	17
DD014934		10	<1	0.12	10	0.20	1190	1	0.03	6	510	44	0.04	3	1	21
DD014935		<10	<1	0.12	30	0.23	467	2	0.02	8	490	37	0.02	5	3	29
DD014936		<10	1	0.10	20	0.19	292	2	0.02	6	420	33	0.03	4	2	22
DD014937		10	1	0.23	20	0.39	1250	4	0.02	12	660	72	0.05	8	4	40
DD014938		10	1	0.20	10	0.34	1910	3	0.03	13	950	58	0.07	2	4	34
DD014939		10	1	0.13	20	0.36	709	1	0.02	8	640	20	0.04	3	4	25
DD014940		<10	<1	0.06	10	0.29	228	1	0.03	9	790	9	0.05	2	4	24

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014901		<20	0.07	<10	<10	56	<10	57
DD014902		<20	0.07	<10	<10	59	<10	75
DD014903		<20	0.08	<10	<10	50	<10	54
DD014904		<20	0.08	<10	<10	65	<10	57
DD014905		<20	0.08	<10	<10	70	<10	67
DD014906		<20	0.06	<10	<10	58	<10	71
DD014907		<20	0.05	<10	<10	50	<10	48
DD014908		<20	0.06	<10	<10	54	<10	48
DD014909		<20	0.06	<10	<10	51	<10	49
DD014910		<20	0.06	<10	<10	34	<10	43
DD014911		<20	0.05	<10	<10	47	<10	43
DD014912		<20	0.03	<10	<10	29	<10	45
DD014913		<20	0.05	<10	<10	31	<10	51
DD014914		<20	0.03	<10	<10	32	<10	40
DD014915		<20	0.05	<10	<10	30	<10	49
DD014916		<20	0.05	<10	<10	26	<10	35
DD014917		<20	0.07	<10	<10	55	<10	59
DD014918		<20	0.04	<10	<10	38	<10	50
DD014919		<20	0.04	<10	<10	50	<10	70
DD014920		<20	0.02	<10	<10	40	<10	87
DD014921		<20	0.04	<10	<10	38	<10	59
DD014922		<20	0.04	<10	<10	45	<10	55
DD014923		<20	0.05	<10	<10	53	<10	67
DD014924		<20	0.03	<10	<10	47	<10	87
DD014925		<20	0.03	<10	<10	42	<10	46
DD014926		<20	0.07	<10	<10	43	<10	47
DD014927		<20	0.04	<10	<10	34	<10	48
DD014928		<20	0.03	<10	<10	35	<10	87
DD014929		<20	0.06	<10	<10	58	<10	59
DD014930		<20	0.05	<10	<10	52	<10	53
DD014931		<20	0.06	<10	10	43	<10	62
DD014932		<20	0.07	<10	<10	41	<10	52
DD014933		<20	0.06	<10	<10	41	<10	35
DD014934		<20	0.03	<10	<10	40	<10	54
DD014935		<20	0.05	<10	<10	34	<10	68
DD014936		<20	0.03	<10	<10	30	<10	64
DD014937		<20	0.02	<10	<10	49	<10	135
DD014938		<20	0.03	<10	<10	73	<10	100
DD014939		<20	0.03	<10	<10	45	<10	72
DD014940		<20	0.04	<10	<10	40	<10	48

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza Soil

CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DD014941		0.12	0.004	<0.2	1.38	2	<10	680	<0.5	<2	0.60	<0.5	5	20	25	1.54
DD014942		0.16	0.003	<0.2	1.46	2	<10	360	<0.5	<2	0.46	0.7	4	20	24	1.23
DD014943		0.26	0.036	<0.2	1.85	2	<10	300	0.5	<2	0.41	<0.5	5	30	28	1.70
DD014944		0.14	0.003	<0.2	0.86	4	<10	150	<0.5	<2	0.40	<0.5	5	10	17	1.48
DD014945		0.18	0.016	<0.2	1.25	5	<10	240	<0.5	<2	0.45	<0.5	5	19	19	2.08
DD014946		0.18	0.003	<0.2	1.46	<2	<10	270	<0.5	<2	0.45	<0.5	5	18	24	1.46
DD014947		0.12	0.005	<0.2	1.57	7	<10	250	<0.5	<2	0.46	<0.5	10	19	26	3.29
DD014948		0.18	0.003	<0.2	1.67	9	<10	190	<0.5	<2	0.43	<0.5	5	23	23	1.96

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CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD014941		<10	<1	0.07	10	0.32	278	<1	0.04	10	790	10	0.12	<2	3	41
DD014942		<10	<1	0.08	20	0.26	347	<1	0.03	10	690	9	0.14	3	4	30
DD014943		10	<1	0.11	20	0.47	247	<1	0.03	15	440	12	0.05	2	6	28
DD014944		<10	1	0.04	10	0.16	361	<1	0.04	5	590	3	0.08	<2	2	29
DD014945		<10	1	0.05	10	0.24	259	<1	0.03	8	710	6	0.09	<2	3	34
DD014946		<10	<1	0.05	10	0.26	431	1	0.04	9	690	6	0.10	<2	3	36
DD014947		<10	<1	0.05	10	0.29	622	1	0.04	9	820	8	0.10	<2	3	40
DD014948		<10	<1	0.07	10	0.33	204	1	0.03	10	650	10	0.06	<2	4	31

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CERTIFICATE OF ANALYSIS WH11186309

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD014941		<20	0.04	<10	10	37	<10	57
DD014942		<20	0.05	<10	<10	42	<10	53
DD014943		<20	0.10	<10	<10	66	<10	60
DD014944		<20	0.06	<10	<10	36	<10	36
DD014945		<20	0.07	<10	<10	44	<10	40
DD014946		<20	0.05	<10	<10	43	<10	50
DD014947		<20	0.05	<10	<10	45	<10	56
DD014948		<20	0.07	<10	<10	55	<10	51

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Finalized Date: 15- NOV- 2011
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CERTIFICATE WH11188836

Project: Klaza DDH- 51

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11188836

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K973328		3.60	0.035		0.7	0.52	33	<10	630	0.6	<2	3.20	9.9	5	3	19
K973329		5.41	0.015		0.4	0.84	21	<10	630	0.7	<2	1.84	1.6	6	4	15
K973330		8.18	0.037		1.1	0.54	67	<10	200	0.6	<2	1.98	14.7	5	3	21
K973331		6.52	0.035		0.4	0.62	115	<10	900	0.6	<2	2.32	6.4	4	4	10
K973332		2.67	0.009		7.1	0.55	41	<10	430	0.6	<2	2.16	6.4	7	5	87
K973333		5.54	1.025		9.7	0.42	1785	<10	10	0.5	9	4.36	191.0	6	2	278
K973334		10.61	0.007		0.2	0.68	26	<10	760	0.7	<2	2.85	0.8	5	4	5
K973335		9.14	0.021		0.5	0.60	41	<10	600	0.6	<2	2.16	1.3	3	3	77
K973336		0.09	1.430		31.6	4.74	144	<10	30	<0.5	9	4.45	31.9	83	54	6850
K973337		11.32	0.018		0.5	0.85	37	<10	430	0.7	<2	2.73	0.7	10	4	26
K973338		8.41	0.027		0.3	0.83	24	<10	520	0.5	<2	1.91	<0.5	3	5	24
K973339		2.58	0.391		4.8	0.47	446	<10	<10	<0.5	10	0.70	19.3	22	3	61
K973340		8.00	0.024		0.4	0.65	32	<10	670	0.6	<2	1.72	1.7	6	4	18
K973341		2.64	>10.0	21.1	80.8	0.38	5430	<10	<10	<0.5	109	0.79	36.2	7	2	1445
K973342		1.66	<0.005		<0.2	0.05	9	<10	<10	<0.5	<2	19.1	<0.5	<1	1	2
K973343		11.54	0.030		0.2	1.25	19	<10	190	0.6	<2	1.70	<0.5	6	6	18
K973344		11.83	0.006		0.2	1.15	5	<10	270	0.5	<2	1.76	<0.5	6	6	60
K973345		0.08	1.705		30.6	4.74	140	<10	30	<0.5	5	4.40	31.6	82	54	7000
K973346		5.27	0.011		0.4	0.81	15	<10	300	0.7	<2	1.90	0.6	5	5	16
K973347		2.33	0.182		1.0	0.72	1315	<10	210	0.6	<2	1.50	41.7	6	3	43
K973348		11.79	<0.005		0.2	1.10	7	<10	280	0.5	<2	1.81	<0.5	5	6	18
K973349		9.01	<0.005		<0.2	1.24	6	<10	440	<0.5	<2	1.83	<0.5	5	8	26
K973350		2.81	0.009		<0.2	0.96	64	<10	420	0.5	<2	2.01	<0.5	5	6	14
K973351		11.25	0.018		0.3	1.32	19	<10	590	0.7	<2	2.17	1.5	5	5	21
K973352		6.49	8.38		57.7	0.44	>10000	<10	<10	<0.5	99	1.78	21.3	4	2	725
K973353		2.81	<0.005		<0.2	0.03	12	<10	<10	<0.5	<2	20.4	<0.5	<1	<1	2
K973354		10.81	0.027		0.3	0.54	58	<10	380	0.8	<2	2.84	<0.5	5	4	10
K973355		5.44	0.013		0.4	0.49	36	<10	530	0.8	<2	2.87	<0.5	6	4	9
K973356		6.88	<0.005		0.2	1.19	12	<10	310	0.6	<2	2.27	<0.5	4	5	3
K973357		2.16	0.044		1.0	0.56	322	<10	250	<0.5	<2	3.09	1.1	4	3	79
K973358		3.67	<0.005		<0.2	1.32	6	<10	120	0.5	<2	1.41	<0.5	5	8	6
K973359		2.20	0.029		0.7	1.40	64	<10	130	0.7	<2	2.10	<0.5	6	5	74
K973360		4.50	<0.005		<0.2	1.34	5	<10	420	0.5	<2	2.47	<0.5	6	6	8
K973361		3.19	0.005		0.2	1.94	11	<10	270	0.7	<2	3.40	<0.5	4	6	4
K973362		5.24	0.022		0.2	1.53	9	<10	990	0.5	<2	4.47	<0.5	6	5	3

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Finalized Date: 15- NOV- 2011
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Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11188836

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K973328		2.70	<10	<1	0.28	20	1.11	1065	1	0.01	2	550	376	0.40	2	6
K973329		3.01	<10	<1	0.23	20	0.67	864	2	0.01	5	660	161	0.27	2	8
K973330		3.15	<10	1	0.31	20	0.69	1295	5	0.01	3	530	299	1.13	5	6
K973331		2.75	<10	<1	0.22	20	0.76	1085	4	0.01	3	550	102	0.39	4	7
K973332		2.83	<10	<1	0.28	20	0.72	1490	3	0.01	2	490	191	0.46	23	5
K973333		5.18	<10	1	0.29	10	1.64	3630	5	0.01	3	390	557	4.99	17	2
K973334		2.48	<10	1	0.25	20	0.85	992	1	0.01	2	600	34	0.22	<2	8
K973335		3.77	<10	<1	0.33	20	0.89	1575	1	0.01	1	530	55	0.35	3	5
K973336		7.92	10	2	0.23	10	1.09	607	44	0.32	296	660	8040	6.97	24	4
K973337		3.50	<10	<1	0.30	20	0.82	896	2	0.03	1	550	60	0.73	4	5
K973338		2.95	<10	<1	0.24	20	0.65	716	2	0.02	2	590	18	0.31	8	6
K973339		7.11	<10	<1	0.35	10	0.41	961	9	0.01	2	370	680	5.66	12	3
K973340		3.13	<10	<1	0.25	10	0.63	1130	1	0.01	1	590	88	0.46	5	8
K973341		7.45	<10	1	0.27	10	0.26	7810	7	<0.01	1	230	2720	8.18	77	1
K973342		0.44	<10	1	0.02	10	11.60	209	<1	<0.01	4	200	2	0.01	<2	<1
K973343		2.79	<10	<1	0.19	20	0.69	670	1	0.03	2	590	18	0.16	2	6
K973344		2.53	<10	<1	0.18	20	0.65	582	1	0.04	2	620	10	0.08	2	6
K973345		7.86	10	1	0.23	10	1.08	597	41	0.32	300	660	7960	7.01	23	4
K973346		2.88	<10	<1	0.24	20	0.59	902	<1	0.02	<1	600	29	0.24	3	7
K973347		3.33	<10	<1	0.26	20	0.55	942	1	0.01	1	580	226	0.94	4	6
K973348		2.58	<10	<1	0.17	20	0.60	510	1	0.04	2	610	9	0.03	<2	7
K973349		2.53	10	<1	0.19	20	0.67	565	1	0.07	3	600	19	0.08	<2	6
K973350		2.65	<10	<1	0.23	20	0.69	638	1	0.05	2	620	21	0.16	<2	7
K973351		2.92	<10	<1	0.22	20	0.73	805	1	0.02	2	610	66	0.24	2	6
K973352		8.02	<10	1	0.32	10	0.52	946	11	0.01	2	420	651	8.32	160	2
K973353		0.45	<10	1	0.01	10	12.35	216	<1	0.01	4	210	<2	0.02	<2	<1
K973354		2.37	<10	<1	0.30	20	0.88	763	2	0.01	3	560	18	0.27	2	7
K973355		2.38	<10	1	0.25	20	0.87	736	1	0.02	2	590	17	0.30	<2	7
K973356		2.20	<10	1	0.24	20	0.60	488	1	0.04	1	590	9	0.10	<2	6
K973357		2.47	<10	1	0.32	10	0.61	1215	1	0.02	1	570	56	1.16	3	4
K973358		2.62	10	<1	0.17	20	0.69	419	1	0.07	1	590	7	0.06	<2	5
K973359		2.95	<10	1	0.18	20	0.72	555	1	0.03	1	600	26	0.44	25	5
K973360		2.37	<10	1	0.17	20	0.72	489	1	0.04	1	560	8	0.10	<2	6
K973361		4.61	10	1	0.24	30	0.90	737	<1	0.03	1	610	18	0.12	<2	6
K973362		2.51	<10	1	0.21	30	0.69	918	2	0.03	1	640	10	0.24	<2	5

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Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11188836

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
K973328		104	<20	<0.01	<10	<10	26	<10	712	2	
K973329		64	<20	<0.01	<10	<10	35	<10	162	<1	
K973330		52	<20	<0.01	<10	<10	21	<10	997	1	
K973331		69	<20	<0.01	<10	<10	32	<10	451	1	
K973332		65	<20	<0.01	<10	<10	23	10	475	5	
K973333		64	<20	<0.01	<10	<10	8	<10	>10000	12	1.295
K973334		124	<20	<0.01	<10	<10	33	<10	121	<1	
K973335		83	<20	<0.01	<10	<10	24	<10	182	1	
K973336		76	<20	0.05	<10	<10	306	<10	7210	32	
K973337		100	<20	<0.01	<10	<10	25	<10	108	1	
K973338		77	<20	<0.01	<10	<10	32	<10	81	1	
K973339		18	<20	<0.01	<10	10	16	<10	1320	5	
K973340		64	<20	<0.01	<10	<10	32	<10	182	1	
K973341		19	<20	<0.01	<10	10	6	<10	2860	74	
K973342		48	<20	<0.01	<10	<10	2	<10	22	1	
K973343		61	<20	0.02	<10	<10	42	<10	63	1	
K973344		69	<20	0.04	<10	<10	44	<10	47	2	
K973345		76	<20	0.05	<10	<10	309	<10	7300	30	
K973346		77	<20	<0.01	<10	<10	35	<10	94	<1	
K973347		50	<20	<0.01	<10	<10	29	<10	2580	2	
K973348		87	<20	0.02	<10	<10	42	<10	44	<1	
K973349		85	<20	0.02	<10	<10	44	<10	51	<1	
K973350		99	<20	0.01	<10	<10	38	<10	62	<1	
K973351		103	<20	0.01	<10	<10	38	<10	152	<1	
K973352		44	<20	<0.01	<10	<10	9	<10	1670	57	
K973353		54	<20	<0.01	<10	<10	2	<10	20	1	
K973354		127	<20	<0.01	<10	<10	31	<10	45	1	
K973355		132	<20	<0.01	<10	<10	30	<10	36	<1	
K973356		109	<20	0.01	<10	<10	35	<10	35	<1	
K973357		112	<20	<0.01	<10	<10	13	<10	112	1	
K973358		56	<20	0.05	<10	<10	50	<10	33	<1	
K973359		89	<20	0.01	<10	<10	39	<10	58	1	
K973360		94	20	<0.01	<10	<10	39	<10	38	1	
K973361		93	<20	<0.01	<10	<10	48	10	67	<1	
K973362		106	<20	<0.01	<10	<10	31	<10	55	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11188837

Project: Klaza DDH- 47

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- NOV- 2011
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Project: Klaza DDH- 47

CERTIFICATE OF ANALYSIS WH11188837

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K974154		8.56	<0.005	<0.2	1.06	15	<10	430	0.5	<2	1.40	2.3	7	9	16	3.10
K974155		8.70	<0.005	<0.2	1.12	8	<10	330	<0.5	<2	1.37	<0.5	8	9	13	2.82
K974156		4.51	0.137	4.7	0.74	372	<10	540	0.7	<2	1.01	11.5	8	4	42	3.13
K974157		4.38	<0.005	0.4	1.42	9	<10	230	0.7	<2	0.72	3.0	9	7	9	3.13
K974158		0.10	1.315	33.5	4.74	145	<10	40	<0.5	11	4.50	31.6	85	56	6850	7.90
K974159		12.23	<0.005	0.3	1.27	6	<10	200	<0.5	<2	1.29	2.1	8	8	19	3.01
K974160		11.15	0.006	0.2	1.20	4	<10	140	<0.5	<2	1.35	2.7	8	8	13	2.88
K974161		8.63	<0.005	<0.2	1.14	6	<10	150	<0.5	<2	1.51	<0.5	8	9	11	2.55
K974162		4.49	0.015	1.3	0.70	24	<10	280	0.7	<2	2.49	12.4	10	4	19	2.96
K974163		12.24	<0.005	<0.2	1.28	8	<10	160	<0.5	<2	1.27	0.5	7	9	11	2.91
K974164		7.71	<0.005	<0.2	1.21	8	<10	200	0.5	<2	1.49	1.4	7	8	11	2.96
K974165		3.59	0.194	5.4	0.52	199	<10	40	0.6	<2	2.64	53.4	14	3	46	4.28
K974166		3.63	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	18.5	<0.5	2	1	<1	0.44
K974167		6.34	0.114	4.6	0.45	214	<10	130	0.7	<2	2.35	37.6	13	3	37	4.05
K974168		5.22	0.007	0.9	0.54	38	<10	150	0.6	<2	1.67	5.5	6	4	11	2.15
K974169		3.63	0.263	5.6	0.40	302	<10	30	0.5	2	2.41	25.9	8	2	49	3.89
K974170		0.20	3.37	>100	0.17	>10000	<10	10	<0.5	<2	0.41	327	3	9	1575	13.4
K974171		3.69	0.012	0.6	0.79	26	<10	1040	0.8	<2	1.90	0.5	16	3	6	2.42
K974172		5.90	0.219	1.7	0.51	781	<10	140	0.7	<2	2.34	3.3	12	3	7	2.70
K974173		5.72	0.024	1.1	0.73	95	<10	1100	0.6	<2	1.34	2.7	7	4	9	2.45
K974174		5.92	0.008	3.1	1.41	24	<10	330	0.9	<2	2.02	4.2	4	5	11	3.32
K974175		5.55	<0.005	<0.2	1.04	7	<10	180	<0.5	<2	1.10	0.6	7	9	8	2.58
K974176		2.43	<0.005	<0.2	1.17	8	<10	210	<0.5	<2	1.08	0.6	6	8	10	2.75
K974177		11.99	<0.005	0.5	1.19	7	<10	270	<0.5	<2	1.15	3.0	6	10	14	2.58
K974178		11.87	0.011	1.0	0.90	16	<10	580	0.5	<2	1.74	7.5	11	5	8	2.53
K974179		4.13	0.056	1.1	0.84	152	<10	300	0.8	<2	2.03	3.2	9	4	11	3.29
K974180		7.77	<0.005	0.9	1.19	12	<10	380	<0.5	<2	1.50	8.5	8	9	31	2.70
K974181		12.14	<0.005	<0.2	1.26	7	<10	630	<0.5	<2	1.47	2.3	6	8	11	2.70
K974182		8.72	<0.005	0.3	1.48	8	<10	160	<0.5	<2	2.15	3.8	5	8	13	3.08
K974183		9.96	<0.005	<0.2	1.18	5	<10	210	<0.5	<2	1.84	0.9	8	7	10	2.56
K974184		5.13	0.009	0.3	1.32	23	<10	750	1.0	<2	2.53	4.1	6	4	12	2.96
K974185		6.75	6.73	48.7	0.23	7750	<10	10	<0.5	24	4.13	>1000	3	2	1495	5.06
K974186		1.67	0.005	<0.2	0.04	6	<10	30	<0.5	<2	19.6	1.1	1	<1	2	0.43
K974187		7.01	7.05	30.7	0.34	>10000	<10	30	<0.5	15	1.11	264	4	3	459	5.44
K974188		7.82	0.006	<0.2	0.91	42	<10	2070	0.7	<2	1.42	11.6	7	5	11	2.69
K974189		2.53	0.452	3.2	0.51	589	<10	130	0.6	<2	1.86	18.3	5	4	43	2.61

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CERTIFICATE OF ANALYSIS WH11188837

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K974154		<10	<1	0.25	20	0.50	811	3	0.06	1	640	101	0.05	3	7	49
K974155		<10	<1	0.23	20	0.64	525	3	0.10	1	610	8	0.03	2	7	61
K974156		<10	<1	0.28	20	0.25	1360	4	0.01	<1	570	704	0.45	6	6	38
K974157		<10	<1	0.16	20	0.43	418	3	0.04	2	650	12	0.01	2	7	40
K974158		10	2	0.24	10	1.12	615	45	0.32	299	650	7950	6.99	24	4	75
K974159		<10	<1	0.22	20	0.59	701	3	0.08	2	620	78	0.03	2	7	55
K974160		10	<1	0.17	20	0.59	567	3	0.06	1	590	71	0.05	3	6	52
K974161		10	<1	0.19	20	0.60	512	3	0.07	2	610	12	0.04	2	6	53
K974162		<10	1	0.28	20	0.73	1090	2	0.02	1	580	414	0.29	2	6	70
K974163		10	<1	0.17	20	0.68	556	2	0.08	1	610	24	0.02	<2	6	49
K974164		<10	<1	0.23	20	0.62	668	2	0.07	1	590	85	0.05	2	6	60
K974165		<10	<1	0.32	10	0.67	2510	3	0.01	1	510	1490	2.29	8	4	62
K974166		<10	<1	0.03	<10	11.40	208	1	0.01	1	180	2	0.02	2	<1	45
K974167		<10	1	0.31	20	0.55	2000	3	0.01	3	470	1460	1.53	7	4	47
K974168		<10	<1	0.27	20	0.51	1140	1	0.01	1	580	272	0.23	4	6	57
K974169		<10	<1	0.29	10	0.70	2770	2	0.01	2	470	1855	3.19	9	3	60
K974170		<10	1	0.07	<10	0.17	1460	<1	0.01	12	140	>10000	>10.0	547	1	19
K974171		<10	1	0.23	20	0.52	550	1	0.02	1	570	18	0.36	<2	5	72
K974172		<10	<1	0.31	20	0.70	1180	2	0.01	2	510	120	1.51	12	5	68
K974173		<10	<1	0.18	20	0.48	887	2	0.02	3	590	116	0.27	3	7	48
K974174		<10	1	0.16	20	0.51	496	2	0.02	2	600	839	0.10	3	7	73
K974175		<10	<1	0.15	10	0.63	407	1	0.08	1	570	10	0.06	<2	5	49
K974176		<10	<1	0.15	10	0.65	402	1	0.08	1	590	11	0.05	<2	5	61
K974177		<10	<1	0.15	10	0.64	431	1	0.06	1	580	115	0.06	<2	4	80
K974178		<10	<1	0.26	20	0.47	623	2	0.04	2	550	388	0.41	<2	5	71
K974179		<10	<1	0.28	20	0.63	1070	2	0.02	3	580	211	0.94	5	6	101
K974180		<10	<1	0.25	20	0.62	735	1	0.07	1	560	306	0.22	<2	5	69
K974181		<10	<1	0.16	10	0.68	783	2	0.06	<1	560	62	0.07	2	5	96
K974182		<10	<1	0.19	20	0.74	1130	1	0.04	2	560	141	0.11	<2	5	78
K974183		<10	<1	0.14	20	0.68	736	1	0.04	2	560	23	0.08	<2	6	60
K974184		<10	<1	0.19	20	0.60	932	<1	0.01	1	540	86	0.25	2	6	92
K974185		<10	4	0.15	<10	1.44	4040	5	0.01	<1	120	3460	7.20	232	1	69
K974186		<10	1	0.02	<10	11.80	196	<1	0.02	<1	160	3	0.03	<2	<1	48
K974187		<10	1	0.19	10	0.39	4160	5	0.01	1	330	6280	3.62	115	3	19
K974188		<10	1	0.18	10	0.47	696	1	0.03	<1	560	46	0.15	7	7	53
K974189		<10	1	0.21	10	0.58	941	4	0.01	1	460	956	0.92	18	6	49

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VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 47

CERTIFICATE OF ANALYSIS WH11188837

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K974154		<20	0.03	<10	<10	46	<10	178	<1		
K974155		<20	0.07	<10	<10	53	<10	69	<1		
K974156		<20	<0.01	<10	<10	24	<10	1145	4		
K974157		<20	0.04	<10	<10	51	<10	349	1		
K974158		<20	0.05	<10	<10	310	<10	7150	29		
K974159		<20	0.04	<10	<10	51	<10	195	<1		
K974160		<20	0.02	<10	<10	48	<10	222	1		
K974161		<20	0.03	<10	<10	48	<10	49	1		
K974162		<20	<0.01	<10	<10	28	<10	962	1		
K974163		<20	0.07	<10	<10	53	<10	72	<1		
K974164		<20	0.03	<10	<10	43	<10	141	<1		
K974165		<20	<0.01	<10	<10	15	<10	3540	5		
K974166		<20	<0.01	<10	<10	2	<10	18	<1		
K974167		<20	<0.01	<10	<10	14	<10	2630	4		
K974168		<20	<0.01	<10	<10	23	<10	395	<1		
K974169		<20	<0.01	<10	<10	9	<10	2010	5		
K974170		<20	<0.01	<10	<10	6	150	>10000	419	3.04	3.58
K974171		<20	<0.01	<10	<10	29	<10	89	1		
K974172		<20	<0.01	<10	<10	13	<10	312	1		
K974173		<20	<0.01	<10	<10	32	<10	192	1		
K974174		<20	0.01	<10	<10	40	<10	293	3		
K974175		<20	0.07	<10	<10	51	<10	37	<1		
K974176		<20	0.07	<10	<10	52	<10	38	<1		
K974177		<20	0.07	<10	<10	49	<10	216	<1		
K974178		<20	0.01	<10	<10	31	<10	592	<1		
K974179		<20	<0.01	<10	<10	25	<10	238	1		
K974180		<20	0.04	<10	<10	45	<10	893	1		
K974181		<20	0.06	<10	<10	48	<10	180	<1		
K974182		<20	0.01	<10	<10	44	<10	272	<1		
K974183		<20	0.02	<10	<10	45	<10	70	<1		
K974184		<20	<0.01	<10	<10	31	<10	353	<1		
K974185		<20	<0.01	<10	<10	5	10	>10000	47		6.95
K974186		<20	<0.01	<10	<10	2	<10	92	<1		
K974187		<20	<0.01	<10	<10	10	10	>10000	29		1.905
K974188		<20	<0.01	<10	<10	36	<10	1310	<1		
K974189		<20	<0.01	<10	<10	25	<10	1000	3		

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Finalized Date: 15- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11188838

Project: Klaza DDH- 50

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11188838

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K269346		6.63	0.009		<0.2	0.86	45	<10	830	0.6	<2	1.81	3.7	6	5	10
K269347		5.72	<0.005		<0.2	1.20	12	<10	200	0.5	<2	1.08	3.2	6	9	8
K269348		7.06	0.032		1.3	0.83	78	<10	350	0.7	<2	1.70	11.5	8	5	15
K269349		11.53	<0.005		<0.2	1.26	6	<10	180	<0.5	<2	1.10	2.6	6	10	6
K269350		12.96	<0.005		<0.2	1.10	7	<10	140	<0.5	<2	1.00	1.4	5	10	4
K269351		12.27	<0.005		<0.2	1.35	8	<10	200	<0.5	<2	1.22	0.8	5	12	4
K269352		13.77	<0.005		<0.2	1.43	7	<10	190	<0.5	<2	1.10	0.9	6	13	5
K269353		0.13	NSS		32.0	4.73	151	<10	50	<0.5	10	4.50	32.8	81	55	6990
K269354		12.28	0.005		0.4	1.27	4	<10	170	<0.5	<2	1.06	2.2	7	9	8
K269355		12.23	0.019		<0.2	1.28	10	<10	140	<0.5	<2	1.15	1.8	6	10	8
K269356		11.90	0.006		0.4	1.29	11	<10	140	<0.5	<2	1.25	7.4	5	10	8
K269357		5.88	0.246		2.3	0.80	121	<10	300	0.5	2	2.37	25.6	5	7	38
K269358		4.79	<0.005		<0.2	0.05	2	<10	10	<0.5	<2	19.4	<0.5	<1	1	2
K269359		11.29	0.013		0.7	1.15	8	<10	140	<0.5	<2	1.93	6.9	6	9	16
K269360		12.04	<0.005		0.3	1.21	5	<10	120	<0.5	<2	1.04	0.5	7	11	7
K269361		12.09	<0.005		0.2	1.29	6	<10	130	<0.5	<2	1.06	<0.5	6	10	7
K269362		12.71	<0.005		0.2	1.28	9	<10	160	<0.5	<2	1.08	<0.5	6	11	6
K269363		10.64	0.065		0.3	1.13	11	<10	160	<0.5	<2	1.34	1.8	7	12	6
K269364		8.44	0.013		0.5	1.04	41	<10	170	<0.5	<2	1.60	1.9	11	8	7
K269365		9.68	0.024		0.3	1.13	14	<10	260	<0.5	<2	1.74	0.5	12	9	4
K269366		11.96	>10.0	13.60	36.1	0.47	461	<10	10	<0.5	22	0.74	28.3	290	2	45
K269367		11.35	<0.005		0.3	1.20	6	<10	470	<0.5	<2	1.24	<0.5	8	12	12
K269368		3.53	0.291		3.7	0.60	166	<10	130	0.5	<2	2.98	16.7	13	5	106
K269369		5.37	0.009		<0.2	0.07	2	<10	20	<0.5	<2	17.9	<0.5	2	1	2
K269370		12.46	0.104		0.8	0.98	15	<10	180	<0.5	<2	1.45	1.0	12	9	6
K269371		11.35	0.066		1.0	1.10	182	<10	120	<0.5	<2	1.32	16.6	6	8	23
K269372		12.08	<0.005		0.2	1.24	6	<10	120	<0.5	<2	1.89	<0.5	6	9	6
K269373		0.13	1.410		31.6	4.68	137	<10	40	<0.5	9	4.43	31.2	79	55	6720
K269374		11.13	<0.005		<0.2	1.30	6	<10	130	<0.5	<2	1.21	<0.5	6	11	13
K269375		6.86	<0.005		<0.2	1.32	8	<10	130	<0.5	<2	1.30	0.5	6	9	11
K269376		12.12	<0.005		<0.2	1.33	5	<10	140	<0.5	<2	1.16	0.6	6	11	8
K269377		12.27	<0.005		<0.2	1.32	7	<10	290	<0.5	<2	1.44	<0.5	7	9	9
K269378		11.17	<0.005		<0.2	1.04	6	<10	290	<0.5	<2	1.66	<0.5	7	10	8
K269379		3.99	1.130		2.7	0.58	3990	<10	40	0.6	<2	2.39	23.9	7	4	28
K269380		11.50	<0.005		<0.2	1.23	19	<10	160	<0.5	<2	1.54	<0.5	6	10	8
K269381		11.08	0.010		<0.2	1.22	50	<10	210	<0.5	<2	1.34	0.5	7	10	6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11188838

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269346		2.60	<10	<1	0.18	10	0.31	937	<1	0.02	2	530	29	0.12	3	7
K269347		2.61	<10	<1	0.20	10	0.56	444	1	0.08	2	570	29	0.04	<2	4
K269348		2.92	<10	<1	0.23	20	0.31	1270	1	0.01	1	620	383	0.23	5	8
K269349		2.66	10	<1	0.16	20	0.67	464	1	0.09	1	580	40	0.03	2	4
K269350		2.63	<10	<1	0.14	10	0.60	379	<1	0.08	1	570	12	0.03	2	4
K269351		2.63	<10	<1	0.18	10	0.62	381	1	0.12	2	570	15	0.03	<2	4
K269352		2.71	<10	<1	0.21	10	0.64	379	<1	0.15	2	560	12	0.03	<2	5
K269353		7.90	<10	1	0.23	10	1.12	599	44	0.33	305	680	8110	7.28	24	4
K269354		2.57	10	<1	0.15	10	0.63	371	<1	0.10	<1	590	109	0.03	<2	4
K269355		2.66	<10	<1	0.16	10	0.62	509	1	0.09	2	570	73	0.04	<2	5
K269356		2.75	<10	<1	0.17	10	0.65	533	1	0.08	1	600	145	0.09	<2	4
K269357		3.02	<10	<1	0.27	20	0.63	1800	1	0.03	2	570	546	0.81	5	5
K269358		0.48	<10	<1	0.02	<10	12.15	213	<1	0.02	1	190	4	0.07	<2	<1
K269359		2.36	<10	1	0.15	10	1.01	536	3	0.07	3	530	196	0.13	<2	3
K269360		2.46	<10	<1	0.14	10	0.58	389	3	0.09	3	570	31	0.02	<2	3
K269361		2.47	<10	<1	0.14	10	0.60	355	3	0.10	3	570	23	0.01	<2	3
K269362		2.54	<10	<1	0.15	10	0.62	378	3	0.09	3	550	13	<0.01	<2	4
K269363		2.63	<10	<1	0.16	20	0.60	402	3	0.10	3	560	67	0.05	<2	5
K269364		2.90	<10	<1	0.20	20	0.67	605	3	0.07	4	640	94	0.53	<2	6
K269365		3.00	<10	<1	0.24	10	0.67	811	3	0.07	4	610	36	0.57	<2	4
K269366		11.95	<10	1	0.35	<10	0.24	1500	7	0.01	7	330	1850	>10.0	12	1
K269367		2.79	<10	<1	0.18	10	0.65	444	2	0.11	2	600	32	0.31	<2	4
K269368		3.59	<10	<1	0.32	20	0.77	2510	2	0.03	1	520	1015	1.50	11	5
K269369		0.42	<10	<1	0.03	10	11.20	202	1	0.02	<1	270	15	0.05	<2	<1
K269370		2.72	<10	<1	0.18	20	0.63	500	2	0.08	<1	560	65	0.32	<2	5
K269371		2.84	<10	<1	0.18	20	0.59	579	2	0.07	1	600	166	0.43	<2	4
K269372		2.39	<10	<1	0.13	10	1.03	397	2	0.09	<1	550	18	0.01	<2	3
K269373		7.87	10	1	0.23	10	1.10	597	45	0.33	303	650	7930	6.82	26	4
K269374		2.66	<10	<1	0.15	10	0.62	429	2	0.10	1	570	24	0.04	<2	4
K269375		2.58	<10	<1	0.16	20	0.62	465	2	0.09	1	580	29	0.07	<2	4
K269376		2.44	<10	<1	0.15	10	0.60	394	2	0.09	2	550	20	0.01	<2	3
K269377		2.73	<10	<1	0.18	20	0.65	578	2	0.09	1	580	16	0.12	<2	4
K269378		2.70	<10	<1	0.19	20	0.61	563	2	0.09	1	610	10	0.03	2	6
K269379		4.31	<10	<1	0.33	20	0.59	2600	6	0.02	1	490	362	2.46	23	5
K269380		2.80	<10	<1	0.17	20	0.65	649	2	0.09	1	560	23	0.03	<2	5
K269381		2.80	<10	<1	0.17	20	0.70	583	2	0.09	1	590	19	0.04	<2	5

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11188838

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
K269346		49	<20	0.01	<10	<10	39	<10	216	<1
K269347		44	<20	0.09	<10	<10	51	<10	230	<1
K269348		44	<20	<0.01	<10	<10	36	<10	805	1
K269349		38	<20	0.11	<10	<10	54	<10	222	<1
K269350		34	<20	0.13	<10	<10	53	<10	98	<1
K269351		56	<20	0.13	<10	<10	52	<10	39	<1
K269352		50	<20	0.15	<10	<10	56	<10	50	<1
K269353		75	<20	0.05	<10	<10	306	<10	7510	33
K269354		40	<20	0.13	<10	<10	54	<10	168	<1
K269355		44	<20	0.12	<10	<10	55	<10	113	<1
K269356		38	<20	0.11	<10	<10	54	<10	453	<1
K269357		56	<20	0.02	<10	<10	29	<10	1765	3
K269358		48	<20	<0.01	<10	<10	2	<10	23	<1
K269359		38	<20	0.10	<10	<10	46	<10	541	<1
K269360		41	<20	0.13	<10	<10	52	<10	79	<1
K269361		42	<20	0.14	<10	<10	53	<10	55	<1
K269362		41	<20	0.12	<10	<10	52	<10	39	<1
K269363		46	<20	0.10	<10	<10	52	<10	150	<1
K269364		58	<20	0.05	<10	<10	50	<10	204	1
K269365		53	<20	0.06	<10	<10	47	<10	78	<1
K269366		12	<20	<0.01	<10	<10	7	<10	2230	30
K269367		65	<20	0.11	<10	<10	56	<10	44	<1
K269368		78	<20	<0.01	<10	<10	21	<10	1320	4
K269369		51	<20	<0.01	<10	<10	2	<10	31	<1
K269370		54	<20	0.07	<10	<10	47	<10	96	1
K269371		40	<20	0.07	<10	<10	48	<10	1150	<1
K269372		38	<20	0.12	<10	<10	50	<10	44	<1
K269373		77	<20	0.05	<10	<10	305	<10	7480	32
K269374		39	<20	0.11	<10	<10	53	<10	47	1
K269375		39	<20	0.11	<10	<10	52	<10	64	<1
K269376		38	<20	0.13	<10	<10	51	<10	70	<1
K269377		47	<20	0.09	<10	<10	53	<10	50	<1
K269378		81	<20	0.05	<10	<10	45	<10	36	1
K269379		77	<20	<0.01	<10	<10	18	<10	1810	3
K269380		56	<20	0.07	<10	<10	51	<10	59	1
K269381		45	<20	0.09	<10	<10	55	<10	61	<1

***** See Appendix Page for comments regarding this certificate *****

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11188838

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11188854

Project: Klaza- DDH- 43

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11188854

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K973819		5.71	<0.005	0.5	1.62	6	<10	100	0.6	<2	1.56	<0.5	6	8	17	3.54
K973820		10.81	0.011	0.8	1.51	20	<10	180	0.7	<2	2.15	0.5	5	6	49	3.12
K973821		12.30	0.010	0.6	0.70	19	<10	460	0.5	<2	1.27	2.7	2	4	6	2.89
K973822		6.82	0.025	0.3	0.71	14	<10	370	0.6	<2	1.66	0.8	5	3	3	3.06
K973823		4.83	0.142	2.2	0.46	59	<10	60	0.5	2	1.18	0.8	129	4	71	5.77
K973824		2.35	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	18.4	<0.5	3	<1	1	0.46
K973825		10.91	0.010	<0.2	0.04	<2	<10	<10	<0.5	<2	17.6	<0.5	2	<1	1	0.44
K973826		7.38	0.012	1.4	0.88	19	<10	230	<0.5	<2	1.99	2.2	3	8	2	2.73
K973827		6.53	<0.005	0.3	1.06	6	<10	240	<0.5	<2	1.56	1.0	4	8	5	2.69
K973828		3.21	<0.005	0.4	1.04	4	<10	280	<0.5	<2	1.50	1.1	4	8	7	2.72
K973829		12.18	<0.005	0.5	1.14	4	<10	190	<0.5	<2	1.48	2.1	4	12	10	2.77
K973830		12.90	<0.005	0.2	1.14	5	<10	160	<0.5	2	1.31	0.7	4	11	6	2.62
K973831		6.47	0.052	0.6	0.92	29	<10	460	<0.5	<2	1.80	6.7	4	9	8	2.71
K973832		8.22	0.006	0.5	0.95	8	<10	170	<0.5	<2	1.91	1.2	4	7	2	2.66
K973833		5.16	0.019	1.1	0.70	17	<10	1400	0.5	<2	2.52	6.1	2	5	6	3.02
K973834		4.74	0.014	<0.2	1.08	4	<10	180	<0.5	<2	1.46	0.6	5	9	2	2.75
K973835		12.20	0.010	0.6	1.04	6	<10	240	<0.5	<2	1.65	4.5	4	9	10	2.85
K973836		0.11	1.570	31.9	4.90	145	<10	50	<0.5	3	4.44	31.5	82	55	7010	8.14
K973837		6.90	<0.005	<0.2	0.98	3	<10	170	0.6	<2	1.43	0.5	5	8	23	2.57
K973838		4.24	0.033	1.9	0.67	22	<10	1450	0.7	<2	3.39	2.9	6	4	8	2.82
K973839		8.30	<0.005	1.2	0.80	6	<10	420	0.6	<2	1.83	21.1	6	5	14	2.95
K973840		8.93	<0.005	0.2	0.68	10	<10	410	0.6	<2	1.52	1.3	5	5	3	2.72
K973841		11.31	0.012	0.9	0.68	29	<10	540	0.7	<2	2.18	3.0	5	5	10	3.05
K973842		4.53	0.018	2.2	0.45	38	<10	680	<0.5	<2	2.55	21.5	3	3	17	2.74
K973843		2.44	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.1	<0.5	1	1	2	0.47
K973844		6.79	<0.005	<0.2	0.78	7	<10	240	<0.5	<2	1.71	<0.5	3	7	2	2.56
K973845		12.13	<0.005	<0.2	0.95	6	<10	200	<0.5	<2	1.49	<0.5	4	9	3	2.42
K973846		0.09	1.385	32.4	4.68	145	<10	50	<0.5	4	4.38	30.2	81	55	7180	7.76
K973847		7.20	<0.005	<0.2	0.91	6	<10	200	<0.5	<2	1.79	<0.5	4	8	38	2.38
K973848		8.25	<0.005	0.2	0.52	8	<10	460	<0.5	<2	1.89	1.2	2	4	2	1.67
K973849		5.68	<0.005	<0.2	0.75	8	<10	210	0.5	<2	2.02	<0.5	6	5	2	2.49
K973850		5.24	0.026	1.7	0.53	27	<10	800	0.5	<2	2.63	11.4	11	5	9	2.56
K973851		6.31	<0.005	0.3	0.70	11	<10	330	0.5	<2	2.23	1.6	5	6	4	2.31
K973852		6.85	<0.005	<0.2	0.94	8	<10	330	0.6	<2	2.00	<0.5	5	10	4	2.62
K973853		9.13	0.008	0.2	0.55	30	<10	1120	0.7	<2	3.37	<0.5	5	4	3	2.78
K973854		3.94	0.067	3.1	0.60	151	<10	130	0.9	<2	2.29	12.8	6	4	43	3.49

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11188854

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973819		10	<1	0.15	30	0.58	607	<1	<0.01	4	660	25	0.01	2	6	35
K973820		<10	<1	0.19	30	0.47	646	<1	0.01	1	650	44	0.06	4	7	58
K973821		<10	<1	0.25	20	0.32	1105	1	<0.01	<1	590	179	0.14	<2	5	31
K973822		<10	<1	0.24	30	0.30	1410	<1	<0.01	1	540	82	0.23	<2	5	42
K973823		<10	<1	0.15	10	0.15	1755	10	<0.01	8	210	70	1.97	4	3	26
K973824		<10	<1	0.01	<10	11.70	215	<1	<0.01	<1	170	3	0.02	<2	<1	45
K973825		<10	<1	0.01	<10	11.20	205	<1	<0.01	<1	160	3	0.02	<2	<1	43
K973826		<10	<1	0.22	20	0.56	1005	<1	0.03	<1	590	478	0.13	<2	6	72
K973827		<10	<1	0.17	20	0.57	728	<1	0.04	<1	600	56	0.03	<2	7	61
K973828		<10	<1	0.16	20	0.59	729	<1	0.04	1	610	47	0.03	<2	7	58
K973829		<10	<1	0.18	20	0.66	710	<1	0.06	1	590	77	0.02	<2	6	59
K973830		10	<1	0.15	20	0.68	572	<1	0.07	1	590	55	0.01	<2	6	55
K973831		<10	<1	0.21	20	0.57	1055	<1	0.04	1	570	124	0.27	<2	5	67
K973832		<10	<1	0.20	20	0.64	921	<1	0.04	1	580	85	0.08	<2	6	72
K973833		<10	<1	0.26	20	0.63	1570	<1	0.01	1	570	169	0.25	<2	4	83
K973834		<10	<1	0.17	20	0.68	637	<1	0.06	1	620	29	0.03	<2	7	65
K973835		<10	<1	0.25	20	0.66	961	<1	0.06	<1	600	128	0.10	<2	6	86
K973836		10	<1	0.23	10	1.11	608	46	0.31	306	650	8230	7.16	28	4	80
K973837		<10	<1	0.22	20	0.61	717	<1	0.05	1	580	42	0.03	<2	6	63
K973838		<10	<1	0.28	20	0.80	1505	<1	0.01	<1	540	831	0.23	3	7	104
K973839		<10	<1	0.22	20	0.62	1095	<1	0.01	<1	570	289	0.19	2	8	76
K973840		<10	<1	0.16	20	0.53	1040	<1	<0.01	1	550	69	0.18	<2	9	51
K973841		<10	<1	0.27	20	0.70	1800	<1	0.03	4	600	183	0.28	3	6	76
K973842		<10	<1	0.29	20	0.76	3950	<1	0.02	1	500	799	0.46	3	3	52
K973843		<10	<1	0.03	<10	12.10	229	<1	0.01	<1	170	3	0.02	<2	<1	45
K973844		<10	<1	0.17	20	0.66	664	<1	0.05	1	580	14	0.05	<2	7	67
K973845		<10	<1	0.17	20	0.66	519	<1	0.08	<1	560	9	0.02	<2	5	62
K973846		<10	<1	0.22	10	1.08	600	44	0.29	291	640	7790	7.28	30	4	72
K973847		<10	<1	0.18	20	0.61	676	<1	0.07	2	560	17	0.04	<2	5	69
K973848		<10	<1	0.28	10	0.54	1415	1	0.02	1	590	67	0.06	2	3	47
K973849		<10	<1	0.20	20	0.52	773	<1	0.03	1	580	13	0.11	2	6	67
K973850		<10	<1	0.32	10	0.76	2740	1	0.02	1	470	660	0.46	2	3	74
K973851		<10	<1	0.21	20	0.64	894	<1	0.03	<1	520	137	0.10	<2	6	90
K973852		<10	<1	0.20	20	0.62	625	1	0.05	1	580	13	0.05	<2	7	81
K973853		<10	<1	0.26	20	1.16	1220	1	0.02	<1	540	20	0.38	2	7	95
K973854		<10	<1	0.33	10	0.75	2210	1	0.02	1	540	492	1.87	6	5	75

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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11188854

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973819		20	<0.01	<10	<10	44	<10	63	<1
K973820		20	<0.01	<10	<10	39	<10	66	<1
K973821		<20	<0.01	<10	<10	24	<10	284	<1
K973822		<20	<0.01	<10	<10	24	<10	117	<1
K973823		<20	<0.01	<10	<10	34	<10	124	1
K973824		<20	<0.01	<10	<10	1	<10	14	<1
K973825		<20	<0.01	<10	<10	1	<10	14	<1
K973826		<20	0.01	<10	<10	37	<10	186	<1
K973827		<20	0.02	<10	<10	45	<10	99	<1
K973828		<20	0.03	<10	<10	46	<10	102	<1
K973829		<20	0.04	<10	<10	48	<10	191	<1
K973830		<20	0.05	<10	<10	50	<10	68	<1
K973831		<20	0.02	<10	<10	38	<10	544	<1
K973832		<20	0.01	<10	<10	39	<10	119	<1
K973833		<20	<0.01	<10	<10	26	<10	455	2
K973834		<20	0.03	<10	<10	48	<10	66	2
K973835		<20	0.02	<10	<10	43	<10	371	1
K973836		<20	0.05	<10	<10	304	10	7600	32
K973837		<20	0.03	<10	<10	43	<10	82	<1
K973838		<20	<0.01	<10	<10	31	<10	344	2
K973839		<20	0.01	<10	<10	37	10	1430	1
K973840		<20	<0.01	<10	<10	36	<10	110	1
K973841		<20	0.01	<10	<10	30	<10	227	<1
K973842		<20	<0.01	<10	<10	10	<10	1505	2
K973843		<20	<0.01	<10	<10	2	<10	23	<1
K973844		<20	0.02	<10	<10	39	<10	42	<1
K973845		<20	0.04	<10	<10	43	<10	32	<1
K973846		<20	0.05	<10	<10	305	<10	7310	28
K973847		<20	0.03	<10	<10	41	<10	80	<1
K973848		<20	<0.01	<10	<10	19	<10	134	<1
K973849		<20	0.01	<10	<10	32	<10	56	<1
K973850		<20	<0.01	<10	<10	13	<10	803	3
K973851		<20	<0.01	<10	<10	29	<10	164	<1
K973852		<20	0.01	<10	<10	36	<10	43	<1
K973853		<20	<0.01	<10	<10	26	<10	47	<1
K973854		<20	<0.01	<10	<10	18	<10	1170	2

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11188856

Project: Klaza DDH- 46

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11188856

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K974007		8.31	0.011		0.3	0.70	47	<10	730	0.8	<2	2.73	0.7	7	5	8
K974008		5.52	0.092		2.5	0.50	63	<10	80	<0.5	4	1.23	7.9	10	9	17
K974009		5.15	0.038		2.3	0.56	50	<10	120	<0.5	<2	1.77	13.5	8	7	9
K974010		3.97	>10.0	11.95	>100	0.46	3430	<10	20	<0.5	270	0.34	68.6	15	4	2130
K974011		2.63	<0.005		0.3	0.06	6	<10	30	<0.5	<2	20.7	<0.5	1	4	2
K974012		6.74	0.016		0.9	0.44	20	<10	130	<0.5	<2	2.31	2.3	6	5	4
K974013		6.30	0.031		1.6	0.51	35	<10	70	<0.5	<2	1.66	8.0	10	6	30
K974014		3.47	0.035		3.4	0.64	38	<10	40	<0.5	4	2.06	29.0	7	6	33
K974015		10.24	0.017		2.3	0.59	11	<10	60	0.5	2	2.19	11.0	8	7	11
K974016		5.57	0.029		1.8	0.56	56	<10	130	0.6	<2	1.66	14.0	7	6	64
K974017		0.18	3.48		>100	0.18	>10000	<10	20	<0.5	<2	0.40	345	1	10	1715
K974018		10.07	<0.005		<0.2	1.07	6	<10	430	<0.5	<2	1.53	0.8	6	12	10
K974019		7.35	0.083		1.3	0.77	291	<10	110	0.8	<2	2.31	11.6	6	8	14
K974020		7.24	0.005		0.4	0.67	14	<10	150	0.7	<2	1.81	<0.5	7	7	8
K974021		5.26	<0.005		0.2	0.59	13	<10	110	0.6	<2	1.88	<0.5	7	7	4
K974022		5.86	0.008		0.4	0.72	11	<10	70	0.7	<2	1.84	2.3	7	6	8
K974023		6.57	0.940		53.6	0.53	283	<10	20	<0.5	22	1.03	279	8	7	745
K974024		2.67	<0.005		<0.2	0.05	7	<10	40	<0.5	<2	20.8	<0.5	<1	1	5
K974025		4.63	0.036		0.4	0.87	21	<10	110	0.5	<2	1.65	1.8	7	9	7
K974026		5.32	<0.005		0.2	0.83	2	<10	80	0.6	<2	2.17	<0.5	6	7	4
K974027		13.58	<0.005		<0.2	1.22	6	<10	370	<0.5	<2	1.28	<0.5	6	12	9
K974028		0.17	3.14		>100	0.18	>10000	<10	20	<0.5	<2	0.40	340	1	10	1705
K974029		12.37	0.006		<0.2	1.18	8	<10	180	<0.5	<2	0.96	0.8	8	12	4
K974030		5.26	<0.005		0.2	1.22	16	<10	290	<0.5	<2	1.11	<0.5	5	12	3
K974031		9.36	0.008		0.3	0.77	14	<10	50	<0.5	<2	2.09	0.8	8	11	6
K974032		3.40	0.038		0.5	0.61	75	<10	150	0.6	<2	2.21	1.1	7	7	8
K974033		6.14	0.005		<0.2	0.76	14	<10	170	0.6	<2	2.51	<0.5	5	7	4
K974034		9.46	0.008		0.2	1.03	10	<10	120	<0.5	<2	1.84	1.4	6	10	7
K974035		3.88	0.007		0.3	0.88	8	<10	120	<0.5	<2	1.85	1.1	6	10	7
K974036		7.53	0.005		<0.2	1.19	4	<10	300	<0.5	<2	1.55	<0.5	5	11	16
K974037		7.22	0.015		0.7	0.68	23	<10	60	0.6	<2	2.39	0.8	9	7	12
K974038		12.84	0.006		0.3	1.51	6	<10	110	0.5	<2	1.37	<0.5	7	11	6
K974039		5.91	0.008		0.4	1.13	9	<10	40	0.5	<2	1.86	3.0	9	8	25
K974040		6.15	<0.005		0.3	0.75	4	<10	130	0.6	<2	2.10	0.5	6	7	9
K974041		3.69	0.065		1.1	0.53	57	<10	40	0.5	<2	1.40	5.6	8	6	18
K974042		7.25	0.006		0.4	0.81	12	<10	110	0.7	<2	2.04	0.8	7	5	21

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CERTIFICATE OF ANALYSIS WH11188856

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K974007		2.34	<10	1	0.31	10	0.87	652	1	0.02	3	590	15	0.26	<2	4
K974008		4.31	<10	1	0.31	10	0.40	948	1	0.02	2	390	148	4.01	2	2
K974009		3.45	<10	<1	0.40	10	0.49	1450	<1	0.02	1	640	409	2.97	<2	3
K974010		19.9	<10	1	0.33	<10	0.11	575	1	0.02	<1	290	1615	>10.0	87	1
K974011		0.58	<10	<1	0.03	<10	12.80	251	<1	0.03	2	200	5	0.20	<2	<1
K974012		2.79	<10	<1	0.33	10	0.97	839	<1	0.03	1	470	145	2.73	2	2
K974013		3.70	<10	<1	0.37	10	0.49	937	<1	0.02	1	530	327	3.31	2	2
K974014		3.84	<10	1	0.37	10	0.62	929	<1	0.02	1	520	571	3.43	<2	3
K974015		3.48	<10	1	0.37	10	0.60	996	<1	0.03	1	580	658	3.09	<2	3
K974016		2.85	<10	1	0.30	20	0.48	825	<1	0.02	2	560	123	1.49	4	5
K974017		14.3	<10	2	0.07	<10	0.17	1530	1	0.02	11	150	>10000	>10.0	612	1
K974018		2.69	<10	<1	0.17	20	0.67	491	1	0.09	2	570	15	0.60	<2	5
K974019		3.18	<10	<1	0.37	20	0.59	1305	<1	0.02	2	550	254	1.70	<2	5
K974020		2.53	<10	1	0.31	20	0.58	601	<1	0.02	2	550	17	1.04	<2	6
K974021		2.72	<10	<1	0.28	20	0.63	637	1	0.02	1	530	22	1.43	<2	5
K974022		2.78	<10	1	0.29	10	0.55	1125	<1	0.02	1	510	43	1.52	2	5
K974023		6.07	<10	2	0.38	<10	0.34	2670	4	0.02	<1	440	592	7.36	108	1
K974024		0.49	<10	1	0.03	<10	12.85	239	<1	0.03	<1	210	4	0.09	<2	<1
K974025		2.75	<10	<1	0.29	20	0.62	879	2	0.06	1	530	30	1.15	<2	5
K974026		2.64	<10	<1	0.24	20	0.69	617	1	0.04	1	540	10	1.12	<2	5
K974027		2.80	<10	<1	0.18	20	0.71	604	1	0.10	1	600	11	0.71	<2	5
K974028		13.40	<10	2	0.07	<10	0.17	1510	1	0.02	11	150	>10000	>10.0	601	1
K974029		2.98	<10	1	0.14	10	0.83	492	1	0.08	2	580	15	1.47	<2	4
K974030		2.55	10	1	0.14	20	0.75	515	<1	0.10	2	590	18	0.68	<2	5
K974031		3.17	<10	<1	0.27	20	0.68	620	<1	0.05	2	570	58	2.47	<2	4
K974032		2.51	<10	1	0.33	20	0.61	1055	1	0.02	5	530	42	1.65	2	5
K974033		2.30	<10	1	0.30	20	0.60	790	<1	0.03	2	550	12	1.01	<2	4
K974034		2.69	<10	1	0.25	20	0.64	572	<1	0.09	2	580	27	1.00	<2	5
K974035		2.64	<10	1	0.21	20	0.61	555	<1	0.07	2	570	28	1.02	<2	5
K974036		2.67	<10	1	0.19	20	0.70	514	<1	0.09	2	580	8	0.68	3	5
K974037		3.12	<10	<1	0.30	10	0.57	1325	<1	0.02	2	550	88	1.91	3	4
K974038		3.22	10	<1	0.20	20	0.89	623	<1	0.06	1	620	49	1.17	<2	6
K974039		3.30	<10	1	0.19	20	0.64	569	<1	0.05	2	580	138	2.30	5	5
K974040		2.40	<10	<1	0.25	20	0.40	726	1	0.02	2	570	37	1.53	<2	5
K974041		3.77	<10	<1	0.29	10	0.36	1735	2	0.02	1	480	264	2.95	5	3
K974042		2.92	<10	<1	0.24	10	0.60	762	1	0.02	2	550	37	1.40	8	7

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11188856

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K974007		182	<20	<0.01	<10	<10	27	<10	94	1		
K974008		34	<20	<0.01	<10	<10	15	<10	678	3		
K974009		37	<20	<0.01	<10	<10	8	<10	1060	2		
K974010		10	<20	<0.01	<10	<10	5	<10	5940	151		
K974011		51	<20	<0.01	<10	10	2	<10	33	1		
K974012		41	<20	<0.01	<10	<10	6	<10	202	1		
K974013		57	<20	<0.01	<10	<10	9	<10	602	2		
K974014		77	<20	<0.01	<10	<10	12	<10	1955	3		
K974015		88	<20	<0.01	<10	<10	11	<10	1220	3		
K974016		105	<20	<0.01	<10	<10	21	<10	1365	2		
K974017		21	<20	<0.01	<10	<10	7	140	>10000	472	3.48	3.90
K974018		81	<20	0.05	<10	<10	45	<10	45	1		
K974019		126	<20	<0.01	<10	<10	19	<10	870	2		
K974020		125	<20	<0.01	<10	<10	23	<10	32	1		
K974021		117	<20	<0.01	<10	<10	20	<10	24	<1		
K974022		105	<20	<0.01	<10	<10	19	<10	233	<1		
K974023		44	<20	<0.01	<10	<10	5	<10	>10000	53		1.795
K974024		50	<20	<0.01	<10	10	2	<10	52	1		
K974025		2300	20	<0.01	<10	<10	30	<10	148	3		
K974026		421	<20	<0.01	<10	<10	27	<10	41	1		
K974027		1870	20	0.07	<10	<10	48	<10	46	3		
K974028		23	<20	<0.01	<10	<10	7	150	>10000	429	3.11	3.48
K974029		475	<20	0.08	<10	<10	46	<10	41	1		
K974030		1390	20	0.06	<10	<10	47	<10	45	2		
K974031		1010	20	<0.01	<10	<10	21	<10	100	2		
K974032		155	<20	<0.01	<10	<10	12	<10	120	1		
K974033		153	<20	<0.01	<10	<10	23	<10	43	<1		
K974034		361	20	0.01	<10	<10	36	<10	145	<1		
K974035		306	20	0.01	<10	<10	33	<10	123	<1		
K974036		147	<20	0.01	<10	<10	40	<10	37	1		
K974037		118	<20	<0.01	<10	<10	15	<10	94	<1		
K974038		179	<20	0.01	<10	<10	41	<10	75	2		
K974039		138	<20	0.01	<10	<10	32	<10	212	<1		
K974040		97	<20	<0.01	<10	<10	19	<10	65	<1		
K974041		77	<20	<0.01	<10	<10	9	<10	431	<1		
K974042		144	<20	<0.01	<10	<10	26	<10	90	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11188857

Project: Klaza- DDH- 47

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 47

CERTIFICATE OF ANALYSIS WH11188857

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K974190		12.46	<0.005	0.4	1.29	11	<10	490	0.6	<2	1.83	5.4	8	9	27	2.93
K974191		8.81	<0.005	0.6	0.83	10	<10	1490	0.7	<2	1.77	2.5	7	7	12	2.76
K974192		6.59	0.015	0.5	0.84	7	<10	600	0.7	<2	1.69	1.8	17	6	8	3.02
K974193		8.93	<0.005	0.2	0.82	11	<10	930	0.7	<2	1.57	2.7	6	5	5	2.90
K974194		7.21	0.038	0.7	0.79	52	<10	450	0.7	<2	1.70	1.7	7	5	14	2.98
K974195		2.97	2.79	53.8	0.47	3250	<10	20	<0.5	12	1.89	113.5	8	5	309	4.52
K974196		2.05	<0.005	0.3	0.06	19	<10	30	<0.5	<2	18.3	<0.5	1	2	4	0.45
K974197		6.80	0.046	2.3	0.91	96	<10	960	0.6	<2	2.05	4.5	6	7	24	2.84
K974198		7.73	<0.005	<0.2	1.04	2	<10	180	<0.5	<2	1.34	<0.5	6	10	22	2.59
K974199		9.52	0.006	0.3	1.05	7	<10	390	<0.5	<2	1.53	0.8	5	10	10	2.92
K974200		9.60	<0.005	0.3	0.94	6	<10	180	0.6	<2	1.95	1.0	5	7	21	2.61
K972901		5.16	0.333	1.6	0.60	837	<10	620	0.9	<2	3.82	6.3	5	5	53	2.76
K972902		4.61	1.855	8.3	0.52	5060	<10	60	0.7	2	2.05	34.8	6	4	117	3.68
K972903		2.34	<0.005	<0.2	0.05	31	<10	10	<0.5	<2	20.1	<0.5	1	1	2	0.49
K972904		5.75	0.008	0.5	0.96	25	<10	1250	0.7	<2	1.71	2.8	6	6	15	2.49
K972905		8.81	0.026	0.3	0.79	89	<10	390	0.8	<2	2.38	1.9	6	6	15	2.81
K972906		3.75	0.138	1.1	0.86	156	<10	100	0.7	2	2.04	7.4	10	6	19	3.46
K972907		7.72	0.120	2.9	0.65	176	<10	100	0.6	<2	2.58	24.7	9	5	28	4.02
K972908		7.20	0.283	5.6	0.69	451	<10	20	0.6	3	2.05	55.1	8	5	45	4.23
K972909		6.90	<0.005	0.2	1.35	12	<10	310	0.8	<2	2.42	2.6	8	6	6	2.82
K972910		5.35	0.358	1.6	0.62	1390	<10	60	0.6	<2	3.31	4.0	6	4	12	3.66
K972911		6.18	0.027	0.4	0.94	106	<10	620	0.6	<2	4.01	2.6	5	4	8	2.51
K972912		11.42	<0.005	<0.2	1.60	9	<10	580	0.7	<2	2.13	0.5	5	8	5	2.83
K972913		10.91	<0.005	0.2	1.34	5	<10	190	0.5	<2	1.80	<0.5	6	8	13	2.80
K972914		12.76	<0.005	0.5	1.20	9	<10	320	<0.5	<2	2.14	<0.5	5	9	119	2.57
K972915		0.10	1.420	30.6	4.78	147	<10	30	<0.5	4	4.34	31.9	84	56	7050	7.96
K972916		11.91	<0.005	0.6	0.92	16	<10	400	0.6	<2	2.12	0.5	9	6	83	2.70
K972917		5.15	<0.005	0.4	0.77	20	<10	240	1.1	<2	2.26	<0.5	5	4	19	2.07
K972918		4.61	0.009	0.8	0.60	185	<10	620	0.8	<2	2.31	1.2	6	3	21	2.72
K972919		4.66	0.095	3.3	0.49	346	<10	70	0.7	<2	2.75	25.7	6	3	47	3.13
K972920		9.73	0.052	2.2	0.53	102	<10	260	0.7	<2	2.41	12.2	5	3	62	2.85
K972921		5.92	0.097	2.4	0.54	90	<10	40	0.7	<2	2.75	8.8	10	2	25	3.25
K972922		3.32	0.055	1.1	0.47	62	<10	20	0.6	<2	2.09	5.9	10	2	21	3.16
K972923		4.74	1.130	5.4	0.48	612	<10	30	<0.5	5	1.68	87.9	12	3	128	4.99
K972924		0.15	3.35	>100	0.18	>10000	<10	10	<0.5	3	0.41	324	1	9	1555	13.10
K972925		7.14	0.184	3.6	0.58	572	<10	170	0.8	2	2.39	60.2	4	3	66	3.95

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CERTIFICATE OF ANALYSIS WH11188857

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K974190		<10	<1	0.20	20	0.66	563	3	0.09	1	600	108	0.11	5	7	67
K974191		<10	<1	0.19	10	0.50	742	5	0.04	1	560	50	0.18	6	9	67
K974192		<10	<1	0.25	20	0.46	722	9	0.04	3	580	36	0.61	3	7	57
K974193		<10	<1	0.25	20	0.53	944	2	0.04	2	540	19	0.29	2	8	52
K974194		<10	<1	0.31	20	0.57	1130	2	0.03	2	550	100	0.57	4	6	56
K974195		<10	1	0.32	10	0.66	3560	5	0.02	1	410	>10000	3.55	94	3	38
K974196		<10	<1	0.04	<10	11.35	218	<1	0.02	2	170	28	0.03	<2	<1	43
K974197		<10	<1	0.23	20	0.60	866	2	0.07	1	590	958	0.28	6	7	85
K974198		<10	<1	0.16	20	0.70	447	1	0.11	2	590	12	0.06	2	5	55
K974199		<10	<1	0.21	20	0.66	706	3	0.09	1	590	76	0.17	<2	5	65
K974200		<10	<1	0.17	20	0.49	623	2	0.04	1	620	57	0.07	2	8	69
K972901		<10	<1	0.27	20	1.33	1195	1	0.04	1	520	275	0.44	11	7	94
K972902		<10	1	0.33	20	0.58	1735	8	0.02	1	500	1960	2.35	46	5	40
K972903		<10	<1	0.03	<10	12.55	225	<1	0.03	2	190	4	0.03	<2	<1	48
K972904		<10	1	0.26	30	0.47	740	1	0.05	<1	600	157	0.24	5	8	56
K972905		<10	<1	0.34	20	0.66	1105	2	0.04	<1	560	97	0.84	7	5	69
K972906		<10	<1	0.35	20	0.60	1060	1	0.03	1	550	189	1.75	5	5	62
K972907		<10	<1	0.43	20	0.77	1810	3	0.02	1	500	1010	2.36	9	4	51
K972908		<10	1	0.45	20	0.62	1690	13	0.02	1	480	1730	3.09	16	4	42
K972909		<10	<1	0.28	20	0.56	584	1	0.04	2	630	25	0.57	3	7	67
K972910		<10	<1	0.37	20	0.74	2590	2	0.02	1	490	298	1.75	14	5	74
K972911		<10	<1	0.26	20	0.58	808	1	0.03	1	620	51	0.56	2	5	117
K972912		10	<1	0.18	20	0.73	674	1	0.08	1	610	12	0.14	<2	6	121
K972913		10	<1	0.17	20	0.77	536	1	0.07	1	610	10	0.23	<2	6	66
K972914		<10	<1	0.24	20	0.61	647	<1	0.07	1	570	9	0.36	<2	5	66
K972915		10	1	0.23	10	1.12	609	48	0.35	308	670	8220	7.24	28	4	76
K972916		<10	<1	0.23	30	0.58	764	<1	0.03	3	660	36	0.66	6	7	59
K972917		<10	<1	0.28	10	0.74	575	<1	0.03	1	770	16	0.15	7	4	260
K972918		<10	<1	0.23	20	0.78	1010	4	0.03	1	600	89	0.57	5	7	119
K972919		<10	<1	0.29	10	0.86	1465	4	0.02	1	480	1090	1.93	9	4	82
K972920		<10	<1	0.29	20	0.71	1335	2	0.03	1	560	313	0.92	9	5	97
K972921		<10	<1	0.33	20	0.76	1220	18	0.02	1	540	501	2.38	5	4	111
K972922		<10	<1	0.29	20	0.54	1090	3	0.02	1	360	125	2.71	4	3	94
K972923		<10	<1	0.37	10	0.55	1345	4	0.02	1	640	492	4.00	6	3	60
K972924		<10	1	0.07	<10	0.17	1430	<1	0.02	10	130	>10000	>10.0	558	1	20
K972925		<10	<1	0.35	20	0.71	1995	1	0.03	1	540	625	1.34	5	4	118

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 47

CERTIFICATE OF ANALYSIS WH11188857

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K974190		<20	0.01	<10	<10	48	<10	502	<1		
K974191		<20	<0.01	<10	<10	40	<10	261	<1		
K974192		<20	<0.01	<10	<10	37	<10	227	<1		
K974193		<20	<0.01	<10	<10	34	<10	233	<1		
K974194		<20	<0.01	<10	<10	25	<10	218	1		
K974195		<20	<0.01	<10	10	10	<10	7060	52	1.780	
K974196		<20	<0.01	<10	10	3	<10	69	<1		
K974197		<20	0.01	<10	<10	39	<10	365	5		
K974198		<20	0.07	<10	<10	51	<10	51	<1		
K974199		<20	0.03	<10	<10	45	<10	95	<1		
K974200		20	0.01	<10	<10	41	<10	97	2		
K972901		<20	<0.01	<10	<10	29	<10	480	2		
K972902		<20	<0.01	<10	<10	13	<10	2460	8		
K972903		<20	<0.01	<10	<10	3	<10	30	<1		
K972904		<20	0.01	<10	<10	38	<10	266	1		
K972905		<20	<0.01	<10	<10	22	<10	237	1		
K972906		<20	<0.01	<10	<10	26	<10	613	1		
K972907		<20	<0.01	<10	<10	13	<10	1740	2		
K972908		<20	<0.01	<10	<10	13	<10	3590	6		
K972909		<20	<0.01	<10	<10	33	<10	493	<1		
K972910		<20	<0.01	<10	<10	17	<10	399	<1		
K972911		<20	<0.01	<10	<10	28	<10	337	<1		
K972912		<20	0.03	<10	<10	48	<10	84	<1		
K972913		<20	0.02	<10	<10	49	<10	49	1		
K972914		<20	0.01	<10	<10	40	<10	51	<1		
K972915		<20	0.06	<10	10	313	10	7430	30		
K972916		20	<0.01	<10	<10	33	<10	123	1		
K972917		<20	<0.01	<10	<10	18	<10	69	<1		
K972918		<20	<0.01	<10	<10	20	<10	161	<1		
K972919		<20	<0.01	<10	<10	11	<10	2050	2		
K972920		<20	<0.01	<10	<10	15	<10	986	1		
K972921		<20	<0.01	<10	<10	12	<10	667	1		
K972922		20	<0.01	<10	<10	7	<10	453	<1		
K972923		<20	<0.01	<10	<10	9	<10	5380	5		
K972924		<20	<0.01	<10	<10	7	150	>10000	443	3.12	3.55
K972925		<20	<0.01	<10	<10	12	<10	3950	2		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11188858

Project: Klaza- DDH- 63

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 63

CERTIFICATE OF ANALYSIS WH11188858

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K973855		6.20	6.29	>100	0.41	6250	<10	20	0.9	13	4.35	536	3	3	774	5.18
K973856		4.04	0.142	2.0	0.61	64	<10	740	1.4	<2	0.72	11.8	1	1	13	0.75
K973857		12.13	0.006	0.6	0.49	18	<10	340	1.0	<2	0.69	0.7	<1	1	1	0.40
K973858		7.10	0.055	1.0	0.53	21	<10	70	1.0	2	0.75	2.6	<1	1	3	0.67
K973859		4.47	0.231	3.0	0.69	222	<10	240	0.9	<2	1.63	17.7	3	3	11	3.02
K973860		2.33	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	20.3	<0.5	1	2	1	0.47
K973861		7.71	<0.005	0.2	1.15	9	<10	560	0.7	<2	2.73	1.2	4	5	2	2.52
K973862		2.91	0.060	7.0	0.79	34	<10	550	0.7	<2	2.78	21.4	5	4	50	3.59
K973863		12.73	0.023	1.8	1.21	12	<10	250	0.5	<2	1.85	8.4	5	9	9	2.77
K973864		12.35	0.005	0.8	1.18	7	<10	230	<0.5	<2	1.63	8.6	5	9	9	2.82
K973865		0.06	1.485	33.4	5.01	152	<10	30	<0.5	<2	4.80	33.4	86	59	7460	8.76
K973866		10.92	0.005	1.5	1.25	8	<10	150	0.5	<2	1.69	1.4	6	11	40	2.77
K973867		14.55	<0.005	0.2	1.16	4	<10	160	<0.5	<2	1.39	1.5	5	12	5	2.62
K973868		13.09	<0.005	1.0	1.10	7	<10	230	<0.5	<2	1.61	6.7	4	10	12	2.60
K973869		14.13	0.009	0.7	0.86	12	<10	300	<0.5	<2	1.83	3.6	4	8	4	2.76
K973870		11.22	<0.005	0.2	1.16	6	<10	190	<0.5	<2	1.48	2.6	5	9	4	2.64
K973871		6.30	<0.005	<0.2	1.18	5	<10	160	<0.5	<2	1.14	<0.5	4	9	3	2.44
K973872		6.00	0.018	0.6	0.75	53	<10	330	0.5	<2	3.06	2.5	7	7	3	2.66
K973873		4.14	0.078	7.7	0.62	58	<10	370	0.6	<2	2.82	40.5	5	4	30	3.28
K973874		0.11	1.375	32.8	4.85	151	<10	50	<0.5	9	4.55	31.4	83	57	7280	8.08
K973875		12.58	<0.005	0.2	1.24	3	<10	130	<0.5	<2	1.57	<0.5	5	10	24	2.55
K973876		8.14	0.015	1.0	1.12	16	<10	430	<0.5	<2	2.52	8.8	13	7	8	2.82
K973877		14.50	0.007	0.4	1.25	8	<10	260	<0.5	<2	1.59	2.4	6	9	16	3.01
K973878		6.06	<0.005	0.6	1.04	9	<10	130	0.5	<2	1.67	5.4	7	8	12	2.92
K973879		2.59	<0.005	0.4	1.00	8	<10	110	0.5	<2	1.46	3.1	6	7	8	2.76
K973880		4.23	<0.005	1.2	0.58	27	<10	480	0.7	<2	2.39	8.0	7	4	11	2.82
K973881		3.82	<0.005	<0.2	0.72	8	<10	540	0.6	<2	2.19	<0.5	6	5	4	2.70
K973882		4.14	<0.005	<0.2	0.73	7	<10	360	0.6	<2	1.27	<0.5	6	6	3	2.67
K973883		2.33	<0.005	<0.2	0.12	<2	<10	30	<0.5	<2	18.7	<0.5	1	5	1	0.46
K973884		8.98	<0.005	<0.2	0.96	4	<10	150	0.5	<2	1.49	<0.5	6	8	3	2.61
K973885		8.03	0.008	<0.2	0.98	41	<10	190	<0.5	<2	1.42	<0.5	6	9	3	2.41
K973886		3.41	0.040	9.0	0.71	34	<10	210	<0.5	<2	1.75	27.5	7	7	33	2.64
K973887		11.21	0.013	1.9	0.89	18	<10	260	<0.5	<2	1.73	5.6	6	10	12	2.66
K973888		4.66	1.840	>100	0.47	1290	<10	60	0.6	<2	2.41	128.5	5	4	151	3.66
K973889		4.55	0.016	0.4	0.69	60	<10	380	0.8	<2	1.93	1.6	6	5	5	2.64
K973890		4.52	0.580	10.3	0.53	176	<10	130	0.7	<2	2.24	81.6	6	5	85	3.06

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 63

CERTIFICATE OF ANALYSIS WH11188858

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973855		<10	1	0.27	<10	1.50	3610	2	0.01	1	260	>10000	7.74	283	1	111
K973856		<10	<1	0.25	<10	0.19	639	4	0.02	<1	40	355	0.31	3	2	61
K973857		<10	<1	0.19	<10	0.20	505	1	0.01	<1	10	113	0.07	2	2	49
K973858		<10	<1	0.21	<10	0.20	695	2	0.01	<1	20	273	0.08	3	2	47
K973859		<10	1	0.26	10	0.50	2270	2	0.01	<1	400	864	1.33	6	5	68
K973860		<10	<1	0.04	<10	12.20	230	<1	0.01	1	170	4	0.02	<2	<1	42
K973861		<10	<1	0.26	20	0.64	803	1	0.04	1	540	37	0.10	2	6	111
K973862		<10	<1	0.25	20	0.81	2840	1	0.03	<1	530	1590	0.63	4	6	105
K973863		<10	<1	0.18	20	0.71	740	<1	0.06	1	580	840	0.18	2	6	76
K973864		<10	<1	0.18	20	0.67	717	1	0.08	1	590	140	0.10	2	6	69
K973865		10	<1	0.25	10	1.19	641	49	0.36	329	700	8390	7.54	20	4	79
K973866		<10	<1	0.17	20	0.67	573	1	0.06	2	590	512	0.10	2	5	66
K973867		<10	<1	0.14	20	0.71	526	1	0.07	1	610	36	0.03	<2	5	52
K973868		<10	<1	0.19	20	0.66	636	1	0.08	1	560	192	0.07	<2	5	59
K973869		<10	<1	0.22	20	0.60	1030	1	0.05	1	560	292	0.11	<2	6	68
K973870		10	<1	0.18	20	0.70	573	1	0.09	1	590	50	0.06	<2	5	54
K973871		<10	<1	0.16	20	0.64	401	1	0.09	<1	580	15	0.02	<2	4	43
K973872		<10	<1	0.25	20	0.92	1235	1	0.04	1	560	126	0.26	2	5	97
K973873		<10	<1	0.30	20	0.77	1850	1	0.02	<1	530	2900	1.00	6	5	76
K973874		10	<1	0.23	10	1.12	628	46	0.31	293	660	8120	7.53	27	4	75
K973875		<10	<1	0.16	20	0.69	581	<1	0.07	2	570	42	0.04	2	4	50
K973876		<10	<1	0.28	20	0.63	1060	<1	0.05	<1	510	296	0.37	2	4	67
K973877		10	<1	0.19	20	0.73	903	<1	0.07	9	550	136	0.08	<2	4	51
K973878		<10	<1	0.19	20	0.64	898	<1	0.06	3	610	184	0.15	<2	6	68
K973879		<10	<1	0.17	20	0.63	787	<1	0.06	1	590	131	0.06	<2	5	60
K973880		<10	<1	0.21	30	0.68	974	<1	0.02	2	560	562	0.20	<2	8	88
K973881		<10	<1	0.25	20	0.65	1100	<1	0.03	1	570	9	0.08	<2	7	71
K973882		<10	<1	0.16	30	0.43	684	<1	0.03	<1	610	8	0.02	3	8	43
K973883		<10	1	0.09	<10	11.65	203	<1	0.02	1	210	7	0.01	<2	<1	45
K973884		<10	<1	0.13	20	0.56	474	<1	0.06	2	570	8	0.01	<2	6	53
K973885		<10	<1	0.15	20	0.63	496	<1	0.08	<1	540	13	0.08	<2	5	53
K973886		<10	<1	0.19	20	0.58	905	<1	0.06	<1	540	2920	0.36	3	6	70
K973887		<10	<1	0.20	20	0.62	699	<1	0.07	1	550	712	0.12	<2	6	73
K973888		<10	<1	0.26	10	0.78	1730	<1	0.02	1	470	>10000	2.34	87	5	52
K973889		<10	<1	0.25	20	0.55	751	<1	0.04	1	540	167	0.17	<2	7	81
K973890		<10	<1	0.26	20	0.68	1225	<1	0.02	1	520	1785	0.86	13	7	69

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 63

CERTIFICATE OF ANALYSIS WH11188858

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K973855		<20	<0.01	<10	<10	5	20	>10000	342	6.32	3.43
K973856		<20	<0.01	<10	10	1	<10	935	1		
K973857		20	<0.01	<10	<10	<1	<10	83	<1		
K973858		<20	<0.01	<10	<10	1	<10	212	1		
K973859		<20	<0.01	<10	10	17	<10	1380	4		
K973860		<20	<0.01	<10	<10	2	<10	16	<1		
K973861		<20	0.01	<10	<10	32	<10	186	<1		
K973862		<20	<0.01	<10	<10	26	<10	1580	6		
K973863		<20	0.02	<10	<10	42	<10	596	2		
K973864		<20	0.04	<10	<10	45	<10	586	<1		
K973865		<20	0.06	<10	<10	328	<10	7780	34		
K973866		<20	0.04	<10	<10	47	<10	169	<1		
K973867		<20	0.09	<10	<10	51	<10	124	<1		
K973868		<20	0.05	<10	<10	44	<10	476	1		
K973869		<20	0.02	<10	<10	36	<10	296	1		
K973870		<20	0.09	<10	<10	49	<10	214	<1		
K973871		<20	0.13	<10	<10	50	<10	41	<1		
K973872		<20	0.01	<10	<10	28	<10	195	1		
K973873		<20	<0.01	<10	<10	22	<10	2910	7		
K973874		<20	0.06	<10	<10	312	10	7470	32		
K973875		<20	0.06	<10	<10	47	<10	85	<1		
K973876		<20	0.01	<10	<10	26	<10	634	1		
K973877		20	0.03	<10	<10	40	<10	231	3		
K973878		20	0.04	<10	<10	44	<10	417	1		
K973879		<20	0.04	<10	<10	41	<10	249	1		
K973880		<20	<0.01	<10	<10	29	<10	657	1		
K973881		<20	<0.01	<10	<10	30	<10	46	<1		
K973882		20	0.01	<10	<10	40	<10	36	<1		
K973883		<20	<0.01	<10	<10	4	<10	17	<1		
K973884		<20	0.05	<10	<10	46	<10	32	<1		
K973885		<20	0.05	<10	<10	45	<10	35	<1		
K973886		20	0.01	<10	<10	35	<10	1880	8		
K973887		<20	0.02	<10	<10	38	<10	411	1		
K973888		<20	<0.01	<10	<10	19	<10	8000	111	3.43	
K973889		<20	<0.01	<10	<10	31	<10	138	<1		
K973890		<20	<0.01	<10	<10	27	<10	5490	10		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11189661

Project: Klaza- DDH- 46

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 46

CERTIFICATE OF ANALYSIS WH11189661

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973435		10.18	<0.005	<0.2	1.21	5	<10	190	<0.5	<2	1.49	<0.5	8	10	9	2.87
K973436		12.09	<0.005	0.9	1.20	5	<10	200	<0.5	<2	1.64	<0.5	7	10	10	2.94
K973437		1.64	1.110	62.2	0.52	901	<10	20	0.6	36	2.03	88.4	34	5	368	5.95
K973438		3.14	<0.005	<0.2	0.04	4	<10	20	<0.5	<2	18.5	<0.5	1	<1	1	0.40
K973439		3.77	<0.005	<0.2	1.06	6	<10	210	<0.5	<2	1.20	<0.5	6	10	9	2.72
K973440		5.16	<0.005	<0.2	1.14	5	<10	260	0.5	<2	1.71	<0.5	7	7	21	2.79
K973441		7.59	0.013	4.3	1.08	12	<10	310	0.6	<2	1.25	8.6	7	7	18	2.91
K973442		6.75	0.013	<0.2	0.49	32	<10	540	1.0	<2	3.06	<0.5	7	4	10	3.28
K973443		0.17	1.675	32.7	4.84	148	<10	40	<0.5	11	4.60	32.0	84	57	7140	8.58
K973444		15.46	<0.005	<0.2	1.07	8	<10	260	<0.5	<2	1.40	<0.5	6	11	21	2.90
K973445		2.78	0.116	1.1	0.72	758	<10	210	0.8	<2	3.02	7.5	7	5	14	2.88
K973446		10.32	<0.005	<0.2	1.20	6	<10	220	<0.5	<2	1.90	<0.5	8	9	33	2.91
K973447		12.25	0.006	<0.2	1.18	9	<10	280	<0.5	<2	1.22	<0.5	8	12	11	2.95
K973448		12.13	<0.005	<0.2	1.20	7	<10	400	<0.5	<2	1.47	<0.5	7	10	7	2.91
K973449		0.17	1.305	30.8	4.63	142	<10	40	<0.5	<2	4.42	30.9	80	54	6760	8.23
K973450		8.23	<0.005	<0.2	1.17	8	<10	190	<0.5	<2	1.64	<0.5	7	9	23	2.89
K973451		2.58	0.177	4.0	0.42	1850	<10	30	<0.5	<2	2.08	22.6	25	4	107	4.27
K973452		6.79	<0.005	0.2	1.41	24	<10	220	0.7	<2	1.93	1.1	7	8	9	3.30
K973453		9.55	0.136	1.5	0.47	527	<10	140	0.8	<2	3.03	8.0	8	5	16	2.96
K973454		9.76	<0.005	<0.2	0.91	11	<10	320	<0.5	<2	1.54	<0.5	7	9	9	2.75
K973455		4.46	0.005	<0.2	0.93	11	<10	520	0.5	<2	1.63	<0.5	7	8	8	2.77
K973456		6.45	0.093	0.8	0.87	20	<10	630	0.5	<2	1.57	3.0	7	7	13	2.83
K973457		4.34	0.199	1.5	0.53	92	<10	250	0.8	<2	2.51	2.4	10	4	38	3.14
K973458		3.77	0.125	3.0	0.59	47	<10	560	0.8	<2	2.87	4.2	8	5	46	2.66
K973459		8.89	<0.005	0.2	1.17	4	<10	230	0.5	<2	1.76	<0.5	9	9	9	2.92
K973460		8.62	<0.005	0.4	1.46	10	<10	630	0.6	<2	2.04	<0.5	6	8	4	2.78
K973461		3.25	0.008	0.4	1.29	7	<10	330	0.6	<2	2.36	<0.5	18	6	13	3.14
K973462		6.84	0.006	0.6	0.85	10	<10	100	0.6	<2	4.72	<0.5	21	5	8	2.66
K973463		3.67	<0.005	<0.2	0.89	6	<10	370	0.6	2	2.48	<0.5	10	5	3	2.54
K973464		3.55	0.028	1.1	1.14	36	<10	540	0.7	<2	3.53	9.1	9	6	7	2.98
K973465		1.08	<0.005	<0.2	0.02	<2	<10	20	<0.5	<2	19.2	<0.5	1	<1	<1	0.43
K973466		11.86	0.021	1.0	1.12	35	<10	340	0.6	<2	2.13	7.2	9	8	17	2.86
K973467		9.64	<0.005	<0.2	1.13	4	<10	440	<0.5	<2	1.84	<0.5	9	9	5	2.67
K973468		16.05	<0.005	0.6	1.19	8	<10	460	0.5	<2	2.12	<0.5	7	8	7	2.66
K973469		5.83	<0.005	<0.2	1.10	4	<10	110	0.5	<2	2.13	<0.5	5	7	8	2.17
K973470		5.54	<0.005	0.5	0.71	10	<10	1360	0.8	<2	2.16	0.7	5	5	15	2.66

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 46

CERTIFICATE OF ANALYSIS WH11189661

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973435		10	<1	0.16	20	0.69	513	<1	0.09	1	590	15	0.04	<2	6	55
K973436		10	<1	0.16	20	0.68	592	1	0.08	1	570	13	0.09	<2	6	54
K973437		<10	1	0.27	10	0.58	1995	1	0.03	<1	440	>10000	5.54	31	4	62
K973438		<10	1	0.02	<10	11.45	183	<1	0.02	<1	240	29	0.02	<2	<1	52
K973439		<10	<1	0.16	20	0.67	452	6	0.10	1	550	31	0.01	<2	5	49
K973440		<10	<1	0.16	30	0.53	449	9	0.02	1	590	13	0.01	2	7	64
K973441		<10	1	0.20	30	0.59	782	<1	0.02	1	620	594	0.18	<2	7	52
K973442		<10	<1	0.30	20	0.94	1750	<1	0.02	<1	530	58	0.24	2	6	118
K973443		10	2	0.24	10	1.16	632	48	0.34	315	670	8290	7.21	25	4	78
K973444		<10	<1	0.18	20	0.64	501	2	0.08	1	600	26	0.06	<2	6	75
K973445		<10	<1	0.27	20	0.89	1190	3	0.03	1	560	162	0.69	10	7	84
K973446		10	<1	0.15	20	0.64	517	2	0.06	2	590	11	0.08	<2	6	71
K973447		10	<1	0.20	20	0.66	446	<1	0.09	1	610	17	0.06	<2	4	50
K973448		10	<1	0.15	20	0.67	546	<1	0.08	1	570	14	0.04	2	6	62
K973449		10	1	0.23	10	1.10	607	43	0.32	299	650	7940	6.84	22	4	75
K973450		10	<1	0.18	20	0.65	615	1	0.07	2	570	37	0.08	<2	6	60
K973451		<10	<1	0.36	10	0.60	2770	<1	0.02	1	500	1055	2.84	11	2	38
K973452		<10	1	0.25	20	0.63	701	<1	0.07	<1	570	74	0.14	<2	7	71
K973453		<10	<1	0.29	20	0.94	2000	<1	0.02	1	520	546	0.86	6	6	98
K973454		<10	<1	0.19	20	0.65	533	<1	0.07	1	570	9	0.05	<2	6	81
K973455		<10	<1	0.23	20	0.63	567	<1	0.08	2	560	11	0.08	<2	6	95
K973456		<10	<1	0.20	20	0.61	890	1	0.07	1	550	206	0.32	4	6	86
K973457		<10	1	0.31	20	0.66	3160	1	0.03	5	520	259	0.90	12	5	85
K973458		<10	1	0.31	20	0.66	3820	2	0.03	1	510	720	0.49	12	6	89
K973459		10	<1	0.18	20	0.69	560	1	0.06	2	610	23	0.10	2	6	72
K973460		10	<1	0.14	20	0.72	487	<1	0.06	1	600	11	0.24	<2	6	230
K973461		<10	1	0.18	30	0.58	439	<1	0.05	1	580	13	1.00	3	6	123
K973462		<10	<1	0.23	30	0.61	651	1	0.03	2	530	18	1.37	<2	5	210
K973463		<10	<1	0.23	20	0.73	442	1	0.04	2	560	12	0.70	2	5	132
K973464		<10	<1	0.26	20	0.79	863	1	0.04	1	590	198	0.66	2	6	140
K973465		<10	<1	0.01	<10	11.70	198	<1	0.02	2	150	2	0.02	<2	<1	45
K973466		<10	<1	0.21	20	0.66	645	1	0.06	2	560	347	0.72	3	6	91
K973467		<10	<1	0.18	20	0.68	457	<1	0.09	2	600	16	0.37	3	6	71
K973468		10	<1	0.21	30	0.75	535	<1	0.07	2	610	24	0.35	3	6	68
K973469		<10	1	0.12	20	0.49	412	1	0.03	1	580	8	0.03	2	7	72
K973470		<10	1	0.21	20	0.68	1010	<1	0.05	2	570	25	0.21	5	8	97

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 46

CERTIFICATE OF ANALYSIS WH11189661

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K973435		<20	0.05	<10	<10	53	<10	39	<1	
K973436		<20	0.04	<10	<10	50	10	40	1	
K973437		<20	<0.01	<10	<10	16	<10	8480	61	1.715
K973438		<20	<0.01	<10	<10	2	<10	26	1	
K973439		<20	0.06	<10	<10	50	<10	39	<1	
K973440		<20	0.02	<10	<10	45	<10	38	<1	
K973441		<20	0.01	<10	<10	35	<10	663	1	
K973442		<20	<0.01	<10	<10	17	<10	63	<1	
K973443		<20	0.05	<10	<10	321	<10	7830	31	
K973444		<20	0.05	<10	<10	50	<10	50	<1	
K973445		<20	<0.01	<10	<10	24	<10	537	1	
K973446		<20	0.03	<10	<10	49	<10	36	1	
K973447		<20	0.09	<10	<10	55	<10	38	<1	
K973448		<20	0.04	<10	<10	52	<10	45	<1	
K973449		<20	0.05	<10	<10	303	<10	7490	31	
K973450		<20	0.03	<10	<10	48	<10	62	<1	
K973451		<20	<0.01	<10	<10	9	<10	1940	4	
K973452		<20	0.02	<10	<10	39	<10	117	<1	
K973453		<20	<0.01	<10	<10	16	<10	647	2	
K973454		<20	0.04	<10	<10	43	<10	33	1	
K973455		<20	0.03	<10	<10	40	<10	37	<1	
K973456		<20	0.02	<10	<10	37	<10	253	1	
K973457		<20	<0.01	<10	<10	18	<10	212	2	
K973458		<20	<0.01	<10	<10	18	<10	346	3	
K973459		<20	0.02	<10	<10	46	<10	46	<1	
K973460		<20	0.02	<10	<10	45	<10	40	1	
K973461		<20	<0.01	<10	<10	36	<10	40	<1	
K973462		<20	<0.01	<10	<10	24	<10	48	<1	
K973463		<20	<0.01	<10	<10	29	<10	38	<1	
K973464		<20	<0.01	<10	<10	30	<10	592	<1	
K973465		<20	<0.01	<10	<10	2	<10	15	<1	
K973466		<20	0.01	<10	<10	36	<10	557	<1	
K973467		<20	0.02	<10	<10	45	<10	51	<1	
K973468		<20	0.01	<10	<10	42	<10	65	<1	
K973469		<20	0.01	<10	<10	39	<10	27	<1	
K973470		<20	<0.01	<10	<10	35	<10	80	<1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11189663

Project: Klaza- DDH- 46

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- NOV- 2011
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Project: Klaza- DDH- 46

CERTIFICATE OF ANALYSIS WH11189663

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973471		3.11	3.08	>100	0.53	6360	<10	30	0.6	35	1.18	147.0	3	2	383	6.30
K973472		3.14	0.283	3.3	0.52	282	<10	160	0.6	<2	1.66	18.2	3	4	117	4.75
K973473		2.52	1.285	7.6	0.45	2160	<10	50	0.5	4	1.60	35.5	13	3	198	3.76
K973474		6.90	0.041	0.5	0.60	122	<10	650	0.7	<2	1.98	3.1	5	4	21	2.69
K973475		2.63	2.20	7.4	0.52	2040	<10	40	0.6	2	2.94	96.3	5	4	131	5.49
K973476		12.14	0.007	0.4	0.76	28	<10	1430	0.8	<2	2.13	<0.5	5	4	22	2.65
K973477		3.66	2.90	52.9	0.60	4770	<10	70	0.7	68	2.30	133.0	5	4	1355	4.79
K973478		0.10	1.435	32.8	4.76	165	<10	40	<0.5	<2	4.33	32.5	87	57	7090	8.04
K973479		11.01	0.021	0.8	0.63	116	<10	560	0.7	<2	2.35	2.3	5	4	35	2.24
K973480		11.43	0.019	1.0	0.85	26	<10	700	0.6	<2	2.28	9.3	5	4	16	2.46
K973481		4.26	0.066	0.8	0.57	49	<10	370	0.5	<2	2.59	3.9	5	3	7	2.20
K973482		4.27	2.04	5.7	0.48	1900	<10	40	<0.5	5	1.53	62.3	9	4	131	3.31
K973483		5.36	0.027	1.9	0.49	96	<10	60	<0.5	2	1.48	9.2	27	3	35	3.12
K973484		4.47	1.480	12.1	0.47	3420	<10	40	<0.5	12	1.30	64.0	17	3	181	4.56
K973485		12.06	0.079	1.6	0.91	135	<10	60	0.7	3	2.46	2.9	12	4	21	3.78
K973486		0.10	1.470	31.6	4.59	148	<10	40	<0.5	9	4.22	31.5	83	55	6830	7.83
K973487		9.93	0.021	0.8	0.66	39	<10	750	0.8	<2	1.78	3.5	5	4	32	3.14
K973488		3.93	1.980	44.6	0.45	2260	<10	20	0.5	42	2.42	144.5	19	3	1620	5.85
K973489		10.11	0.024	1.6	0.65	27	<10	100	0.6	2	2.29	4.2	8	4	38	3.01
K973490		5.19	0.009	1.1	0.65	25	<10	120	0.5	<2	2.32	4.9	9	4	6	2.99
K973491		12.71	<0.005	0.3	1.07	19	<10	410	0.6	<2	2.15	0.5	8	6	5	2.87
K973492		4.03	0.078	5.0	0.68	75	<10	160	0.7	3	1.79	46.3	15	4	88	3.46
K973493		6.75	<0.005	0.3	1.07	11	<10	780	0.8	<2	2.47	<0.5	6	5	35	2.68
K973494		4.14	0.637	34.3	0.77	248	<10	40	0.8	3	1.85	36.7	8	4	74	4.78
K973495		13.49	<0.005	0.7	0.70	5	<10	1590	0.8	<2	2.83	0.5	4	3	4	1.96
K973496		12.51	<0.005	0.5	0.71	13	<10	1380	0.7	<2	3.22	0.5	5	3	4	1.92
K973497		15.05	<0.005	0.4	0.63	12	<10	1090	0.7	<2	3.09	0.6	4	4	3	1.98
K973498		5.83	0.015	1.2	0.56	148	<10	140	0.8	<2	2.24	2.0	6	4	25	2.83
K973499		2.69	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	20.0	<0.5	1	1	<1	0.51
K973500		5.86	0.056	1.2	0.54	124	<10	60	0.6	2	2.46	2.7	8	3	44	2.76
K974001		9.05	<0.005	0.5	0.74	11	<10	1110	0.9	<2	1.97	0.5	6	6	14	2.44
K974002		7.04	0.313	9.9	0.62	139	<10	50	0.7	3	2.21	14.6	6	4	69	3.16
K974003		2.09	<0.005	<0.2	0.06	4	<10	30	<0.5	<2	20.2	<0.5	<1	2	<1	0.51
K974004		10.80	<0.005	0.2	0.67	27	<10	690	0.7	<2	2.84	<0.5	6	3	3	2.29
K974005		12.16	0.005	0.2	0.55	36	<10	900	0.5	<2	2.48	0.5	5	3	4	2.06
K974006		12.42	<0.005	0.2	0.67	26	<10	840	0.7	<2	3.07	<0.5	6	2	3	2.25

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 46

CERTIFICATE OF ANALYSIS WH11189663

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973471		<10	2	0.30	10	0.52	3810	6	0.02	<1	340	>10000	4.55	202	3	34
K973472		<10	1	0.39	10	0.69	2070	1	0.02	2	490	514	1.40	23	4	39
K973473		<10	1	0.33	10	0.49	1320	6	0.02	2	410	655	2.76	39	3	29
K973474		<10	1	0.28	10	0.64	1085	2	0.03	1	480	109	0.56	9	7	58
K973475		<10	<1	0.27	10	1.07	1970	<1	0.02	<1	450	452	4.43	33	6	74
K973476		<10	1	0.18	10	0.68	909	<1	0.05	2	510	16	0.23	8	8	95
K973477		<10	1	0.24	10	0.85	2210	2	0.02	1	430	3290	2.76	70	6	65
K973478		10	1	0.24	10	1.12	623	46	0.34	309	680	8100	7.34	27	4	75
K973479		<10	1	0.32	30	0.69	1685	<1	0.03	3	560	61	0.48	5	6	75
K973480		<10	1	0.35	20	0.64	873	<1	0.04	1	590	238	0.45	3	5	71
K973481		<10	1	0.40	20	0.77	1345	<1	0.03	1	550	155	0.75	2	5	65
K973482		<10	1	0.36	10	0.45	1430	1	0.02	1	390	1205	2.44	22	2	32
K973483		<10	1	0.39	10	0.42	1645	<1	0.02	2	530	285	2.32	3	2	29
K973484		<10	1	0.33	10	0.42	892	<1	0.02	1	420	1220	3.87	33	3	36
K973485		<10	<1	0.23	10	0.71	739	<1	0.02	1	510	150	1.91	5	6	70
K973486		10	1	0.23	10	1.09	604	43	0.33	303	660	7910	7.01	27	4	73
K973487		<10	<1	0.28	10	0.61	1020	<1	0.04	3	520	183	0.44	4	7	70
K973488		<10	2	0.30	<10	1.05	1335	22	0.02	<1	320	3660	6.35	226	2	59
K973489		<10	1	0.28	20	0.68	1065	<1	0.02	1	610	184	1.35	6	5	67
K973490		<10	1	0.30	20	0.64	1135	<1	0.03	2	610	287	1.45	2	5	71
K973491		<10	1	0.24	20	0.65	633	<1	0.05	1	560	81	0.36	<2	7	96
K973492		<10	<1	0.30	10	0.63	999	<1	0.02	2	530	1705	1.53	5	5	73
K973493		<10	<1	0.27	20	0.65	615	<1	0.04	5	580	21	0.19	3	7	132
K973494		<10	1	0.33	20	0.41	1730	1	0.02	<1	490	705	3.25	18	5	93
K973495		<10	<1	0.33	10	0.67	536	<1	0.02	1	790	57	0.07	<2	4	336
K973496		<10	<1	0.32	20	0.66	492	<1	0.02	2	840	24	0.10	<2	3	376
K973497		<10	<1	0.30	10	0.70	530	<1	0.02	1	800	20	0.07	<2	3	377
K973498		<10	<1	0.33	20	0.70	2770	<1	0.01	1	540	99	0.90	5	5	122
K973499		<10	<1	0.04	<10	12.35	235	<1	0.02	1	200	2	0.04	<2	1	46
K973500		<10	<1	0.36	20	0.79	2320	<1	0.02	1	550	96	1.47	8	4	88
K974001		<10	<1	0.32	10	0.88	718	<1	0.02	4	1110	10	0.07	3	5	204
K974002		<10	<1	0.34	20	0.77	2210	<1	0.02	1	500	838	1.70	15	3	106
K974003		<10	<1	0.03	<10	12.55	245	<1	0.01	<1	200	2	0.03	<2	<1	48
K974004		<10	<1	0.25	10	0.97	790	<1	0.02	2	370	14	0.25	<2	3	186
K974005		<10	<1	0.20	<10	0.85	743	<1	0.02	1	130	24	0.30	<2	3	163
K974006		<10	<1	0.26	10	0.95	692	<1	0.02	2	410	21	0.21	<2	3	193

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 46

CERTIFICATE OF ANALYSIS WH11189663

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001
K973471		<20	<0.01	<10	<10	12	10	8650	188	5.00
K973472		<20	<0.01	<10	<10	12	<10	1325	2	
K973473		<20	<0.01	<10	<10	9	<10	2520	6	
K973474		<20	<0.01	<10	<10	26	<10	255	<1	
K973475		<20	<0.01	<10	<10	20	<10	6100	7	
K973476		<20	<0.01	<10	<10	34	<10	53	<1	
K973477		<20	<0.01	<10	<10	22	<10	8190	50	
K973478		<20	0.05	<10	10	320	10	7540	31	
K973479		<20	<0.01	<10	<10	20	<10	226	<1	
K973480		<20	<0.01	<10	<10	23	<10	659	<1	
K973481		<20	<0.01	<10	<10	12	<10	307	<1	
K973482		<20	<0.01	<10	<10	9	<10	3910	5	
K973483		<20	<0.01	<10	<10	8	<10	838	1	
K973484		<20	<0.01	<10	<10	10	<10	4440	12	
K973485		<20	<0.01	<10	<10	26	<10	280	1	
K973486		<20	0.05	<10	<10	307	10	7370	33	
K973487		<20	<0.01	<10	<10	29	<10	316	<1	
K973488		<20	<0.01	<10	<10	7	<10	8990	45	
K973489		<20	<0.01	<10	<10	22	<10	366	1	
K973490		<20	<0.01	<10	<10	20	<10	413	<1	
K973491		<20	<0.01	<10	<10	33	<10	81	<1	
K973492		<20	<0.01	<10	<10	22	<10	4920	4	
K973493		<20	<0.01	<10	<10	27	<10	57	<1	
K973494		<20	<0.01	<10	<10	15	<10	3230	34	
K973495		<20	<0.01	<10	<10	17	<10	143	<1	
K973496		<20	<0.01	<10	<10	17	<10	167	<1	
K973497		<20	<0.01	<10	<10	16	<10	125	1	
K973498		<20	<0.01	<10	<10	9	<10	241	1	
K973499		<20	<0.01	<10	<10	3	<10	15	<1	
K973500		<20	<0.01	<10	<10	9	<10	269	1	
K974001		<20	<0.01	<10	<10	27	<10	66	<1	
K974002		<20	<0.01	<10	<10	11	<10	1120	9	
K974003		<20	<0.01	<10	10	2	<10	17	<1	
K974004		<20	<0.01	<10	<10	24	<10	46	<1	
K974005		<20	<0.01	<10	<10	20	<10	84	<1	
K974006		<20	<0.01	<10	<10	24	<10	59	<1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11189665

Project: Klaza- DDH- 50

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 50

CERTIFICATE OF ANALYSIS WH11189665

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269382		9.47	0.020	1.1	1.29	27	<10	220	<0.5	<2	1.81	5.9	7	9	20	2.90
K269383		12.01	0.016	0.7	1.14	26	<10	170	<0.5	<2	1.24	1.8	7	10	19	2.79
K269384		11.09	<0.005	0.2	1.29	7	<10	290	<0.5	<2	1.28	2.0	7	10	10	2.49
K269385		11.58	<0.005	0.2	1.17	8	<10	180	<0.5	<2	1.12	1.2	7	10	10	2.57
K269386		11.69	0.008	0.4	1.18	7	<10	150	<0.5	<2	1.24	<0.5	7	9	130	2.65
K269387		3.74	0.024	0.9	0.56	45	<10	350	0.7	<2	1.95	4.0	12	4	27	2.94
K269388		5.44	<0.005	0.4	0.09	45	<10	10	<0.5	2	17.5	<0.5	3	2	5	0.46
K269389		11.02	0.007	0.3	0.92	11	<10	450	<0.5	<2	2.15	1.1	7	7	15	2.59
K269390		6.98	0.007	0.6	0.77	17	<10	950	0.6	<2	1.99	4.7	7	5	13	3.21
K269391		3.92	0.005	0.4	0.83	17	<10	1070	0.7	<2	1.97	4.2	7	5	19	3.41
K269392		6.34	<0.005	0.2	0.85	11	<10	260	0.6	<2	1.95	<0.5	8	6	10	2.58
K269393		3.93	0.097	1.2	0.54	324	<10	100	0.8	<2	4.49	1.2	7	3	10	3.08
K269394		5.31	0.025	0.4	0.65	35	<10	510	0.8	<2	1.63	2.5	6	4	9	2.69
K269395		4.21	3.74	7.4	0.41	6480	<10	20	0.6	2	1.92	37.7	6	3	159	5.34
K269396		5.72	0.362	11.2	0.58	745	<10	360	0.9	2	2.20	3.6	9	4	29	2.79
K269397		0.17	3.28	>100	0.17	>10000	<10	<10	<0.5	<2	0.38	292	3	8	1535	12.40
K269398		6.66	2.70	10.4	0.44	4020	<10	30	0.7	8	2.19	124.5	8	3	250	3.78
K269399		6.68	0.054	0.6	0.53	125	<10	550	0.9	<2	2.44	1.6	8	4	8	2.64
K269400		4.61	0.074	0.6	0.62	138	<10	620	0.9	<2	2.56	1.6	7	4	10	3.45
K269401		4.77	<0.005	0.2	0.66	14	<10	670	0.8	<2	1.86	<0.5	8	4	5	2.53
K269402		9.28	0.245	1.9	0.58	493	<10	50	0.7	3	2.94	27.3	8	4	34	3.36
K269403		5.38	0.179	3.0	0.41	314	<10	70	0.6	2	7.8	49.4	5	1	91	2.94
K269404		4.44	0.050	1.2	0.52	216	<10	540	0.8	<2	2.17	4.7	7	4	16	4.34
K269405		7.07	0.008	1.8	0.94	16	<10	310	0.7	3	2.23	1.8	7	5	55	3.24
K269406		4.25	1.815	3.0	0.54	2750	<10	240	0.7	2	2.28	10.5	8	4	75	3.10
K269407		4.47	7.28	54.4	0.42	7770	<10	<10	0.5	43	1.50	181.0	9	3	1165	6.54
K269408		3.36	0.010	0.2	0.07	47	<10	10	<0.5	<2	19.3	0.6	3	1	5	0.47
K269409		8.22	0.107	0.7	0.98	74	<10	230	<0.5	<2	1.71	1.8	8	7	28	2.46
K269410		5.89	<0.005	0.2	1.08	15	<10	180	<0.5	<2	3.46	<0.5	7	8	10	2.34
K269411		4.32	0.064	1.7	0.77	177	<10	220	0.6	<2	2.70	18.2	7	5	39	3.35
K269412		12.19	0.006	0.2	1.17	26	<10	130	<0.5	<2	1.38	<0.5	7	9	16	2.64
K269413		11.94	0.007	<0.2	1.02	13	<10	190	<0.5	<2	1.67	1.8	7	8	15	2.63
K269414		0.10	1.585	31.8	4.59	146	10	50	<0.5	8	4.30	30.8	83	54	6950	7.90
K269415		9.90	0.005	0.6	1.14	8	<10	280	0.6	<2	1.76	4.2	6	8	22	2.68
K269416		4.02	0.124	1.2	0.43	535	<10	260	0.6	<2	2.34	3.4	6	4	19	3.21
K269417		4.94	0.005	0.2	0.90	19	<10	310	0.7	<2	2.22	2.0	6	6	14	3.15

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CERTIFICATE OF ANALYSIS WH11189665

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269382		<10	<1	0.21	20	0.64	922	<1	0.06	<1	560	249	0.26	<2	6	85
K269383		10	<1	0.18	10	0.65	653	<1	0.08	<1	560	76	0.28	<2	5	44
K269384		10	<1	0.16	10	0.66	495	<1	0.09	<1	550	41	0.06	<2	4	46
K269385		10	<1	0.15	10	0.69	396	<1	0.08	<1	580	35	0.05	<2	4	39
K269386		10	<1	0.16	20	0.72	473	1	0.09	<1	610	11	0.08	<2	5	46
K269387		<10	<1	0.27	20	0.59	1440	1	0.03	<1	520	169	0.63	34	6	74
K269388		<10	<1	0.04	<10	11.20	202	<1	0.02	<1	180	19	0.04	<2	<1	42
K269389		<10	<1	0.20	20	1.04	574	<1	0.08	<1	530	26	0.07	2	6	74
K269390		<10	<1	0.26	20	0.65	1205	<1	0.05	<1	550	172	0.31	2	6	110
K269391		<10	<1	0.27	20	0.69	1225	<1	0.05	<1	560	125	0.27	2	5	119
K269392		<10	<1	0.18	20	0.60	596	<1	0.05	<1	600	15	0.10	<2	7	85
K269393		<10	<1	0.26	10	1.51	2610	<1	0.02	<1	450	69	1.05	10	6	122
K269394		<10	<1	0.23	20	0.57	1020	<1	0.02	<1	550	60	0.28	3	7	53
K269395		<10	<1	0.29	10	0.68	5760	1	0.02	<1	420	398	2.49	30	4	40
K269396		<10	<1	0.29	20	0.74	1345	<1	0.02	<1	570	1275	0.53	6	8	73
K269397		<10	1	0.07	<10	0.16	1345	<1	0.01	8	130	>10000	>10.0	488	1	19
K269398		<10	1	0.26	10	0.74	2630	1	0.02	<1	370	587	2.10	27	5	61
K269399		<10	<1	0.28	10	0.87	1140	1	0.02	<1	500	63	0.48	3	7	67
K269400		<10	<1	0.31	10	1.00	1390	<1	0.02	<1	470	27	0.42	3	7	91
K269401		<10	<1	0.23	20	0.63	854	<1	0.02	1	530	20	0.25	<2	8	65
K269402		<10	<1	0.32	10	0.91	2700	1	0.02	<1	440	315	1.39	9	5	80
K269403		<10	<1	0.23	10	2.72	2800	4	0.02	<1	260	393	1.30	9	3	153
K269404		<10	<1	0.34	20	0.89	2690	2	0.02	<1	480	187	0.54	7	5	56
K269405		<10	<1	0.22	20	0.58	1225	1	0.02	<1	570	66	0.15	2	7	69
K269406		<10	<1	0.35	20	0.69	1275	<1	0.02	<1	510	570	1.13	6	5	72
K269407		<10	<1	0.28	10	0.48	1300	1	0.02	<1	420	4600	6.55	29	3	52
K269408		<10	<1	0.04	<10	12.05	220	<1	0.02	<1	170	15	0.07	<2	<1	45
K269409		<10	<1	0.20	20	0.65	550	1	0.08	<1	560	55	0.18	<2	6	71
K269410		<10	<1	0.18	10	1.87	463	1	0.08	<1	520	9	0.08	<2	5	62
K269411		<10	<1	0.27	20	0.53	1190	1	0.03	<1	520	721	0.65	4	6	100
K269412		10	<1	0.17	20	0.70	525	1	0.09	<1	580	27	0.09	<2	5	57
K269413		<10	<1	0.16	20	0.66	629	2	0.07	6	580	38	0.15	<2	6	66
K269414		10	<1	0.23	<10	1.05	599	45	0.31	305	660	7990	6.90	25	4	73
K269415		<10	<1	0.19	20	0.63	660	3	0.05	2	570	150	0.10	3	6	70
K269416		<10	<1	0.29	10	0.62	2030	5	0.02	2	430	259	1.02	14	4	48
K269417		<10	<1	0.25	20	0.60	1015	1	0.02	1	590	84	0.12	5	8	74

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 50

CERTIFICATE OF ANALYSIS WH11189665

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K269382		<20	0.02	<10	<10	45	<10	509	3		
K269383		<20	0.06	<10	<10	49	<10	215	1		
K269384		<20	0.09	<10	<10	51	<10	166	<1		
K269385		<20	0.10	<10	<10	53	<10	104	<1		
K269386		<20	0.08	<10	<10	54	<10	40	<1		
K269387		<20	<0.01	<10	<10	27	<10	397	1		
K269388		<20	<0.01	<10	10	2	<10	35	<1		
K269389		<20	0.03	<10	<10	41	<10	107	<1		
K269390		<20	0.01	<10	<10	31	<10	376	<1		
K269391		<20	0.01	<10	<10	32	<10	349	<1		
K269392		<20	0.01	<10	<10	36	<10	47	<1		
K269393		<20	<0.01	<10	<10	16	<10	165	1		
K269394		<20	<0.01	<10	<10	29	<10	188	<1		
K269395		<20	<0.01	<10	<10	10	10	2480	7		
K269396		<20	<0.01	<10	<10	29	<10	305	3		
K269397		<20	<0.01	<10	<10	8	150	>10000	422	3.11	3.53
K269398		<20	<0.01	<10	<10	14	20	8090	11		
K269399		<20	<0.01	<10	<10	26	<10	156	1		
K269400		<20	<0.01	<10	<10	26	<10	154	<1		
K269401		<20	<0.01	<10	<10	29	<10	43	<1		
K269402		<20	<0.01	<10	<10	14	<10	1850	2		
K269403		<20	<0.01	<10	<10	8	10	3120	3		
K269404		<20	<0.01	<10	<10	14	<10	409	1		
K269405		<20	<0.01	<10	<10	33	<10	172	2		
K269406		<20	<0.01	<10	<10	14	<10	808	3		
K269407		<20	<0.01	<10	<10	11	<10	>10000	53		1.295
K269408		<20	<0.01	<10	10	2	<10	51	<1		
K269409		<20	0.03	<10	<10	41	<10	153	1		
K269410		<20	0.05	<10	<10	43	<10	32	<1		
K269411		<20	<0.01	<10	<10	27	<10	1305	2		
K269412		<20	0.07	<10	<10	52	<10	62	<1		
K269413		<20	0.02	<10	<10	45	<10	152	1		
K269414		<20	0.05	<10	<10	301	<10	7070	30		
K269415		<20	0.01	<10	<10	41	<10	331	<1		
K269416		<20	<0.01	<10	<10	15	<10	305	1		
K269417		<20	<0.01	<10	<10	40	<10	190	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11189666

Project: Klaza- DDH- 62

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 62

CERTIFICATE OF ANALYSIS WH11189666

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K973648		4.67	<0.005	<0.2	1.02	8	<10	490	0.6	<2	2.31	<0.5	3	6	1	2.37
K973649		3.51	0.394	3.2	0.58	26	<10	450	0.8	<2	2.20	52.3	5	3	61	3.14
K973650		9.51	0.047	0.2	0.94	93	<10	340	0.7	<2	2.09	2.3	4	5	4	2.96
K973651		10.71	0.088	0.8	0.59	102	<10	290	0.7	<2	1.43	7.1	4	5	6	4.32
K973652		5.46	0.609	8.6	0.50	222	<10	30	0.5	2	1.57	131.0	3	5	120	4.93
K973653		13.52	0.017	0.5	0.84	30	<10	410	0.5	<2	2.41	3.2	3	6	8	2.62
K973654		7.86	<0.005	<0.2	1.05	7	<10	290	0.5	<2	2.43	<0.5	3	6	1	2.63
K973655		0.17	1.555	31.6	4.99	146	<10	30	<0.5	<2	4.45	32.2	83	56	7160	8.13
K973656		8.64	0.014	0.3	0.68	9	<10	370	<0.5	<2	2.61	0.8	3	4	13	2.13
K973657		7.61	0.005	0.2	0.65	6	<10	150	0.5	<2	2.40	<0.5	7	6	1	1.54
K973658		6.11	0.024	0.6	0.53	9	<10	500	<0.5	<2	2.11	2.3	8	6	5	1.55
K973659		7.18	<0.005	<0.2	1.03	5	<10	310	0.6	<2	1.88	<0.5	4	6	1	2.41
K973660		6.10	<0.005	0.2	0.98	9	<10	420	<0.5	<2	1.88	0.6	5	14	5	2.84
K973661		0.89	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	20.6	<0.5	<1	1	1	0.45
K973662		3.96	0.032	1.4	0.92	43	<10	230	0.6	<2	2.20	14.4	7	6	17	3.53
K973663		4.51	<0.005	<0.2	0.97	5	<10	240	0.5	<2	1.66	2.5	8	7	3	2.46
K973664		11.53	0.006	0.5	0.49	31	<10	520	0.8	<2	1.57	3.8	6	4	6	2.57
K973665		4.47	0.815	14.0	0.51	406	<10	160	0.5	17	1.27	48.4	7	3	173	3.42
K973666		11.36	0.326	1.5	0.56	26	<10	510	0.7	2	1.72	26.5	4	4	23	2.91
K973667		12.00	0.007	0.3	0.67	21	<10	1030	0.7	<2	2.21	1.0	4	5	3	2.68
K973668		0.15	1.390	32.2	4.88	146	<10	50	<0.5	6	4.42	32.5	84	57	7080	8.31
K973669		6.85	0.531	8.5	0.66	204	<10	140	0.9	12	1.78	38.0	7	6	372	3.02
K973670		4.75	0.634	2.7	0.50	162	<10	60	<0.5	4	1.10	21.3	2	3	69	3.53
K973671		4.96	0.330	3.5	0.48	142	<10	170	<0.5	3	1.61	37.3	2	3	41	4.37
K973672		4.76	0.011	1.3	0.79	36	<10	510	0.8	<2	2.29	1.5	4	5	22	2.76
K973673		0.89	<0.005	0.2	0.03	4	<10	10	<0.5	<2	19.7	<0.5	1	<1	1	0.46
K973674		6.07	1.115	6.3	0.59	1630	<10	20	0.6	7	1.22	24.1	4	3	58	7.36
K973675		3.90	0.691	6.3	0.40	360	<10	20	0.5	3	2.94	41.0	14	2	90	4.41
K973676		7.95	0.884	0.7	0.59	14	<10	930	0.6	<2	2.61	1.7	10	3	1	1.85
K973677		9.72	0.213	<0.2	1.07	22	<10	230	1.2	<2	2.56	<0.5	4	15	<1	4.26
K973678		4.80	0.168	6.1	0.78	175	<10	100	1.0	4	1.57	6.7	5	8	289	6.02
K973679		12.83	0.081	0.9	0.76	43	<10	380	1.1	<2	3.41	11.9	5	6	8	3.81
K973680		5.18	0.006	0.4	0.99	13	<10	120	0.8	<2	2.54	1.6	3	11	21	2.94
K973681		4.55	1.175	4.9	0.68	69	<10	60	0.6	3	1.87	15.0	60	6	193	3.74
K973682		13.49	0.013	0.9	0.56	14	<10	670	<0.5	<2	2.59	9.7	2	4	38	2.03
K973683		4.02	0.016	0.6	0.63	12	<10	330	0.5	<2	2.58	7.4	2	5	14	2.07

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Finalized Date: 12- NOV- 2011
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Project: Klaza- DDH- 62

CERTIFICATE OF ANALYSIS WH11189666

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973648		<10	<1	0.23	30	0.59	584	1	0.03	2	590	8	0.07	<2	6	82
K973649		<10	<1	0.27	20	0.74	1290	2	0.01	3	550	439	0.67	<2	6	78
K973650		<10	<1	0.28	30	0.64	1085	1	0.02	1	570	57	0.29	2	6	71
K973651		<10	<1	0.31	20	0.63	2160	2	0.01	3	530	274	1.04	2	6	52
K973652		<10	1	0.35	20	0.59	3630	5	0.01	1	460	1300	3.17	7	3	27
K973653		<10	<1	0.24	30	0.56	1030	1	0.04	2	570	107	0.44	<2	6	79
K973654		<10	<1	0.21	30	0.60	655	2	0.06	3	620	5	0.15	<2	6	78
K973655		10	1	0.24	10	1.15	628	48	0.33	309	680	8240	7.26	26	5	81
K973656		<10	<1	0.20	20	0.57	769	3	0.04	1	540	9	0.27	<2	5	76
K973657		<10	<1	0.23	10	0.56	744	6	0.02	<1	510	20	0.15	<2	3	59
K973658		<10	<1	0.22	20	0.67	940	6	0.02	<1	460	83	0.21	<2	3	51
K973659		<10	<1	0.18	20	0.64	496	<1	0.04	<1	550	6	0.12	<2	6	97
K973660		<10	<1	0.22	20	0.68	853	4	0.06	3	600	77	0.19	<2	5	78
K973661		<10	<1	0.02	<10	12.50	205	<1	0.02	<1	180	<2	0.03	<2	<1	45
K973662		<10	<1	0.30	20	0.55	1205	<1	0.04	1	580	677	0.90	<2	5	77
K973663		<10	<1	0.24	20	0.51	506	<1	0.05	1	560	66	0.30	<2	5	64
K973664		<10	<1	0.25	20	0.53	860	<1	0.01	1	590	70	0.53	<2	7	57
K973665		<10	<1	0.36	10	0.50	1245	1	0.02	<1	550	2360	1.62	8	4	41
K973666		<10	<1	0.24	20	0.62	1040	<1	0.02	<1	520	252	0.56	<2	7	81
K973667		<10	<1	0.24	20	0.71	875	<1	0.02	<1	510	36	0.27	<2	8	102
K973668		10	1	0.24	<10	1.14	620	45	0.35	307	680	8360	7.14	24	4	75
K973669		<10	<1	0.27	10	0.72	956	3	0.01	4	820	298	0.89	27	4	127
K973670		<10	<1	0.37	20	0.41	1520	3	0.01	<1	560	450	1.90	3	2	33
K973671		<10	<1	0.38	20	0.72	2520	3	0.02	<1	530	1020	1.59	2	4	44
K973672		<10	<1	0.29	20	0.70	1260	<1	0.02	2	970	59	0.41	5	10	118
K973673		<10	<1	0.02	<10	11.95	223	<1	0.02	<1	180	3	0.04	<2	<1	47
K973674		<10	<1	0.41	20	0.62	2520	4	0.01	<1	710	838	4.53	8	5	30
K973675		<10	<1	0.27	10	0.82	2650	3	0.02	1	510	1375	3.72	11	4	65
K973676		<10	<1	0.29	50	0.78	1270	2	0.02	<1	550	85	0.35	<2	6	67
K973677		<10	<1	0.19	10	0.84	937	<1	0.01	2	1410	10	0.07	3	19	107
K973678		<10	<1	0.27	20	0.72	2780	<1	0.02	2	1090	189	1.84	18	11	65
K973679		<10	<1	0.29	30	1.14	2530	<1	0.02	1	1100	136	0.73	<2	13	113
K973680		<10	<1	0.23	50	0.93	1420	<1	0.02	1	860	108	0.21	3	14	122
K973681		<10	<1	0.24	30	0.73	1460	<1	0.02	3	710	681	1.59	27	8	78
K973682		<10	<1	0.29	20	0.90	1265	<1	0.02	<1	570	250	0.33	4	5	97
K973683		<10	<1	0.26	30	0.92	1070	<1	0.02	<1	540	170	0.30	<2	6	112

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VANCOUVER BC V6B 1L8

Finalized Date: 12- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 62

CERTIFICATE OF ANALYSIS WH11189666

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973648		<20	0.01	<10	<10	34	<10	56	<1
K973649		<20	<0.01	<10	<10	21	<10	3270	2
K973650		<20	<0.01	<10	<10	31	<10	225	<1
K973651		<20	<0.01	<10	<10	21	<10	554	<1
K973652		<20	<0.01	<10	<10	10	<10	8670	8
K973653		<20	<0.01	<10	<10	32	<10	287	<1
K973654		<20	0.01	<10	<10	36	<10	55	<1
K973655		<20	0.06	<10	<10	321	<10	7380	30
K973656		<20	<0.01	<10	<10	23	<10	118	<1
K973657		<20	<0.01	<10	10	17	<10	67	<1
K973658		<20	<0.01	<10	10	16	<10	223	<1
K973659		20	0.01	<10	10	34	<10	49	<1
K973660		<20	0.03	<10	<10	46	<10	82	<1
K973661		<20	<0.01	<10	<10	<1	<10	16	<1
K973662		<20	<0.01	<10	10	29	<10	1105	<1
K973663		<20	0.01	<10	10	31	<10	174	1
K973664		<20	<0.01	<10	10	25	<10	281	<1
K973665		<20	<0.01	<10	<10	16	<10	3040	12
K973666		<20	<0.01	<10	<10	30	<10	1670	1
K973667		<20	<0.01	<10	<10	33	<10	111	<1
K973668		<20	0.06	<10	10	320	<10	7400	31
K973669		<20	<0.01	<10	10	29	<10	2430	7
K973670		<20	<0.01	<10	<10	10	<10	1485	2
K973671		<20	<0.01	<10	10	11	<10	2580	2
K973672		<20	<0.01	<10	10	37	<10	137	<1
K973673		<20	<0.01	<10	<10	<1	<10	21	<1
K973674		<20	<0.01	<10	10	21	<10	1860	5
K973675		<20	<0.01	<10	10	13	<10	2590	5
K973676		<20	<0.01	<10	<10	18	<10	140	<1
K973677		<20	0.01	<10	10	123	<10	77	<1
K973678		<20	<0.01	<10	10	64	<10	735	4
K973679		<20	<0.01	<10	10	56	<10	892	<1
K973680		<20	<0.01	<10	10	66	<10	177	1
K973681		<20	<0.01	<10	10	51	<10	1075	5
K973682		<20	<0.01	<10	10	22	<10	673	1
K973683		<20	<0.01	<10	<10	25	<10	513	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11192498

Project: Klaza DDH- 46

P.O. No.: Batch 7

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11192498

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269179		6.47	<0.005	0.2	0.90	7	<10	560	<0.5	<2	1.45	<0.5	7	9	4	2.60
K269180		10.46	<0.005	<0.2	0.65	8	<10	1550	0.6	<2	2.66	<0.5	6	6	5	2.64
K269181		2.93	0.060	1.0	0.65	63	<10	280	0.9	<2	2.15	19.1	6	5	26	3.27
K269182		8.05	<0.005	0.5	0.72	13	<10	540	0.5	<2	1.85	3.6	6	8	5	2.64
K269183		3.51	0.085	4.0	0.51	160	<10	20	0.6	<2	2.31	61.2	6	4	44	4.70
K269184		13.81	<0.005	<0.2	1.02	7	<10	520	<0.5	<2	1.24	<0.5	6	11	5	2.64
K269185		7.59	0.037	0.9	0.80	51	<10	50	0.5	<2	2.21	21.4	7	7	39	3.14
K269186		0.11	1.570	32.9	5.00	149	<10	40	<0.5	7	4.77	33.7	88	60	7360	8.47
K269187		13.44	0.006	<0.2	0.82	25	<10	570	0.5	<2	1.97	<0.5	7	7	13	2.64
K269188		9.92	0.015	0.3	0.96	52	<10	400	<0.5	<2	1.38	1.4	7	9	8	2.87
K269189		13.28	<0.005	<0.2	1.21	6	<10	330	<0.5	<2	1.02	<0.5	6	10	9	2.58

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Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11192498

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269179		<10	<1	0.23	20	0.62	501	<1	0.08	1	560	8	0.44	<2	5	338
K269180		<10	<1	0.26	20	0.86	756	<1	0.04	1	580	8	0.22	2	9	198
K269181		<10	<1	0.30	20	0.71	1920	<1	0.03	2	560	338	0.49	5	8	137
K269182		<10	<1	0.28	20	0.68	792	<1	0.05	<1	550	264	0.52	3	7	127
K269183		<10	<1	0.34	10	0.65	5210	<1	0.02	1	520	770	3.51	7	4	89
K269184		<10	<1	0.27	20	0.67	471	<1	0.09	<1	580	9	0.51	2	5	317
K269185		<10	<1	0.34	20	0.69	879	2	0.04	1	570	101	1.72	5	5	166
K269186		10	2	0.24	<10	1.18	646	50	0.35	318	690	8660	7.48	27	5	79
K269187		<10	<1	0.28	20	0.66	861	1	0.05	1	580	17	0.38	2	6	112
K269188		<10	1	0.29	20	0.60	665	2	0.10	5	570	53	0.69	2	6	71
K269189		10	<1	0.19	20	0.60	379	1	0.11	2	580	12	0.25	<2	3	54

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Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11192498

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269179		<20	0.04	<10	<10	41	<10	31	<1
K269180		<20	0.01	<10	<10	37	<10	36	1
K269181		<20	<0.01	<10	<10	28	<10	1280	1
K269182		<20	0.03	<10	<10	37	<10	279	3
K269183		<20	<0.01	<10	<10	9	<10	3870	3
K269184		<20	0.11	<10	<10	51	<10	36	<1
K269185		<20	0.01	<10	<10	27	<10	1420	1
K269186		<20	0.06	<10	<10	330	<10	7850	32
K269187		20	0.03	<10	<10	35	<10	50	<1
K269188		<20	0.06	<10	<10	45	<10	131	1
K269189		<20	0.15	<10	<10	56	<10	34	<1

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11192499

Project: Klaza DDH- 46

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
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ANALYTICAL PROCEDURES

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Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11192499

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K974043		4.85	0.022	0.3	0.60	47	<10	90	0.7	<2	3.47	0.9	9	22	16	2.98
K974044		6.26	0.008	0.3	0.74	10	<10	100	0.6	<2	2.19	2.9	11	36	11	3.12
K974045		9.22	0.214	0.5	0.75	58	<10	100	0.6	<2	2.04	4.3	8	7	17	3.11
K974046		4.24	4.25	18.1	0.42	1635	<10	30	0.5	18	1.53	48.1	7	4	365	3.92
K974047		6.74	0.015	0.5	0.69	18	<10	30	0.7	<2	1.98	0.8	9	4	12	3.21
K974048		9.24	0.010	0.2	0.95	17	<10	30	0.5	<2	1.77	<0.5	9	8	13	3.32
K974049		4.22	0.294	10.8	0.55	184	<10	10	0.5	6	2.07	49.7	14	4	93	5.78
K974050		2.08	<0.005	0.2	0.06	2	<10	30	<0.5	<2	19.9	<0.5	4	1	1	0.52
K269151		4.90	0.011	0.6	0.78	28	<10	20	<0.5	<2	1.94	1.4	11	4	8	3.51
K269152		9.23	0.013	0.3	0.89	10	<10	50	0.6	<2	2.14	0.6	9	6	9	3.01
K269153		3.68	0.248	3.5	0.50	180	<10	30	0.5	<2	2.43	40.9	7	6	22	4.26
K269154		7.74	0.273	11.4	0.48	1385	<10	30	0.6	12	1.84	26.5	6	4	122	5.73
K269155		4.17	0.077	2.4	0.68	40	<10	70	0.6	<2	2.02	21.5	8	5	28	3.33
K269156		10.52	0.059	0.9	0.64	158	<10	70	0.7	<2	2.80	8.8	8	5	12	3.38
K269157		4.65	0.726	11.0	0.49	452	<10	10	<0.5	7	1.94	76.2	11	5	83	5.34
K269158		1.55	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	19.4	<0.5	2	8	2	0.51
K269159		10.16	<0.005	<0.2	1.18	10	<10	280	0.5	<2	1.74	<0.5	7	15	6	3.03
K269160		14.63	<0.005	<0.2	1.29	8	<10	220	<0.5	<2	1.23	<0.5	7	15	4	2.83
K269161		13.64	0.006	0.2	1.23	8	<10	240	<0.5	<2	1.70	<0.5	8	11	6	2.93
K269162		14.30	0.010	0.2	1.17	8	<10	80	0.8	<2	2.43	<0.5	8	6	12	3.09
K269163		0.10	1.440	34.6	5.21	149	<10	40	<0.5	13	4.65	32.5	87	57	7480	8.59
K269164		9.10	0.011	<0.2	0.71	14	<10	120	0.5	<2	2.52	<0.5	9	5	15	3.12
K269165		6.22	0.018	0.5	0.62	27	<10	30	0.5	<2	3.08	0.6	9	6	18	4.24
K269166		6.76	0.357	3.4	0.54	483	<10	40	0.7	<2	2.98	17.1	9	5	31	3.91
K269167		3.16	<0.005	<0.2	0.82	7	<10	1000	1.1	<2	3.62	<0.5	4	5	5	1.92
K269168		1.54	<0.005	<0.2	0.81	5	<10	1490	1.1	<2	3.88	<0.5	4	4	5	1.99
K269169		3.74	0.016	0.2	1.29	105	<10	320	1.0	<2	2.47	1.2	7	5	10	3.23
K269170		3.56	<0.005	<0.2	0.90	51	<10	270	0.7	<2	2.26	<0.5	5	6	8	2.69
K269171		3.67	0.009	0.5	0.55	61	<10	370	0.7	<2	3.20	1.3	7	6	8	2.85
K269172		5.56	<0.005	<0.2	1.10	15	<10	260	0.5	<2	1.26	<0.5	6	9	11	2.83
K269173		2.91	0.038	0.6	0.81	101	<10	470	0.8	<2	2.58	2.5	7	5	9	2.86
K269174		7.85	<0.005	<0.2	0.93	18	<10	490	<0.5	<2	1.49	<0.5	7	12	8	2.86
K269175		0.10	1.410	32.8	4.92	145	<10	40	<0.5	12	4.80	33.3	88	59	7190	8.67
K269176		12.33	<0.005	0.3	1.20	12	<10	420	<0.5	<2	1.03	1.2	7	14	18	2.82
K269177		13.73	0.019	0.2	1.04	39	<10	370	<0.5	<2	1.61	1.6	7	12	9	3.00
K269178		13.76	<0.005	<0.2	1.08	10	<10	460	<0.5	<2	1.26	<0.5	7	12	6	2.94

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VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11192499

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K974043		<10	<1	0.30	20	0.90	1060	2	0.03	9	550	44	1.64	4	6	167
K974044		<10	<1	0.26	20	0.55	461	2	0.05	16	570	32	2.24	<2	4	125
K974045		<10	<1	0.22	20	0.59	742	1	0.05	2	560	47	1.43	2	6	123
K974046		<10	<1	0.28	10	0.46	2230	7	0.02	1	340	1170	3.18	54	3	64
K974047		<10	<1	0.27	20	0.61	714	<1	0.03	1	530	43	2.32	2	4	113
K974048		<10	<1	0.30	20	0.66	547	1	0.06	1	580	22	2.24	2	4	129
K974049		<10	<1	0.35	10	0.69	1760	2	0.03	1	460	1275	6.32	8	2	74
K974050		<10	<1	0.04	<10	13.20	239	<1	0.03	<1	160	5	0.05	<2	<1	45
K269151		<10	<1	0.40	10	0.28	397	3	0.03	3	590	77	3.68	<2	1	83
K269152		<10	<1	0.26	20	0.61	631	<1	0.05	2	610	33	1.82	<2	5	114
K269153		<10	<1	0.37	10	0.75	1730	1	0.03	<1	520	630	3.24	2	3	68
K269154		<10	<1	0.33	10	0.59	2060	5	0.03	<1	450	1385	2.56	15	4	68
K269155		<10	<1	0.28	20	0.64	882	<1	0.02	1	500	462	1.88	<2	5	101
K269156		<10	<1	0.35	20	0.78	1550	1	0.03	1	560	208	1.97	3	5	124
K269157		<10	<1	0.37	10	0.53	3200	2	0.03	<1	470	2810	4.96	7	2	39
K269158		<10	<1	0.04	<10	12.95	222	<1	0.03	4	170	8	0.04	<2	<1	45
K269159		<10	<1	0.18	20	0.62	605	1	0.09	4	600	23	0.82	<2	6	113
K269160		10	<1	0.17	20	0.68	496	1	0.11	3	610	12	0.23	<2	4	71
K269161		10	<1	0.18	20	0.68	522	<1	0.09	1	590	15	0.89	<2	5	80
K269162		<10	<1	0.22	20	0.39	424	<1	0.06	1	620	13	1.76	2	5	135
K269163		10	1	0.24	10	1.21	644	47	0.36	331	700	8530	7.62	26	4	78
K269164		<10	<1	0.28	20	0.40	621	1	0.01	5	590	16	2.54	2	5	85
K269165		<10	1	0.33	20	0.42	770	<1	0.03	3	500	65	3.67	3	3	100
K269166		<10	1	0.31	10	0.57	1160	7	0.01	9	510	842	3.25	10	3	168
K269167		<10	1	0.34	20	0.99	553	<1	0.03	5	660	12	0.04	<2	5	453
K269168		<10	<1	0.33	20	1.04	601	<1	0.03	7	650	15	0.05	<2	5	471
K269169		<10	<1	0.28	20	0.73	799	<1	0.03	3	610	63	0.71	4	7	225
K269170		<10	<1	0.26	20	0.51	766	<1	0.04	2	610	20	0.12	<2	8	194
K269171		<10	<1	0.27	20	0.89	1180	<1	0.03	3	530	71	0.63	2	7	236
K269172		<10	1	0.23	20	0.60	501	11	0.07	3	560	16	0.17	<2	5	100
K269173		<10	<1	0.26	20	0.83	1025	36	0.03	3	560	72	0.52	2	7	188
K269174		<10	<1	0.29	20	0.66	693	20	0.11	3	580	12	0.20	2	7	101
K269175		10	2	0.24	<10	1.19	652	49	0.33	332	690	8460	7.37	24	4	76
K269176		<10	<1	0.24	20	0.66	468	11	0.11	3	580	72	0.26	<2	4	113
K269177		<10	1	0.25	20	0.64	720	6	0.08	3	570	61	0.73	<2	4	421
K269178		<10	<1	0.21	20	0.65	493	1	0.10	3	570	12	0.64	<2	5	462

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11192499

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K974043		<20	<0.01	<10	<10	18	<10	96	<1
K974044		<20	<0.01	<10	<10	17	<10	198	<1
K974045		<20	<0.01	<10	<10	28	<10	317	<1
K974046		<20	<0.01	<10	<10	7	<10	3310	16
K974047		<20	<0.01	<10	<10	14	<10	68	<1
K974048		<20	0.01	<10	<10	24	<10	43	<1
K974049		<20	<0.01	<10	<10	9	<10	3750	8
K974050		<20	<0.01	<10	<10	2	<10	25	<1
K269151		<20	<0.01	<10	<10	4	<10	114	<1
K269152		<20	<0.01	<10	<10	23	<10	69	<1
K269153		<20	<0.01	<10	<10	8	<10	2790	2
K269154		<20	<0.01	<10	<10	13	<10	1705	10
K269155		<20	<0.01	<10	<10	20	<10	1385	2
K269156		<20	<0.01	<10	<10	14	<10	656	<1
K269157		<20	<0.01	<10	<10	6	<10	5450	9
K269158		<20	<0.01	<10	<10	2	<10	24	<1
K269159		<20	0.04	<10	<10	41	<10	51	<1
K269160		<20	0.13	<10	<10	55	<10	41	<1
K269161		20	0.06	<10	<10	44	<10	44	<1
K269162		<20	<0.01	<10	<10	27	<10	43	<1
K269163		<20	0.06	<10	<10	320	10	7920	30
K269164		<20	<0.01	<10	<10	16	<10	42	<1
K269165		<20	<0.01	<10	<10	13	<10	64	<1
K269166		<20	<0.01	<10	<10	10	<10	1200	2
K269167		<20	<0.01	<10	<10	12	<10	49	<1
K269168		<20	<0.01	<10	<10	12	<10	50	<1
K269169		<20	<0.01	<10	<10	30	<10	124	<1
K269170		20	0.01	<10	<10	35	<10	43	<1
K269171		<20	<0.01	<10	<10	25	<10	117	<1
K269172		<20	0.06	<10	<10	45	<10	48	<1
K269173		<20	<0.01	<10	<10	29	<10	198	<1
K269174		<20	0.05	<10	<10	44	<10	40	<1
K269175		<20	0.06	<10	<10	327	10	7530	31
K269176		<20	0.14	<10	<10	56	<10	119	<1
K269177		<20	0.07	<10	<10	43	<10	143	<1
K269178		<20	0.09	<10	<10	48	<10	33	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193190

Project: Klaza DDH- 44

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11193190

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828823		13.28	<0.005	<0.2	1.18	8	<10	160	<0.5	<2	1.35	0.7	6	10	3	2.75
L828824		5.45	0.499	>100	0.53	2340	<10	20	0.5	22	2.58	135.5	8	4	367	4.73
L828825		1.88	<0.005	<0.2	0.04	9	<10	10	<0.5	<2	19.4	<0.5	2	1	1	0.48
L828826		6.70	<0.005	0.2	0.83	12	<10	440	0.5	2	1.93	<0.5	7	8	2	2.61
L828827		5.57	0.142	1.4	0.66	1030	<10	60	0.6	2	2.50	7.4	7	5	11	3.64
L828828		10.51	<0.005	<0.2	1.06	7	<10	280	<0.5	2	1.69	<0.5	7	10	3	2.72
L828829		11.46	0.095	13.3	0.84	58	<10	290	0.5	2	1.98	2.1	8	8	5	2.72
L828830		5.50	0.154	5.1	0.52	203	<10	40	0.7	3	2.53	13.3	8	3	32	4.26
L828831		1.90	<0.005	<0.2	0.04	<2	<10	20	<0.5	2	19.5	<0.5	2	<1	2	0.48
L828832		3.99	0.005	<0.2	1.09	11	<10	160	0.5	2	1.63	<0.5	7	9	4	2.83
L828833		2.03	<0.005	<0.2	1.08	9	<10	170	0.5	2	1.50	<0.5	7	8	7	2.76
L828834		3.44	0.021	<0.2	0.73	50	<10	1000	0.7	3	2.45	<0.5	11	5	7	2.65
L828835		6.29	<0.005	<0.2	1.03	8	<10	220	0.5	<2	1.75	<0.5	6	9	4	2.76
L828836		2.71	0.016	<0.2	1.17	16	<10	110	0.7	4	2.43	<0.5	7	6	6	2.80
L828837		0.12	1.465	32.1	4.85	151	<10	30	<0.5	2	4.56	32.9	85	56	7200	8.18
L828838		12.79	<0.005	<0.2	1.14	6	<10	220	<0.5	<2	1.84	<0.5	6	8	16	2.75
L828839		12.04	0.005	<0.2	0.88	8	<10	350	<0.5	2	2.00	<0.5	8	7	7	2.45
L828840		2.75	0.932	23.8	0.62	238	<10	90	0.7	14	2.29	117.0	6	4	98	4.34
L828841		11.95	0.005	<0.2	0.88	13	<10	490	0.5	3	2.56	<0.5	10	6	9	2.68
L828842		14.36	0.005	0.3	1.01	7	<10	380	0.5	3	1.86	4.5	6	9	16	2.85
L828843		14.44	<0.005	<0.2	1.05	13	<10	200	<0.5	2	1.78	<0.5	7	9	18	2.78
L828844		0.11	1.500	33.7	4.95	149	<10	30	<0.5	3	4.68	33.7	88	59	7370	8.38
L828845		14.22	<0.005	<0.2	1.04	7	<10	260	<0.5	<2	1.42	<0.5	7	9	21	2.79
L828846		9.54	0.009	0.2	0.89	36	<10	1140	0.7	3	2.69	4.2	8	7	26	3.05
L828847		13.15	0.008	<0.2	1.18	11	<10	300	0.5	2	1.30	2.8	7	9	19	2.79
L828848		8.37	0.006	<0.2	1.07	12	<10	350	<0.5	2	1.41	1.0	7	10	12	2.73
L828849		4.21	2.56	1.7	0.56	1510	<10	50	0.9	3	3.19	44.7	6	4	23	3.92
L828850		3.35	0.010	<0.2	1.02	13	<10	570	0.7	2	2.27	<0.5	8	6	11	3.46
L828851		6.49	0.093	1.1	0.55	440	<10	90	0.8	3	2.94	13.5	8	4	25	3.12
L828852		7.53	0.011	0.3	0.62	31	<10	510	0.8	2	2.05	6.7	8	5	17	2.93
L828853		9.30	0.697	9.4	0.51	1760	<10	10	0.5	6	2.85	65.5	12	4	108	4.73
L828854		5.23	<0.005	<0.2	0.78	11	<10	480	0.5	2	3.11	<0.5	8	5	3	2.34
L828855		12.93	<0.005	<0.2	1.35	4	<10	430	0.6	<2	2.85	<0.5	7	6	3	2.81
L828856		5.92	0.013	<0.2	1.10	15	<10	480	0.5	2	2.89	1.1	5	6	5	2.74
L828857		7.07	0.013	<0.2	0.79	17	<10	880	0.7	2	2.83	1.6	5	6	7	2.46
L828858		12.72	<0.005	<0.2	0.83	7	<10	470	0.9	2	2.84	<0.5	11	4	8	2.61

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11193190

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828823		10	1	0.18	20	0.68	550	<1	0.08	1	560	29	0.08	<2	5	56
L828824		10	1	0.37	10	0.77	3850	<1	0.02	<1	450	>10000	3.96	118	3	65
L828825		<10	1	0.02	<10	12.35	233	<1	0.02	1	190	31	0.04	<2	<1	47
L828826		10	1	0.24	20	0.66	534	<1	0.05	<1	570	21	0.29	2	6	88
L828827		<10	1	0.41	20	0.63	2070	<1	0.02	<1	560	335	1.60	8	5	79
L828828		10	1	0.19	20	0.69	589	<1	0.08	<1	600	10	0.10	2	6	77
L828829		10	1	0.25	20	0.66	1265	<1	0.06	<1	560	2670	0.33	8	6	79
L828830		10	1	0.33	10	0.76	4810	<1	0.01	3	500	1680	1.64	10	5	77
L828831		<10	<1	0.02	<10	12.35	226	<1	0.01	1	180	11	0.03	<2	1	45
L828832		10	<1	0.19	20	0.69	510	<1	0.07	1	620	14	0.08	<2	6	69
L828833		10	<1	0.19	20	0.66	498	<1	0.08	1	600	13	0.08	<2	6	64
L828834		<10	1	0.20	30	0.57	775	<1	0.02	1	590	12	0.23	4	8	79
L828835		10	<1	0.17	20	0.62	511	<1	0.07	<1	600	12	0.09	3	6	93
L828836		10	1	0.20	30	0.53	712	<1	0.02	1	630	28	0.15	2	8	84
L828837		10	1	0.23	10	1.12	625	44	0.32	313	670	8430	6.94	27	4	74
L828838		10	<1	0.17	20	0.65	465	<1	0.07	1	580	15	0.13	<2	5	64
L828839		<10	<1	0.23	20	0.44	464	<1	0.06	1	550	12	0.34	3	5	66
L828840		10	1	0.27	10	0.62	2950	2	0.02	<1	490	5960	2.45	21	6	67
L828841		<10	1	0.28	20	0.48	589	<1	0.05	1	550	39	0.41	2	6	76
L828842		10	<1	0.25	20	0.59	666	<1	0.05	<1	570	96	0.15	2	5	66
L828843		10	1	0.19	20	0.66	639	<1	0.08	1	570	17	0.09	<2	6	73
L828844		10	1	0.24	10	1.15	642	46	0.33	323	680	8570	7.08	24	5	77
L828845		10	1	0.19	20	0.65	567	<1	0.09	2	580	26	0.07	<2	5	69
L828846		<10	<1	0.30	20	0.71	1040	<1	0.03	<1	630	87	0.28	3	7	103
L828847		10	1	0.20	20	0.62	599	<1	0.07	<1	580	56	0.07	<2	5	57
L828848		10	<1	0.25	20	0.60	605	<1	0.09	<1	530	34	0.06	2	6	65
L828849		10	1	0.34	20	1.04	4370	<1	0.01	<1	510	169	1.48	8	6	86
L828850		10	<1	0.27	20	0.68	1225	1	0.01	1	580	34	0.21	4	7	73
L828851		<10	1	0.32	20	0.89	2230	1	0.01	2	500	117	0.99	8	6	83
L828852		<10	1	0.33	20	0.70	971	1	0.01	<1	530	128	0.40	5	8	101
L828853		10	1	0.36	10	0.79	2350	2	0.01	<1	430	1370	4.04	20	3	62
L828854		<10	<1	0.32	30	0.73	734	<1	0.03	1	580	12	0.56	3	4	90
L828855		10	1	0.24	20	0.65	644	<1	0.03	<1	580	12	0.38	2	6	77
L828856		<10	1	0.30	30	0.54	755	<1	0.03	<1	610	27	0.37	<2	5	80
L828857		<10	1	0.33	20	0.86	775	<1	0.01	<1	520	39	0.25	3	6	159
L828858		<10	1	0.32	20	0.85	662	<1	0.01	<1	540	18	0.58	<2	6	139

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Finalized Date: 17- NOV- 2011
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Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11193190

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L828823		20	0.07	<10	<10	51	<10	85	<1	
L828824		<20	<0.01	<10	<10	12	40	9030	143	1.580
L828825		<20	<0.01	<10	<10	2	<10	62	<1	
L828826		<20	0.01	<10	<10	37	<10	39	<1	
L828827		<20	<0.01	<10	<10	15	<10	709	1	
L828828		20	0.05	<10	<10	47	<10	34	<1	
L828829		<20	0.01	<10	<10	34	<10	155	9	
L828830		<20	<0.01	<10	10	14	<10	1005	5	
L828831		<20	<0.01	<10	<10	2	<10	18	<1	
L828832		20	0.05	<10	<10	49	<10	32	<1	
L828833		20	0.06	<10	<10	49	<10	31	<1	
L828834		<20	<0.01	<10	<10	35	<10	41	<1	
L828835		<20	0.03	<10	<10	46	<10	34	<1	
L828836		20	<0.01	<10	<10	39	<10	42	<1	
L828837		<20	0.05	<10	10	316	50	7750	29	
L828838		20	0.05	<10	<10	48	<10	52	<1	
L828839		<20	0.01	<10	<10	36	<10	36	2	
L828840		<20	<0.01	<10	<10	23	40	7780	22	
L828841		<20	0.01	<10	<10	33	<10	68	1	
L828842		<20	0.04	<10	<10	41	<10	296	<1	
L828843		20	0.05	<10	<10	47	<10	47	1	
L828844		<20	0.06	<10	10	326	40	7930	30	
L828845		20	0.07	<10	<10	49	<10	67	<1	
L828846		20	0.01	<10	<10	37	<10	327	1	
L828847		<20	0.07	<10	<10	48	<10	216	1	
L828848		20	0.06	<10	<10	46	<10	107	<1	
L828849		<20	<0.01	<10	10	17	10	2850	3	
L828850		<20	<0.01	<10	<10	34	<10	73	1	
L828851		<20	<0.01	<10	<10	14	<10	935	2	
L828852		<20	<0.01	<10	<10	29	<10	452	1	
L828853		<20	<0.01	<10	10	13	20	4500	9	
L828854		<20	<0.01	<10	<10	20	<10	61	<1	
L828855		<20	<0.01	<10	<10	26	<10	70	<1	
L828856		<20	<0.01	<10	<10	24	<10	129	1	
L828857		<20	<0.01	<10	<10	23	<10	158	<1	
L828858		<20	<0.01	<10	<10	23	<10	56	1	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193191

Project: Klaza DDH- 55

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11193191

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829259		7.65	<0.005	<0.2	1.03	5	<10	250	0.5	2	1.33	3.0	6	9	6	3.03
L829260		12.71	<0.005	0.5	1.24	7	<10	280	<0.5	<2	1.84	2.3	5	9	4	3.09
L829261		13.68	<0.005	1.0	1.27	8	<10	410	0.5	<2	1.79	4.6	6	10	5	3.24
L829262		12.14	<0.005	<0.2	0.98	8	<10	530	0.6	2	1.77	1.7	6	7	1	2.92
L829263		13.22	<0.005	<0.2	0.79	6	<10	520	0.6	<2	1.83	2.0	5	7	2	2.95
L829264		0.09	1.520	33.7	4.96	154	<10	40	<0.5	<2	4.72	33.7	90	59	7410	8.42
L829265		6.78	<0.005	<0.2	1.06	3	<10	430	0.5	2	1.46	<0.5	6	8	10	2.77
L829266		3.79	0.009	1.6	0.91	18	<10	750	0.6	4	1.35	6.4	7	8	10	3.32
L829267		8.46	<0.005	<0.2	1.08	6	<10	360	0.5	3	1.76	0.7	5	10	1	3.15
L829268		9.18	<0.005	<0.2	1.13	10	<10	250	0.7	2	2.20	<0.5	5	7	3	2.85
L829269		8.71	<0.005	1.1	0.75	10	<10	260	0.6	2	1.37	10.4	4	5	14	2.92
L829270		3.43	0.022	0.9	0.87	21	<10	200	0.7	3	1.72	6.6	8	4	2	3.52
L829271		2.13	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.2	<0.5	2	1	<1	0.51
L829272		11.97	<0.005	0.3	0.69	10	<10	410	0.5	2	2.06	1.7	5	6	1	2.96
L829273		4.28	0.005	1.4	0.52	9	<10	300	<0.5	3	2.78	9.0	6	4	17	3.17
L829274		6.01	0.046	<0.2	0.73	45	<10	220	0.5	<2	1.99	1.2	6	6	2	3.49
L829275		6.37	0.462	22.0	0.70	615	<10	90	0.7	16	1.17	16.7	7	3	227	4.22
L829276		2.33	<0.005	<0.2	0.07	2	<10	30	<0.5	<2	20.1	<0.5	2	1	<1	0.50
L829277		11.45	0.210	3.0	0.60	192	<10	150	0.8	6	1.68	30.8	5	2	84	2.36
L829278		7.18	0.014	0.7	0.76	10	<10	20	1.0	3	0.29	4.4	1	2	3	0.61
L829279		8.64	0.061	1.0	0.71	39	<10	40	0.9	2	0.22	4.9	2	4	12	0.81
L829280		4.82	1.620	32.0	0.45	378	<10	90	0.7	12	4.98	249	3	1	284	5.62
L829281		4.89	0.276	7.6	0.60	568	<10	200	0.6	4	1.09	67.6	6	3	38	4.66
L829282		8.24	0.048	1.2	1.02	121	<10	210	0.8	3	1.86	3.9	5	4	8	3.70
L829283		0.14	3.37	>100	0.20	>10000	<10	10	<0.5	<2	0.45	366	3	9	1755	15.2
L829284		8.38	0.016	2.2	0.66	178	<10	360	0.5	2	1.89	11.7	3	4	8	3.47
L829285		6.57	0.050	2.7	0.56	97	<10	270	<0.5	3	1.80	20.1	5	3	23	3.49
L829286		8.58	<0.005	0.3	0.63	41	<10	490	0.5	3	2.05	3.3	11	4	1	3.88
L829287		3.87	0.008	0.4	0.64	41	<10	320	0.5	3	2.11	4.6	11	4	3	3.96
L829288		12.66	0.006	1.2	0.97	24	<10	320	0.6	<2	1.74	14.6	4	7	9	4.34
L829289		7.31	<0.005	<0.2	1.51	14	<10	350	0.7	2	1.62	<0.5	4	7	2	3.41
L829290		10.03	0.009	2.4	0.79	16	<10	540	<0.5	3	1.57	20.5	10	6	9	2.03
L829291		3.57	0.023	2.4	0.62	16	<10	590	<0.5	<2	2.09	20.9	6	5	8	1.57
L829292		4.13	0.009	<0.2	0.88	24	<10	230	0.5	3	4.18	0.6	27	5	<1	3.58
L829293		11.17	<0.005	0.2	1.21	13	<10	590	0.6	2	2.52	3.9	5	6	1	3.07
L829294		7.74	<0.005	0.2	0.78	11	<10	500	<0.5	<2	2.39	3.2	6	6	1	2.01

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11193191

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829259		10	<1	0.21	20	0.43	803	<1	0.06	1	630	70	0.08	3	6	43
L829260		10	1	0.21	20	0.68	807	<1	0.06	<1	630	408	0.06	<2	7	64
L829261		10	1	0.24	20	0.65	914	<1	0.06	<1	640	738	0.13	<2	7	67
L829262		<10	<1	0.22	30	0.25	892	1	0.02	<1	640	13	0.09	2	7	46
L829263		<10	1	0.22	30	0.33	1010	<1	0.02	<1	610	82	0.09	3	7	52
L829264		10	1	0.24	10	1.15	643	47	0.33	322	690	8710	7.18	28	5	77
L829265		10	1	0.16	30	0.37	806	<1	0.02	<1	650	17	0.05	4	9	44
L829266		10	1	0.29	20	0.40	1395	<1	0.03	2	600	605	0.30	2	7	49
L829267		10	1	0.22	20	0.62	863	<1	0.07	<1	620	33	0.08	3	7	77
L829268		<10	<1	0.21	30	0.37	726	1	0.03	<1	620	11	0.05	2	8	67
L829269		<10	1	0.31	20	0.36	1545	2	0.01	<1	600	187	0.19	2	7	41
L829270		<10	1	0.26	20	0.51	1500	1	0.01	2	560	367	0.55	4	6	49
L829271		<10	1	0.03	<10	12.35	228	<1	0.01	<1	170	2	0.03	2	<1	49
L829272		<10	1	0.30	20	0.51	1680	2	0.01	<1	600	108	0.45	<2	5	59
L829273		<10	<1	0.30	20	0.75	2100	<1	0.01	1	480	660	0.86	3	4	67
L829274		10	1	0.39	20	0.54	3200	<1	0.01	<1	540	93	0.76	2	4	45
L829275		10	1	0.31	20	0.31	2420	2	0.01	<1	490	2860	1.51	24	3	32
L829276		<10	1	0.04	<10	12.70	231	<1	0.02	<1	180	9	0.04	<2	<1	55
L829277		10	1	0.28	10	0.47	2740	<1	0.01	<1	220	564	1.03	6	2	53
L829278		<10	1	0.16	<10	0.10	484	<1	0.01	<1	20	181	0.10	3	2	27
L829279		<10	<1	0.22	<10	0.07	388	4	0.01	<1	30	250	0.07	4	2	25
L829280		10	4	0.24	<10	1.86	5020	17	0.01	<1	210	6420	3.04	31	3	73
L829281		10	1	0.35	20	0.38	3730	1	0.01	<1	480	2480	1.22	8	3	29
L829282		<10	1	0.29	20	0.61	1545	<1	0.02	2	520	366	0.38	3	4	57
L829283		10	1	0.08	<10	0.19	1620	<1	0.01	9	150	>10000	>10.0	600	1	19
L829284		10	1	0.36	20	0.58	2110	<1	0.01	<1	580	1140	0.41	3	3	47
L829285		10	1	0.36	20	0.59	2370	3	0.01	<1	540	1025	0.69	3	3	43
L829286		<10	1	0.31	20	0.55	1985	6	0.01	<1	510	167	0.52	2	4	50
L829287		<10	1	0.31	20	0.60	2090	8	0.01	<1	540	240	0.56	2	4	49
L829288		10	<1	0.34	20	0.59	1915	<1	0.01	1	550	749	0.49	<2	4	44
L829289		10	<1	0.23	50	0.46	596	<1	0.01	<1	670	13	0.07	3	6	48
L829290		<10	<1	0.33	30	0.38	997	<1	0.01	1	590	1365	0.40	3	4	42
L829291		<10	<1	0.38	10	0.65	1190	3	0.01	<1	610	901	0.25	<2	2	55
L829292		10	2	0.32	20	0.39	1255	<1	0.02	1	630	31	0.62	4	4	91
L829293		<10	1	0.29	20	0.50	899	<1	0.01	10	610	108	0.12	2	4	69
L829294		<10	1	0.34	20	0.50	1455	<1	0.01	1	570	139	0.19	2	3	67

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VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11193191

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829259		<20	0.02	<10	<10	46	<10	214	1		
L829260		<20	0.01	<10	<10	49	<10	215	3		
L829261		<20	0.01	<10	<10	47	<10	366	5		
L829262		<20	<0.01	<10	<10	40	<10	173	1		
L829263		<20	<0.01	<10	<10	37	<10	163	<1		
L829264		<20	0.06	<10	10	330	40	8070	30		
L829265		<20	0.01	<10	<10	47	<10	61	1		
L829266		<20	0.01	<10	<10	36	<10	562	2		
L829267		<20	0.02	<10	<10	49	<10	92	<1		
L829268		20	<0.01	<10	<10	42	<10	84	<1		
L829269		<20	<0.01	<10	<10	28	<10	836	2		
L829270		<20	<0.01	<10	<10	27	<10	631	2		
L829271		<20	<0.01	<10	<10	2	<10	18	<1		
L829272		<20	<0.01	<10	<10	19	<10	218	1		
L829273		<20	<0.01	<10	<10	14	<10	765	2		
L829274		<20	<0.01	<10	<10	14	<10	259	1		
L829275		<20	<0.01	<10	<10	14	<10	1100	21		
L829276		<20	<0.01	<10	<10	2	<10	19	1		
L829277		<20	<0.01	<10	<10	6	10	3170	3		
L829278		20	<0.01	<10	10	1	<10	378	2		
L829279		20	<0.01	<10	<10	2	<10	423	1		
L829280		<20	<0.01	<10	10	12	<10	>10000	28		1.110
L829281		<20	<0.01	<10	10	10	10	2860	7		
L829282		<20	<0.01	<10	<10	19	<10	1500	2		
L829283		<20	<0.01	<10	10	14	160	>10000	411	3.09	3.50
L829284		<20	<0.01	<10	<10	13	<10	1305	3		
L829285		<20	<0.01	<10	<10	12	<10	1780	4		
L829286		<20	<0.01	<10	<10	31	<10	425	1		
L829287		<20	<0.01	<10	<10	27	<10	533	1		
L829288		<20	<0.01	<10	10	22	<10	1145	2		
L829289		20	<0.01	<10	<10	39	<10	136	1		
L829290		<20	<0.01	<10	<10	22	<10	1330	3		
L829291		<20	<0.01	<10	<10	11	<10	1370	3		
L829292		<20	<0.01	<10	<10	49	<10	106	<1		
L829293		<20	<0.01	<10	<10	27	<10	362	1		
L829294		<20	<0.01	<10	<10	17	<10	261	1		

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193192

Project: Klaza DDH- 61

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11193192

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972813		8.46	<0.005	0.8	1.01	5	<10	310	<0.5	<2	1.03	0.9	7	10	12	2.70
K972814		7.51	<0.005	1.2	0.84	15	<10	570	0.7	<2	1.93	1.1	7	7	9	3.07
K972815		10.40	0.014	1.6	0.84	13	<10	610	0.6	<2	1.64	18.7	7	4	15	3.46
K972816		10.72	<0.005	0.3	1.04	7	<10	400	0.6	<2	1.58	1.0	9	5	11	3.23
K972817		12.79	0.327	27.8	0.61	248	<10	140	0.7	46	2.19	35.6	7	3	123	4.24
K972818		11.10	2.03	23.2	0.43	928	<10	50	0.6	22	2.38	170.0	4	4	476	6.04
K972819		1.82	<0.005	0.2	0.05	2	<10	30	<0.5	<2	18.9	0.5	1	2	4	0.47
K972820		13.62	<0.005	0.2	0.44	12	<10	30	0.8	<2	0.25	6.7	1	2	5	0.50
K972821		6.21	<0.005	0.4	0.51	10	<10	30	0.8	<2	0.37	4.8	<1	2	6	0.56
K972822		11.98	0.093	1.2	0.41	49	<10	220	0.7	<2	0.12	11.7	1	5	12	0.81
K972823		3.08	4.48	13.1	0.38	>10000	<10	10	<0.5	9	0.12	438	7	6	241	11.70
K972824		2.53	0.006	0.2	0.05	33	<10	10	<0.5	<2	18.6	0.8	<1	2	<1	0.48
K972825		12.18	0.895	5.0	0.42	3290	<10	40	0.6	2	1.61	147.5	4	4	91	4.73
K972826		10.11	0.028	0.4	1.31	15	<10	670	0.9	<2	1.61	1.1	3	5	5	3.42
K972827		10.87	0.032	0.7	3.42	26	<10	500	1.8	<2	3.53	2.4	8	73	5	5.96
K972828		8.91	<0.005	0.3	1.30	26	<10	700	0.7	<2	4.24	1.6	9	30	2	3.39
K972829		10.80	0.005	0.4	0.47	25	<10	550	0.5	<2	3.94	3.3	3	5	6	2.58
K972830		0.06	1.520	31.0	4.56	138	<10	40	<0.5	24	4.39	31.1	79	54	6580	7.86
K972831		9.31	0.006	0.5	0.47	17	<10	1010	0.5	<2	7.5	1.9	5	6	13	2.66
K972832		8.47	<0.005	0.3	0.61	14	<10	200	0.6	<2	2.43	1.1	5	9	3	2.27
K972833		10.42	0.005	0.5	1.20	15	<10	700	0.8	<2	3.08	2.0	3	5	5	3.34
K972834		5.92	0.005	1.1	3.18	19	<10	500	0.9	<2	4.28	7.6	10	87	11	5.15
K972835		9.81	<0.005	<0.2	1.46	10	<10	360	0.5	<2	2.18	<0.5	5	14	5	2.98
K972836		15.39	<0.005	0.2	2.25	21	<10	650	<0.5	<2	3.29	<0.5	9	86	2	4.32
K972837		13.47	0.017	1.7	2.44	31	<10	940	<0.5	<2	3.18	10.8	8	82	8	5.52
K972838		8.09	<0.005	0.2	1.88	20	<10	470	<0.5	<2	2.10	<0.5	8	76	2	4.05
K972839		6.18	<0.005	<0.2	1.93	25	<10	610	<0.5	<2	2.36	<0.5	8	78	2	4.08
K972840		9.88	0.012	0.3	1.02	16	<10	330	<0.5	<2	2.04	1.2	6	11	11	2.89
K972841		7.09	<0.005	<0.2	0.92	33	<10	270	<0.5	<2	1.80	<0.5	6	8	5	2.71
K972842		10.30	0.009	0.3	1.02	10	<10	370	<0.5	<2	1.63	2.5	5	10	8	2.73
K972843		0.06	1.480	34.6	4.79	154	<10	30	<0.5	3	4.57	32.3	83	56	6920	8.15
K972844		12.01	<0.005	0.3	1.07	10	<10	180	<0.5	<2	1.30	2.9	6	10	15	2.76
K972845		12.58	0.014	0.2	1.13	8	<10	200	<0.5	<2	1.39	1.6	5	10	8	2.61
K972846		14.80	0.005	<0.2	1.05	5	<10	250	<0.5	<2	1.40	1.3	6	11	8	2.70
K972847		11.96	0.011	0.3	0.84	7	<10	220	<0.5	<2	1.53	1.6	6	9	9	2.53
K972848		8.61	1.825	29.4	0.50	1290	<10	30	0.6	21	2.02	58.1	6	5	192	4.96

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11193192

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972813		<10	<1	0.15	20	0.52	485	1	0.08	2	590	50	0.01	3	6	48
K972814		<10	<1	0.21	20	0.44	792	1	0.03	1	720	25	0.09	4	9	64
K972815		<10	<1	0.23	20	0.44	1225	1	0.03	1	800	293	0.26	3	8	53
K972816		<10	<1	0.17	20	0.51	1010	1	0.04	1	850	33	0.05	5	9	52
K972817		<10	<1	0.30	20	0.65	2010	1	0.02	<1	730	1110	1.21	15	7	61
K972818		<10	1	0.30	10	0.87	3610	3	0.02	<1	430	1215	5.39	44	2	64
K972819		<10	<1	0.03	<10	11.45	211	<1	0.03	3	180	7	0.09	<2	<1	44
K972820		<10	<1	0.17	<10	0.08	416	2	0.01	<1	10	47	0.01	2	2	21
K972821		<10	<1	0.19	<10	0.13	458	1	<0.01	2	10	32	0.01	3	2	21
K972822		<10	1	0.15	<10	0.04	428	3	0.01	2	40	97	0.10	6	2	15
K972823		<10	1	0.21	10	0.04	196	7	0.01	<1	310	1015	>10.0	55	1	12
K972824		<10	1	0.03	<10	11.50	205	<1	<0.01	5	180	2	<0.01	2	<1	41
K972825		<10	1	0.28	10	0.58	2100	2	0.01	2	500	989	2.75	11	4	34
K972826		<10	1	0.22	20	0.65	625	3	0.01	5	600	100	0.11	3	6	45
K972827		10	1	0.12	30	1.96	1110	5	0.01	13	1340	304	0.22	<2	17	89
K972828		<10	1	0.20	40	0.95	973	5	0.01	13	850	13	0.31	<2	10	97
K972829		<10	1	0.26	20	0.72	1455	4	0.01	6	500	108	0.21	2	5	91
K972830		10	2	0.22	10	1.09	589	43	0.32	292	650	7670	6.33	28	4	73
K972831		<10	1	0.25	20	0.73	2100	22	0.01	3	560	171	0.19	3	5	161
K972832		<10	1	0.29	20	0.54	1045	9	0.01	4	690	45	0.12	<2	7	64
K972833		<10	1	0.27	30	0.61	790	<1	0.02	4	610	89	0.09	3	6	79
K972834		10	1	0.12	10	2.25	1690	<1	0.05	18	1340	433	0.13	2	16	114
K972835		10	1	0.13	10	0.99	544	1	0.04	8	640	20	0.04	2	7	54
K972836		10	<1	0.06	10	2.33	882	2	0.06	19	1280	38	0.07	<2	11	113
K972837		10	1	0.11	10	2.29	1865	3	0.04	18	1230	757	0.26	<2	11	107
K972838		10	1	0.05	10	1.94	695	3	0.07	17	1220	11	0.07	<2	8	65
K972839		10	1	0.05	10	1.92	822	3	0.07	16	1250	9	0.09	<2	9	70
K972840		<10	1	0.17	20	0.85	809	<1	0.05	4	600	96	0.13	<2	6	63
K972841		<10	1	0.16	20	0.67	510	<1	0.06	2	590	23	0.06	<2	7	74
K972842		<10	1	0.16	20	0.70	541	<1	0.08	2	580	48	0.07	<2	5	63
K972843		10	1	0.23	10	1.15	613	43	0.34	301	670	7950	6.66	24	4	75
K972844		<10	1	0.15	20	0.67	396	1	0.08	3	620	86	0.06	<2	5	49
K972845		10	1	0.14	20	0.65	473	<1	0.07	3	560	73	0.04	2	5	49
K972846		<10	1	0.15	20	0.64	482	<1	0.08	3	580	61	0.04	<2	5	60
K972847		<10	1	0.16	20	0.62	675	1	0.06	2	540	55	0.08	<2	5	59
K972848		<10	2	0.29	10	0.77	1870	1	0.01	1	500	7830	2.21	20	4	65

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11193192

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K972813		<20	0.04	<10	<10	46	<10	86	<1	
K972814		<20	0.01	<10	<10	44	<10	102	1	
K972815		<20	<0.01	<10	<10	44	<10	1230	1	
K972816		<20	0.01	<10	<10	50	<10	121	<1	
K972817		<20	<0.01	<10	<10	29	<10	2210	29	
K972818		<20	<0.01	<10	<10	7	<10	>10000	23	1.120
K972819		<20	<0.01	<10	<10	1	<10	40	<1	
K972820		20	<0.01	<10	<10	2	<10	449	<1	
K972821		<20	<0.01	<10	<10	1	<10	362	<1	
K972822		<20	<0.01	<10	<10	3	<10	1010	1	
K972823		<20	<0.01	<10	<10	8	<10	>10000	13	2.50
K972824		<20	<0.01	<10	10	<1	<10	57	<1	
K972825		<20	<0.01	<10	<10	17	<10	8710	5	
K972826		<20	<0.01	<10	<10	29	<10	319	1	
K972827		<20	0.02	<10	<10	101	<10	515	1	
K972828		<20	<0.01	<10	<10	55	<10	545	1	
K972829		<20	<0.01	<10	<10	27	<10	321	<1	
K972830		<20	0.05	<10	<10	300	<10	7200	30	
K972831		<20	<0.01	<10	10	25	<10	193	1	
K972832		<20	<0.01	<10	<10	32	<10	161	<1	
K972833		<20	<0.01	<10	<10	32	<10	224	1	
K972834		<20	0.03	<10	<10	115	<10	686	1	
K972835		<20	0.01	<10	<10	56	<10	73	<1	
K972836		<20	0.14	<10	<10	120	<10	93	<1	
K972837		<20	0.10	<10	<10	110	<10	891	1	
K972838		<20	0.16	<10	<10	101	<10	70	<1	
K972839		<20	0.17	<10	<10	101	<10	70	<1	
K972840		<20	0.04	<10	<10	48	<10	110	<1	
K972841		<20	0.02	<10	<10	45	<10	50	1	
K972842		<20	0.07	<10	<10	47	<10	181	<1	
K972843		<20	0.05	<10	<10	314	<10	7490	30	
K972844		<20	0.10	<10	<10	55	<10	209	<1	
K972845		<20	0.09	<10	<10	49	<10	125	<1	
K972846		<20	0.07	<10	<10	49	<10	101	<1	
K972847		<20	0.03	<10	<10	39	<10	127	<1	
K972848		<20	<0.01	<10	<10	17	<10	4100	28	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193193

Project: Klaza DDH- 63

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11193193

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973891		5.68	<0.005	<0.2	0.87	10	<10	530	0.7	<2	2.08	<0.5	4	6	3	2.69
K973892		4.38	1.020	14.7	0.49	1885	<10	120	0.5	<2	1.56	47.9	3	4	204	5.02
K973893		2.23	<0.005	<0.2	0.04	9	<10	10	<0.5	<2	18.6	<0.5	1	1	3	0.48
K973894		9.66	<0.005	<0.2	0.91	11	<10	210	<0.5	<2	1.73	1.0	5	10	4	2.52
K973895		13.57	<0.005	0.3	1.06	14	<10	290	<0.5	<2	1.96	1.6	4	10	6	2.84
K973896		6.67	<0.005	<0.2	1.01	6	<10	420	<0.5	<2	1.81	<0.5	4	9	1	2.60
K973897		4.77	0.165	4.4	0.62	158	<10	110	0.7	2	2.85	31.4	4	5	62	3.31
K973898		6.76	<0.005	<0.2	0.88	10	<10	420	0.6	<2	2.19	<0.5	4	6	1	2.60
K973899		8.35	<0.005	<0.2	1.00	14	<10	430	0.7	<2	2.02	<0.5	5	8	2	2.81
K973900		14.71	<0.005	<0.2	0.99	13	<10	330	<0.5	<2	1.83	<0.5	5	11	2	2.82
K973901		0.06	1.480	32.3	4.87	152	<10	40	<0.5	9	4.73	32.8	86	58	6990	8.60
K973902		4.27	0.005	<0.2	0.90	10	<10	350	<0.5	<2	1.80	<0.5	4	9	16	2.54
K973903		3.95	0.887	11.4	0.78	289	<10	130	0.7	12	2.04	100.0	5	6	191	3.73
K973904		2.63	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	20.3	<0.5	1	2	4	0.47
K973905		14.18	<0.005	<0.2	1.05	6	<10	250	<0.5	2	1.41	<0.5	5	9	2	2.52
K973906		7.22	<0.005	<0.2	0.91	3	<10	420	0.5	<2	1.28	<0.5	4	7	3	2.71
K973907		10.10	0.006	<0.2	1.14	11	<10	350	0.5	<2	1.99	0.9	4	7	2	3.28
K973908		8.00	<0.005	<0.2	1.26	7	<10	270	0.6	<2	2.25	<0.5	3	6	2	2.28
K973909		3.89	0.006	0.2	1.07	16	<10	90	0.7	<2	5.67	0.5	9	3	2	2.66
K973910		5.53	0.066	1.7	0.81	90	<10	80	<0.5	4	2.67	3.8	29	3	5	8.44
K973911		4.63	0.006	<0.2	0.63	19	<10	130	<0.5	<2	3.23	<0.5	2	4	1	2.10
K973912		10.84	<0.005	<0.2	1.15	4	<10	460	0.5	<2	2.05	<0.5	5	8	4	2.34
K973913		10.69	<0.005	<0.2	1.21	3	<10	510	0.5	<2	2.07	<0.5	5	7	1	2.49
K973914		6.57	<0.005	<0.2	0.74	4	<10	240	0.5	<2	2.53	<0.5	4	7	1	2.20
K973915		2.77	<0.005	<0.2	0.92	4	<10	240	0.6	<2	2.69	<0.5	4	5	1	2.33
K973916		4.53	<0.005	<0.2	0.62	23	<10	150	<0.5	<2	2.64	0.6	4	5	2	3.06
K973917		8.05	<0.005	<0.2	0.68	6	<10	180	0.5	<2	1.69	0.6	4	5	1	2.28
K973918		8.54	0.057	0.3	0.64	62	<10	280	0.5	2	3.10	1.5	4	5	4	2.36
K973919		12.92	<0.005	0.4	0.58	7	<10	90	<0.5	2	2.34	1.4	4	5	3	1.40
K973920		10.94	0.005	<0.2	0.48	10	<10	150	<0.5	<2	1.68	<0.5	5	4	1	1.30
K973921		7.43	0.010	<0.2	0.65	59	<10	220	0.5	<2	3.08	<0.5	4	5	1	2.13
K973922		0.06	NSS	35.4	5.00	150	<10	40	<0.5	7	4.68	33.7	91	57	7520	8.39
K973923		4.41	0.080	3.3	0.59	101	<10	100	<0.5	<2	2.64	23.1	7	5	36	3.67
K973924		5.52	0.007	<0.2	0.53	10	<10	140	<0.5	<2	1.95	1.3	4	4	3	1.39
K973925		3.45	0.091	2.8	0.45	62	<10	80	<0.5	2	0.99	8.8	6	5	18	2.40
K973926		4.88	<0.005	<0.2	0.64	6	<10	360	0.5	<2	1.89	<0.5	4	5	1	2.89

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193193

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973891		<10	<1	0.25	20	0.55	701	<1	0.03	4	570	32	0.12	<2	7	85
K973892		<10	1	0.38	10	0.57	2400	12	0.01	3	480	3520	2.85	83	3	33
K973893		<10	<1	0.02	<10	11.90	223	<1	0.01	4	180	9	0.03	<2	<1	43
K973894		<10	1	0.19	20	0.63	607	1	0.07	3	550	62	0.07	<2	6	67
K973895		<10	<1	0.22	20	0.72	837	1	0.07	2	570	112	0.07	<2	6	64
K973896		<10	1	0.18	20	0.65	509	<1	0.08	3	580	8	0.06	2	6	70
K973897		<10	<1	0.34	10	0.75	2690	1	0.01	3	530	1180	1.63	5	5	81
K973898		<10	<1	0.16	30	0.63	718	1	0.01	3	600	11	0.05	3	9	68
K973899		<10	<1	0.26	30	0.67	627	1	0.05	2	610	28	0.09	2	8	90
K973900		<10	<1	0.21	20	0.66	574	1	0.09	3	570	17	0.08	2	6	76
K973901		10	1	0.24	<10	1.17	641	49	0.34	322	680	8340	7.27	24	4	76
K973902		<10	<1	0.21	20	0.61	547	<1	0.08	3	570	16	0.07	2	6	76
K973903		<10	1	0.30	10	0.56	1255	8	0.02	2	490	811	1.93	21	6	60
K973904		<10	<1	0.01	<10	12.45	220	<1	0.01	4	170	3	0.01	<2	<1	44
K973905		<10	1	0.16	20	0.66	404	<1	0.08	2	560	12	0.04	2	4	56
K973906		<10	1	0.19	30	0.39	834	<1	0.01	3	630	12	0.05	3	8	34
K973907		<10	<1	0.27	20	0.68	1230	1	0.03	3	560	55	0.17	<2	6	63
K973908		<10	<1	0.18	20	0.55	632	1	0.03	2	590	17	0.06	<2	5	82
K973909		<10	1	0.30	40	0.84	1545	7	0.03	4	650	113	0.53	2	5	121
K973910		<10	1	0.33	10	0.70	3070	1	0.02	3	820	452	4.76	<2	5	41
K973911		<10	<1	0.37	10	0.72	2060	2	0.02	2	580	46	0.89	<2	3	52
K973912		<10	<1	0.14	20	0.59	476	2	0.04	4	590	9	0.06	<2	7	76
K973913		<10	1	0.18	20	0.66	489	2	0.05	1	580	7	0.04	2	6	77
K973914		<10	1	0.18	20	0.40	696	3	0.01	1	560	5	0.08	3	6	57
K973915		<10	1	0.23	20	0.43	756	3	0.02	1	550	4	0.07	2	6	61
K973916		<10	<1	0.34	20	0.72	1645	2	0.02	2	510	50	0.64	<2	5	42
K973917		<10	<1	0.25	20	0.54	973	1	0.01	1	470	17	0.15	<2	6	45
K973918		<10	1	0.33	20	0.89	1720	2	0.01	1	490	124	0.39	<2	5	66
K973919		<10	<1	0.40	30	0.38	1380	3	0.01	2	510	97	0.41	<2	3	41
K973920		<10	<1	0.31	20	0.35	1090	2	0.01	1	560	18	0.55	<2	3	32
K973921		<10	1	0.35	30	0.66	1540	1	0.01	1	520	40	0.41	2	5	74
K973922		10	2	0.24	10	1.15	633	47	0.33	316	700	8680	7.43	26	5	77
K973923		<10	<1	0.44	10	0.40	2790	1	0.02	2	540	1495	2.01	4	3	59
K973924		<10	1	0.38	<10	0.51	1190	2	0.01	1	570	67	0.48	<2	3	30
K973925		<10	1	0.30	10	0.28	733	3	0.01	1	400	616	1.57	5	2	17
K973926		<10	1	0.35	30	0.62	1430	1	0.01	<1	570	8	0.29	<2	5	43

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193193

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1
K973891		20	<0.01	<10	<10	33	<10	50	<1
K973892		<20	<0.01	<10	<10	10	<10	3070	14
K973893		<20	<0.01	<10	<10	1	<10	21	<1
K973894		<20	0.03	<10	<10	41	<10	104	1
K973895		<20	0.04	<10	<10	46	<10	151	<1
K973896		<20	0.05	<10	<10	46	<10	33	<1
K973897		<20	<0.01	<10	<10	15	<10	2230	3
K973898		20	<0.01	<10	<10	38	<10	44	<1
K973899		20	<0.01	<10	<10	38	<10	65	<1
K973900		<20	0.03	<10	<10	44	<10	57	<1
K973901		<20	0.05	10	<10	321	10	7390	30
K973902		<20	0.03	<10	<10	43	<10	45	<1
K973903		<20	<0.01	<10	<10	24	<10	6300	10
K973904		<20	<0.01	<10	<10	1	<10	25	<1
K973905		<20	0.10	<10	<10	48	<10	35	<1
K973906		20	<0.01	<10	<10	41	<10	63	<1
K973907		<20	0.01	<10	<10	33	<10	117	<1
K973908		<20	0.01	<10	<10	32	<10	38	<1
K973909		20	<0.01	<10	<10	19	<10	92	<1
K973910		<20	<0.01	<10	<10	35	<10	435	<1
K973911		<20	<0.01	<10	<10	9	340	52	<1
K973912		<20	0.02	<10	<10	42	<10	37	<1
K973913		20	0.02	<10	<10	43	<10	35	<1
K973914		<20	<0.01	<10	<10	31	<10	38	<1
K973915		<20	<0.01	<10	<10	30	<10	41	<1
K973916		<20	<0.01	<10	10	19	<10	90	<1
K973917		<20	<0.01	<10	<10	23	<10	78	<1
K973918		<20	<0.01	<10	<10	17	<10	150	<1
K973919		<20	<0.01	<10	<10	9	<10	123	<1
K973920		<20	<0.01	<10	<10	9	<10	25	<1
K973921		<20	<0.01	<10	10	17	<10	53	<1
K973922		<20	0.06	<10	<10	323	60	7830	32
K973923		<20	<0.01	<10	10	10	10	1855	2
K973924		<20	<0.01	<10	<10	9	<10	108	<1
K973925		<20	<0.01	<10	20	11	<10	675	2
K973926		<20	<0.01	<10	<10	20	<10	64	<1

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193193

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193194

Project: Klaza DDH- 50

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193194

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269418		4.37	0.299	1.5	0.76	404	<10	340	0.8	<2	2.76	2.7	9	8	38	3.24
K269419		11.48	<0.005	<0.2	1.23	6	<10	160	<0.5	<2	1.64	2.1	11	10	16	2.92
K269420		0.07	1.405	34.9	5.07	152	<10	40	<0.5	27	4.76	34.4	92	58	7560	8.50
K269421		11.51	<0.005	<0.2	1.24	7	<10	230	0.6	<2	1.61	<0.5	8	10	16	3.00
K269422		2.98	0.222	2.3	0.84	974	<10	380	0.6	<2	2.22	8.0	9	6	47	3.06
K269423		12.04	0.012	0.2	1.12	41	<10	270	0.5	<2	1.66	2.2	9	11	15	3.33
K269424		4.36	0.026	0.5	0.67	107	<10	840	0.9	<2	2.96	3.9	9	5	32	3.12
K269425		3.71	0.910	60.6	0.53	353	<10	30	0.9	65	3.43	374	8	4	1105	3.87
K269426		6.51	<0.005	0.4	0.05	4	<10	20	<0.5	2	19.1	<0.5	2	1	2	0.45
K269427		5.64	0.011	1.2	1.45	18	<10	180	0.7	2	1.83	7.9	9	8	43	3.54
K269428		7.60	<0.005	<0.2	1.08	8	<10	210	0.6	<2	1.97	0.7	8	9	30	2.72
K269429		5.46	0.006	<0.2	0.76	18	<10	100	0.8	<2	1.91	<0.5	16	5	17	3.09
K269430		5.69	<0.005	<0.2	0.94	19	<10	220	0.7	<2	2.34	<0.5	9	6	12	2.72
K269431		10.45	<0.005	<0.2	1.21	3	<10	210	<0.5	<2	1.61	<0.5	9	12	8	2.96
K269432		6.72	0.022	<0.2	0.74	42	<10	430	0.8	<2	2.42	2.9	10	6	20	2.85
K269433		4.48	0.054	4.7	0.60	162	<10	130	0.7	<2	2.66	17.0	9	6	35	3.20
K269434		10.55	0.015	<0.2	0.60	59	<10	160	0.8	<2	2.40	0.8	10	5	20	2.69
K269435		5.89	0.014	0.2	0.58	52	<10	200	0.8	<2	2.13	0.5	11	5	15	2.64
K269436		5.74	0.147	6.6	0.58	423	<10	20	0.6	10	1.57	18.4	12	5	110	4.83
K269437		8.78	0.133	4.5	0.50	746	<10	30	0.6	3	1.70	17.0	9	5	68	3.93
K269438		1.79	0.012	0.4	0.78	103	<10	270	0.8	<2	1.54	1.8	9	6	25	2.59
K269439		2.94	0.449	24.1	0.51	3590	<10	20	0.6	<2	1.88	140.5	4	5	213	4.44
K269440		5.36	<0.005	<0.2	0.13	6	<10	40	<0.5	<2	20.5	<0.5	<1	4	2	0.50
K269441		11.42	0.090	1.6	0.52	438	<10	80	0.6	<2	1.89	10.0	9	3	14	3.07
K269442		6.99	0.204	6.7	0.48	698	<10	30	0.5	6	1.29	13.5	8	6	130	3.64
K269443		12.02	0.005	0.3	0.59	19	<10	1090	0.7	<2	2.04	<0.5	4	3	9	2.07
K269444		13.03	0.009	0.3	0.58	19	<10	1150	0.7	<2	2.37	0.7	4	3	10	2.00
K269445		10.68	0.010	0.2	0.54	13	<10	1780	0.7	<2	1.42	<0.5	4	3	8	2.01
K269446		11.16	0.022	0.7	0.72	55	<10	650	0.8	<2	2.84	1.4	7	5	12	2.72
K269447		0.07	1.455	29.9	4.67	135	<10	50	<0.5	30	4.49	30.8	79	54	6680	7.97
K269448		5.93	0.085	2.2	0.60	374	<10	380	0.7	<2	2.72	10.9	5	3	34	3.37
K269449		7.28	0.054	1.7	0.94	128	<10	380	0.6	<2	2.61	4.0	6	7	38	3.21
K269450		5.26	0.019	0.4	1.18	15	<10	360	<0.5	<2	1.44	1.5	6	10	15	2.94
K269451		8.54	0.005	0.2	0.90	15	<10	650	<0.5	<2	1.79	<0.5	7	8	39	2.87
K269452		12.51	<0.005	0.2	0.66	22	<10	620	1.0	<2	3.54	<0.5	5	5	5	2.10
K269453		7.73	<0.005	0.3	0.65	15	<10	680	1.0	<2	3.52	<0.5	5	3	3	2.01

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193194

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269418		<10	2	0.26	20	0.66	1530	3	0.01	2	610	390	0.76	13	8	86
K269419		10	<1	0.18	20	0.68	630	2	0.07	1	610	98	0.12	<2	6	65
K269420		10	2	0.24	10	1.16	642	48	0.34	321	710	8860	7.47	26	5	77
K269421		<10	1	0.16	20	0.55	562	2	0.05	1	620	20	0.07	2	6	66
K269422		<10	1	0.24	20	0.60	862	2	0.03	1	560	362	0.72	6	6	78
K269423		<10	1	0.22	20	0.55	645	2	0.08	1	620	138	0.26	4	7	75
K269424		<10	1	0.32	20	0.78	1660	2	0.01	1	550	124	0.34	4	6	83
K269425		<10	1	0.31	20	1.12	1370	2	0.02	2	540	6530	3.13	30	6	98
K269426		<10	<1	0.03	<10	11.80	214	<1	0.01	<1	180	5	0.01	2	1	44
K269427		<10	<1	0.23	20	0.77	644	3	0.05	1	600	166	0.57	2	6	71
K269428		<10	1	0.18	20	0.46	459	3	0.04	2	620	25	0.25	5	8	75
K269429		<10	<1	0.26	20	0.59	664	2	0.01	2	580	10	1.20	3	7	68
K269430		<10	<1	0.19	30	0.49	593	2	0.02	1	610	11	0.32	5	8	75
K269431		10	<1	0.21	20	0.68	541	2	0.11	2	610	11	0.11	2	7	79
K269432		<10	1	0.23	20	0.65	870	2	0.02	1	610	98	0.50	3	8	83
K269433		<10	<1	0.33	20	0.77	1405	5	0.02	2	540	2130	1.42	7	6	78
K269434		<10	<1	0.33	20	0.70	1020	2	0.01	1	600	42	1.05	7	6	82
K269435		<10	<1	0.32	20	0.63	889	2	0.01	2	610	40	1.09	5	6	78
K269436		<10	1	0.29	10	0.49	1140	3	0.01	1	570	619	3.83	10	6	46
K269437		<10	<1	0.34	10	0.47	2070	15	0.01	1	520	442	3.55	20	3	37
K269438		<10	1	0.29	10	0.56	1045	15	0.01	3	740	115	0.70	12	5	77
K269439		<10	1	0.34	10	0.60	1940	7	0.02	14	530	1255	3.60	51	3	65
K269440		<10	<1	0.07	<10	12.60	224	<1	0.02	8	210	5	0.03	<2	<1	45
K269441		<10	<1	0.34	20	0.57	1865	8	0.02	3	540	422	1.80	9	3	61
K269442		<10	<1	0.32	10	0.39	2030	17	0.02	3	420	357	2.33	29	3	47
K269443		<10	<1	0.28	10	0.71	549	3	0.02	5	780	24	0.17	2	3	162
K269444		<10	<1	0.30	10	0.79	508	2	0.02	5	790	25	0.16	3	3	216
K269445		<10	<1	0.26	10	0.57	466	1	0.02	4	770	17	0.13	<2	3	127
K269446		<10	1	0.24	20	0.63	1065	1	0.03	3	570	63	0.50	<2	6	160
K269447		10	1	0.22	10	1.11	596	47	0.33	296	660	7710	6.90	22	4	73
K269448		<10	<1	0.33	20	0.71	1790	1	0.03	1	540	305	0.82	<2	5	177
K269449		<10	<1	0.30	20	0.64	1665	2	0.04	2	560	100	0.54	<2	6	129
K269450		10	<1	0.20	20	0.73	554	1	0.12	3	560	12	0.20	<2	7	95
K269451		<10	<1	0.21	20	0.79	662	1	0.08	3	590	12	0.18	<2	7	137
K269452		<10	<1	0.32	10	0.92	610	1	0.03	5	650	15	0.07	<2	4	336
K269453		<10	<1	0.33	10	0.88	585	<1	0.03	4	620	14	0.04	<2	4	394

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193194

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K269418		<20	<0.01	<10	<10	32	<10	222	2	
K269419		<20	0.04	<10	<10	50	<10	165	<1	
K269420		<20	0.06	10	<10	328	70	8130	33	
K269421		<20	0.03	<10	<10	49	<10	50	<1	
K269422		<20	0.01	<10	<10	31	<10	614	2	
K269423		<20	0.04	<10	<10	51	<10	186	<1	
K269424		<20	<0.01	<10	<10	24	<10	323	<1	
K269425		<20	<0.01	<10	<10	17	10	>10000	54	2.32
K269426		<20	<0.01	<10	<10	1	<10	25	<1	
K269427		<20	0.01	<10	<10	41	<10	574	<1	
K269428		<20	0.01	<10	<10	42	<10	78	<1	
K269429		<20	<0.01	<10	<10	29	<10	55	<1	
K269430		<20	0.01	<10	<10	38	<10	41	<1	
K269431		<20	0.03	<10	<10	51	<10	38	3	
K269432		<20	<0.01	<10	<10	35	<10	237	<1	
K269433		<20	<0.01	<10	<10	17	10	1210	4	
K269434		<20	<0.01	<10	<10	17	<10	96	<1	
K269435		<20	<0.01	<10	<10	17	<10	66	1	
K269436		<20	<0.01	<10	<10	20	10	1960	6	
K269437		<20	<0.01	<10	10	8	10	1340	4	
K269438		<20	<0.01	<10	10	20	<10	183	<1	
K269439		<20	<0.01	<10	<10	9	<10	>10000	23	1.030
K269440		<20	<0.01	<10	<10	1	<10	28	<1	
K269441		<20	<0.01	<10	<10	8	<10	823	1	
K269442		<20	<0.01	<10	<10	9	<10	1280	7	
K269443		<20	<0.01	<10	<10	14	<10	90	1	
K269444		<20	<0.01	<10	<10	16	<10	95	1	
K269445		<20	<0.01	<10	<10	15	<10	60	<1	
K269446		<20	<0.01	<10	<10	23	<10	144	1	
K269447		<20	0.05	<10	<10	306	<10	7400	30	
K269448		<20	<0.01	<10	<10	20	<10	1010	2	
K269449		<20	<0.01	<10	<10	29	<10	361	2	
K269450		<20	0.02	<10	<10	45	<10	138	<1	
K269451		<20	0.01	<10	<10	41	<10	50	<1	
K269452		<20	<0.01	<10	<10	31	<10	51	<1	
K269453		<20	<0.01	<10	<10	29	<10	54	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193195

Project: Klaza DDH - 63

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- NOV- 2011
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Project: Klaza DDH - 63

CERTIFICATE OF ANALYSIS WH11193195

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973927		5.65	0.007	0.3	0.47	13	<10	80	<0.5	<2	3.78	1.7	3	5	6	2.23
K973928		4.37	0.009	0.3	0.67	10	<10	240	0.5	<2	2.78	1.3	2	8	3	2.49
K973929		5.55	0.010	0.5	0.56	20	<10	90	0.5	<2	3.13	1.3	1	5	4	2.47
K973930		3.47	0.005	<0.2	0.52	10	<10	380	<0.5	<2	2.35	0.8	2	6	4	1.90
K973931		8.16	0.006	0.2	0.76	10	<10	150	0.7	<2	2.20	1.5	3	5	11	2.23
K973932		5.38	0.013	0.7	0.47	27	<10	330	0.6	<2	2.18	1.8	4	6	7	2.65
K973933		2.98	<0.005	<0.2	0.04	4	<10	10	<0.5	<2	20.0	<0.5	<1	1	<1	0.50
K973934		6.35	<0.005	<0.2	0.85	9	<10	460	0.6	<2	1.98	<0.5	5	4	10	2.89
K973935		6.59	<0.005	0.2	0.68	13	<10	1370	0.6	<2	2.01	0.5	5	4	16	2.47
K973936		3.88	<0.005	<0.2	0.66	14	<10	260	0.7	<2	2.00	<0.5	6	4	9	2.38
K973937		7.56	<0.005	<0.2	1.15	3	<10	160	0.5	<2	1.76	<0.5	5	9	7	2.78
K973938		6.46	0.008	0.2	0.78	14	<10	320	0.5	<2	1.71	0.5	4	8	8	2.74
K973939		4.04	<0.005	<0.2	1.09	3	<10	210	<0.5	<2	1.56	<0.5	4	8	11	2.53
K973940		1.41	<0.005	<0.2	0.98	2	<10	160	<0.5	<2	1.43	<0.5	5	10	10	2.52
K973941		6.13	0.007	0.3	0.91	16	<10	320	0.5	<2	1.72	0.6	6	9	7	3.22
K973942		5.33	<0.005	<0.2	1.15	3	<10	140	<0.5	<2	1.07	<0.5	4	11	5	2.49
K973943		6.55	0.017	0.4	1.05	5	<10	170	<0.5	<2	1.26	<0.5	5	10	6	2.75
K973944		0.09	1.565	31.0	4.89	152	<10	40	<0.5	14	4.66	32.0	82	56	7030	8.28
K973945		4.04	0.021	1.1	0.99	15	<10	250	0.5	<2	1.71	6.0	5	7	21	2.98
K973946		6.49	0.009	<0.2	1.07	14	<10	260	<0.5	<2	1.77	<0.5	6	9	9	3.00
K973947		7.50	0.013	0.8	1.08	12	<10	150	0.5	<2	1.54	4.4	5	9	11	2.76
K973948		11.29	0.005	<0.2	1.20	6	<10	190	<0.5	<2	1.08	<0.5	6	13	10	2.53
K973949		11.73	0.006	0.6	1.28	6	<10	180	<0.5	<2	1.39	3.9	5	12	5	2.60
K973950		0.08	1.395	33.0	4.74	150	<10	30	<0.5	6	4.55	31.9	85	55	7010	8.14
K973951		10.96	0.005	0.3	1.19	8	<10	170	<0.5	<2	1.45	<0.5	13	12	30	2.69
K973952		6.81	0.005	<0.2	1.07	3	<10	180	<0.5	<2	1.31	<0.5	6	12	4	2.66
K973953		9.73	0.009	0.2	0.83	19	<10	220	0.6	<2	1.86	<0.5	6	8	10	2.69
K973954		4.56	0.198	2.4	0.43	1330	<10	60	<0.5	<2	1.47	12.2	12	4	8	4.93
K973955		4.93	0.631	82.5	0.40	326	<10	30	<0.5	2	1.06	122.0	26	5	169	7.75
K973956		2.86	<0.005	<0.2	0.03	6	<10	10	<0.5	<2	19.3	<0.5	1	<1	3	0.43
K973957		14.28	0.005	0.3	0.92	10	<10	460	<0.5	<2	1.72	<0.5	9	11	4	2.76
K973958		4.39	<0.005	<0.2	0.80	11	<10	540	0.5	<2	2.21	<0.5	6	8	3	2.70
K973959		4.10	<0.005	<0.2	0.97	8	<10	210	<0.5	<2	1.43	<0.5	5	10	7	2.55
K973960		12.43	<0.005	<0.2	1.24	7	<10	180	<0.5	<2	1.16	<0.5	5	12	17	2.55
K973961		7.70	<0.005	<0.2	1.28	5	<10	120	<0.5	<2	1.11	<0.5	6	11	3	2.44
K973962		4.49	<0.005	1.3	0.97	14	<10	220	0.5	<2	1.85	1.7	5	9	6	2.94

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH - 63

CERTIFICATE OF ANALYSIS WH11193195

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973927		<10	<1	0.31	20	0.76	1735	<1	0.02	3	450	110	0.57	<2	3	57
K973928		<10	1	0.27	20	0.66	1115	1	0.03	4	510	16	0.17	<2	4	53
K973929		<10	1	0.23	20	0.70	1135	<1	0.02	3	520	76	0.28	<2	5	54
K973930		<10	<1	0.19	20	0.57	904	<1	0.02	2	400	25	0.15	<2	4	46
K973931		<10	<1	0.18	10	0.62	844	<1	0.02	3	480	8	0.07	<2	8	59
K973932		<10	<1	0.24	10	0.69	1365	1	0.02	4	350	291	0.35	<2	5	48
K973933		<10	<1	0.02	<10	12.10	211	<1	0.02	5	180	2	0.03	<2	<1	41
K973934		<10	<1	0.21	30	0.55	1215	<1	0.02	1	590	9	0.10	<2	9	55
K973935		<10	<1	0.16	10	0.62	726	1	0.02	2	480	11	0.24	<2	9	79
K973936		<10	1	0.26	20	0.63	765	4	0.02	2	500	12	0.26	<2	8	59
K973937		<10	<1	0.18	20	0.50	425	1	0.07	3	560	8	0.02	<2	6	65
K973938		<10	<1	0.21	20	0.56	745	3	0.04	3	530	66	0.26	<2	6	56
K973939		<10	<1	0.15	20	0.57	460	1	0.07	2	580	9	0.03	<2	5	85
K973940		<10	<1	0.15	20	0.54	425	2	0.08	4	550	8	0.03	<2	5	60
K973941		<10	<1	0.22	20	0.63	788	1	0.06	3	580	217	0.22	<2	6	61
K973942		10	<1	0.15	20	0.58	332	1	0.08	4	540	10	0.02	<2	3	40
K973943		<10	<1	0.17	20	0.61	489	<1	0.08	2	570	207	0.07	<2	4	49
K973944		10	1	0.23	10	1.17	619	46	0.35	311	680	8030	7.20	22	4	77
K973945		<10	<1	0.23	20	0.59	747	1	0.08	2	540	448	0.14	<2	6	71
K973946		<10	1	0.27	20	0.61	834	1	0.07	3	580	20	0.15	<2	5	81
K973947		<10	<1	0.21	20	0.55	531	1	0.07	3	600	332	0.16	<2	5	55
K973948		10	<1	0.16	20	0.58	303	1	0.11	4	550	11	0.02	2	3	44
K973949		10	<1	0.17	20	0.66	426	2	0.10	2	580	150	0.04	<2	4	51
K973950		10	1	0.23	<10	1.14	609	44	0.35	306	670	8120	7.19	25	4	76
K973951		10	<1	0.16	20	0.61	403	1	0.11	2	570	50	0.06	<2	4	48
K973952		10	<1	0.17	20	0.61	383	1	0.10	1	570	10	0.01	<2	5	57
K973953		<10	<1	0.22	20	0.60	643	1	0.05	2	580	26	0.18	2	8	89
K973954		<10	<1	0.36	10	0.48	2170	1	0.03	1	540	920	3.83	6	2	30
K973955		<10	<1	0.31	<10	0.40	3270	2	0.03	2	490	756	7.25	42	2	21
K973956		<10	<1	0.02	<10	11.80	202	<1	0.03	<1	210	2	0.06	<2	<1	45
K973957		<10	<1	0.21	20	0.66	606	1	0.10	1	570	10	0.48	<2	6	101
K973958		<10	<1	0.23	20	0.70	613	<1	0.08	1	560	7	0.12	<2	6	99
K973959		10	<1	0.17	20	0.63	485	<1	0.12	1	560	9	0.05	<2	5	69
K973960		10	<1	0.15	20	0.61	377	<1	0.12	3	580	10	0.02	<2	4	75
K973961		10	<1	0.13	20	0.59	323	<1	0.11	1	560	9	<0.01	<2	3	42
K973962		<10	<1	0.21	20	0.75	1005	<1	0.08	1	560	97	0.13	2	4	64

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Finalized Date: 16- NOV- 2011
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Project: Klaza DDH - 63

CERTIFICATE OF ANALYSIS WH11193195

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973927		<20	<0.01	<10	<10	15	<10	145	<1
K973928		<20	<0.01	<10	<10	22	<10	144	<1
K973929		<20	<0.01	<10	<10	20	<10	143	1
K973930		<20	<0.01	<10	<10	16	<10	98	<1
K973931		<20	<0.01	<10	<10	32	<10	147	<1
K973932		<20	<0.01	<10	<10	22	<10	168	1
K973933		<20	<0.01	<10	<10	<1	<10	13	<1
K973934		<20	<0.01	<10	<10	39	<10	40	<1
K973935		<20	<0.01	<10	<10	37	<10	68	<1
K973936		<20	<0.01	<10	<10	28	<10	49	<1
K973937		<20	0.04	<10	<10	43	<10	25	3
K973938		<20	0.02	<10	<10	34	<10	65	<1
K973939		<20	0.08	<10	<10	48	<10	27	1
K973940		<20	0.07	<10	<10	44	<10	26	<1
K973941		<20	0.03	<10	<10	41	<10	64	2
K973942		<20	0.12	<10	<10	48	<10	28	<1
K973943		<20	0.10	<10	<10	49	<10	34	<1
K973944		<20	0.06	<10	<10	326	<10	7840	30
K973945		<20	0.03	<10	<10	40	<10	443	2
K973946		<20	0.06	<10	<10	43	<10	51	<1
K973947		<20	0.06	<10	<10	45	<10	307	<1
K973948		<20	0.13	<10	<10	50	<10	26	<1
K973949		<20	0.10	<10	<10	52	<10	257	<1
K973950		<20	0.05	<10	10	315	10	7410	30
K973951		<20	0.10	<10	<10	51	<10	59	<1
K973952		<20	0.09	<10	<10	49	<10	30	<1
K973953		<20	0.01	<10	<10	37	<10	52	<1
K973954		<20	<0.01	<10	10	8	<10	958	2
K973955		<20	<0.01	<10	<10	8	10	9100	79
K973956		<20	<0.01	<10	10	<1	<10	41	<1
K973957		<20	0.03	<10	<10	41	<10	47	<1
K973958		<20	0.02	<10	<10	36	<10	32	<1
K973959		<20	0.07	<10	<10	46	<10	37	<1
K973960		<20	0.13	<10	<10	53	<10	28	<1
K973961		<20	0.13	<10	<10	51	<10	24	<1
K973962		<20	0.07	<10	<10	41	<10	181	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193196

Project: Klaza DDH - 47

P.O. No.: Batch 4

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH - 47

CERTIFICATE OF ANALYSIS WH11193196

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972962		12.30	0.007	0.6	0.97	43	<10	230	0.6	<2	2.18	0.6	7	6	9	2.80
K972963		8.79	0.743	8.9	0.47	1110	<10	30	0.5	6	1.82	55.7	8	5	172	4.05
K972964		10.75	0.009	0.3	1.02	17	<10	230	<0.5	<2	1.54	0.5	7	8	22	2.88
K972965		4.80	0.005	<0.2	0.97	11	<10	140	0.5	<2	3.03	<0.5	5	7	8	2.57
K972966		12.63	0.013	0.4	0.69	19	<10	180	0.5	<2	1.19	0.7	7	5	20	2.69
K972967		0.09	1.400	34.2	5.05	159	<10	40	<0.5	<2	4.53	33.5	85	58	7620	8.41
K972968		6.29	0.018	0.2	1.12	11	<10	200	0.6	2	1.89	<0.5	7	7	41	2.67
K972969		4.84	1.305	4.8	0.55	1350	<10	30	0.6	<2	1.93	30.2	6	5	64	3.30
K972970		9.74	0.022	0.6	1.12	21	<10	190	0.7	<2	2.48	2.4	7	5	11	3.10
K972971		6.09	<0.005	1.1	1.40	14	<10	430	0.7	<2	2.00	<0.5	7	6	4	3.07
K972972		4.58	0.286	4.7	0.48	58	<10	20	<0.5	5	1.81	10.7	24	4	22	4.17
K972973		6.24	1.710	5.5	0.54	2700	<10	60	0.6	3	2.24	79.9	9	5	58	3.06
K972974		3.81	0.074	6.5	0.51	143	<10	160	0.6	3	2.33	19.4	8	4	23	2.65
K972975		7.68	0.007	0.5	0.65	36	<10	80	0.6	2	2.98	<0.5	7	4	3	2.48
K972976		8.07	<0.005	0.4	0.71	14	<10	300	0.6	<2	2.43	<0.5	7	6	4	2.53
K972977		12.31	0.007	0.7	0.76	18	<10	260	0.6	<2	2.18	1.0	7	8	10	2.60
K972978		12.60	<0.005	0.2	1.01	9	<10	410	0.5	<2	1.89	<0.5	7	8	5	2.79
K972979		4.92	1.405	6.5	0.42	3420	<10	10	0.5	2	1.09	16.7	8	5	17	4.71
K972980		10.36	0.017	0.6	0.54	106	<10	80	0.8	<2	2.56	0.8	7	4	6	2.70
K972981		5.40	0.233	5.9	0.51	133	<10	40	0.7	2	2.12	14.0	11	4	36	3.38
K972982		2.27	<0.005	<0.2	0.09	8	<10	20	<0.5	<2	20.2	<0.5	1	3	1	0.49
K972983		5.35	0.013	0.4	0.65	37	<10	190	0.6	<2	2.41	0.6	7	5	36	2.91
K972984		13.32	<0.005	0.2	0.91	17	<10	420	<0.5	<2	1.79	<0.5	7	9	16	2.65
K972985		12.73	<0.005	<0.2	1.17	7	<10	520	<0.5	2	1.50	<0.5	7	10	8	2.95
K972986		0.08	1.535	35.5	5.15	157	<10	40	<0.5	10	4.56	33.7	84	59	7750	8.42
K972987		13.56	0.007	0.2	0.98	32	<10	540	<0.5	<2	1.65	<0.5	6	10	31	2.79
K972988		12.76	<0.005	0.3	1.12	16	<10	280	<0.5	<2	1.50	<0.5	6	9	16	2.69
K972989		12.13	<0.005	0.2	1.12	9	<10	330	<0.5	<2	1.34	<0.5	6	18	19	2.88
K972990		12.81	0.007	0.2	1.08	20	<10	370	<0.5	<2	1.67	<0.5	7	9	10	2.92
K972991		2.54	<0.005	<0.2	0.08	6	<10	30	<0.5	<2	20.8	<0.5	2	4	2	0.52
K972992		12.82	<0.005	0.3	1.08	23	<10	620	<0.5	2	2.03	<0.5	7	9	28	3.05
K972993		13.07	<0.005	0.2	0.93	9	<10	150	0.5	<2	1.42	<0.5	6	7	15	2.78

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH - 47

CERTIFICATE OF ANALYSIS WH11193196

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972962		<10	<1	0.21	20	0.54	668	1	0.06	2	600	237	0.27	2	7	96
K972963		<10	1	0.28	10	0.52	1235	2	0.03	1	500	1200	3.30	9	4	63
K972964		<10	<1	0.18	20	0.65	505	1	0.10	3	580	20	0.92	3	6	78
K972965		<10	<1	0.16	30	0.39	492	1	0.04	1	620	16	0.29	<2	9	110
K972966		<10	<1	0.14	30	0.36	597	<1	0.02	3	610	46	0.70	5	8	37
K972967		10	<1	0.25	<10	1.13	632	49	0.34	322	710	8660	7.76	29	4	79
K972968		<10	<1	0.19	20	0.53	490	2	0.04	3	600	19	0.79	2	7	84
K972969		<10	<1	0.27	10	0.51	1130	1	0.02	1	530	864	2.28	10	5	63
K972970		<10	<1	0.20	20	0.68	633	2	0.02	1	650	41	1.08	3	8	94
K972971		10	1	0.18	20	0.74	607	<1	0.02	1	650	21	0.23	3	8	89
K972972		<10	<1	0.33	10	0.50	973	7	0.02	1	450	460	3.75	6	3	42
K972973		<10	<1	0.33	10	0.67	1415	3	0.01	1	560	528	1.80	9	5	71
K972974		<10	<1	0.33	20	0.70	1520	7	0.01	1	580	392	1.13	8	5	80
K972975		<10	<1	0.25	20	0.90	957	2	0.01	2	560	16	0.93	<2	6	119
K972976		<10	<1	0.25	20	0.70	807	<1	0.03	1	540	18	0.83	2	5	99
K972977		<10	<1	0.20	20	0.56	718	<1	0.04	1	590	142	0.81	2	6	115
K972978		<10	<1	0.19	20	0.69	628	<1	0.06	1	610	14	0.65	3	7	94
K972979		<10	<1	0.27	10	0.28	1505	14	0.01	1	490	1160	4.49	28	2	43
K972980		<10	<1	0.30	20	0.74	1495	1	0.02	1	550	43	1.31	4	5	93
K972981		<10	<1	0.30	10	0.52	1595	3	0.01	1	520	374	2.82	11	4	70
K972982		<10	<1	0.06	<10	12.25	224	<1	0.02	3	1100	3	0.03	3	<1	48
K972983		<10	<1	0.29	20	0.55	971	<1	0.03	1	590	23	1.17	4	6	109
K972984		<10	<1	0.23	20	0.67	701	<1	0.06	1	580	9	0.16	2	6	91
K972985		10	<1	0.16	20	0.72	607	<1	0.08	2	620	11	0.40	2	5	85
K972986		10	1	0.25	10	1.15	638	50	0.34	326	700	8660	7.77	26	4	79
K972987		<10	<1	0.21	20	0.64	643	1	0.06	2	550	19	0.47	2	4	92
K972988		<10	<1	0.19	20	0.67	593	<1	0.06	1	590	10	0.16	<2	5	77
K972989		<10	<1	0.22	20	0.61	501	1	0.08	7	610	10	0.10	<2	5	103
K972990		<10	<1	0.18	20	0.70	638	2	0.07	1	620	13	0.46	2	6	98
K972991		<10	<1	0.03	<10	12.50	226	<1	0.02	1	180	2	0.02	<2	<1	75
K972992		<10	<1	0.21	20	0.74	731	7	0.07	1	640	17	0.35	2	6	96
K972993		<10	<1	0.14	20	0.54	551	1	0.04	1	610	12	0.71	3	6	60

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH - 47

CERTIFICATE OF ANALYSIS WH11193196

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972962		<20	0.02	<10	<10	40	<10	77	<1
K972963		<20	<0.01	<10	<10	17	<10	3750	9
K972964		<20	0.03	<10	<10	40	<10	64	1
K972965		20	0.01	<10	<10	39	<10	40	<1
K972966		<20	0.01	<10	<10	35	<10	99	1
K972967		<20	0.06	<10	<10	321	<10	7710	32
K972968		<20	0.01	<10	<10	38	<10	83	<1
K972969		<20	<0.01	<10	<10	18	<10	2120	5
K972970		<20	0.01	<10	<10	34	<10	192	1
K972971		<20	0.01	<10	<10	44	<10	57	1
K972972		<20	<0.01	<10	<10	11	<10	747	5
K972973		<20	<0.01	<10	<10	15	<10	4820	5
K972974		<20	<0.01	<10	<10	14	<10	1310	7
K972975		<20	<0.01	<10	<10	25	<10	69	1
K972976		<20	<0.01	<10	<10	25	<10	64	<1
K972977		<20	<0.01	<10	<10	31	<10	88	1
K972978		<20	0.01	<10	<10	39	<10	50	1
K972979		<20	<0.01	<10	<10	8	<10	1245	5
K972980		<20	<0.01	<10	<10	15	<10	89	1
K972981		<20	<0.01	<10	<10	13	<10	1150	5
K972982		<20	<0.01	<10	<10	3	<10	21	<1
K972983		<20	0.01	<10	<10	24	<10	73	<1
K972984		<20	0.04	<10	<10	42	<10	45	1
K972985		<20	0.06	<10	<10	55	<10	43	<1
K972986		<20	0.06	<10	<10	324	<10	7810	31
K972987		20	0.06	<10	<10	45	<10	80	1
K972988		<20	0.06	<10	<10	48	<10	38	1
K972989		20	0.07	<10	<10	51	<10	38	3
K972990		<20	0.05	<10	<10	49	<10	47	<1
K972991		<20	<0.01	<10	<10	3	<10	13	<1
K972992		<20	0.03	<10	<10	49	<10	51	1
K972993		<20	0.01	<10	<10	41	<10	47	<1

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193197

Project: Klaza DDH- 63

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193197

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973963		10.10	<0.005	<0.2	1.18	7	<10	180	<0.5	<2	1.34	<0.5	7	10	5	2.86
K973964		6.01	0.005	<0.2	0.78	14	<10	350	0.8	2	2.61	<0.5	7	6	3	2.68
K973965		12.11	<0.005	<0.2	0.97	8	<10	350	<0.5	2	1.74	<0.5	7	10	7	2.73
K973966		14.03	<0.005	<0.2	1.33	3	<10	270	<0.5	2	1.60	<0.5	7	11	5	2.82
K973967		0.13	1.475	33.8	5.08	147	<10	30	<0.5	13	4.55	33.6	87	59	7480	8.41
K973968		6.37	<0.005	<0.2	1.37	<2	<10	160	0.5	2	1.93	<0.5	7	9	18	2.96
K973969		4.13	<0.005	<0.2	1.02	7	<10	370	0.5	3	2.44	1.4	7	8	21	3.00
K973970		4.05	0.146	0.6	0.51	152	<10	60	0.7	2	1.61	11.3	6	5	24	4.45
K973971		6.01	1.115	41.1	0.56	407	<10	20	0.6	31	2.22	140.5	7	5	321	4.66
K973972		2.21	<0.005	<0.2	0.11	3	<10	20	<0.5	2	18.9	<0.5	2	1	1	0.46
K973973		4.48	0.104	1.4	0.58	153	<10	90	0.6	2	2.65	49.2	7	4	29	3.65
K973974		4.94	0.016	2.5	0.89	32	<10	250	0.6	<2	1.96	3.6	6	8	8	3.08
K973975		5.19	<0.005	<0.2	1.15	<2	<10	180	<0.5	<2	1.37	<0.5	7	10	3	2.73
K973976		2.22	<0.005	<0.2	1.12	3	<10	160	<0.5	<2	1.30	<0.5	7	10	4	2.66
K973977		3.58	0.328	0.3	0.55	136	<10	240	0.7	<2	3.24	<0.5	6	4	8	3.74
K973978		6.97	<0.005	<0.2	1.15	10	<10	230	0.5	<2	2.04	<0.5	7	11	5	2.80
K973979		5.43	<0.005	<0.2	1.08	5	<10	240	<0.5	2	1.69	<0.5	7	10	6	2.65
K973980		11.06	0.008	<0.2	1.32	18	<10	270	0.5	2	1.86	<0.5	7	10	29	2.92
K973981		4.90	<0.005	<0.2	1.20	4	<10	170	<0.5	<2	1.66	2.5	7	9	6	2.79
K973982		0.11	1.535	31.8	4.98	150	<10	30	<0.5	11	4.36	33.3	84	57	7280	7.98
K973983		7.13	0.008	0.2	1.06	17	<10	180	<0.5	<2	2.77	2.0	6	8	31	2.51
K973984		4.41	<0.005	<0.2	1.24	3	<10	150	<0.5	<2	1.43	<0.5	8	9	6	2.66
K973985		3.83	0.021	0.4	0.87	54	<10	290	0.5	<2	2.31	18.2	7	7	12	2.82
K973986		7.64	<0.005	<0.2	1.28	5	<10	120	<0.5	<2	1.52	<0.5	7	10	5	2.65
K973987		8.49	<0.005	<0.2	1.21	6	<10	140	<0.5	<2	1.62	<0.5	6	11	6	2.61
K973988		5.14	0.079	0.4	0.98	85	<10	230	0.5	<2	1.69	<0.5	7	8	5	3.15
K973989		1.77	<0.005	<0.2	0.07	3	<10	10	<0.5	<2	18.5	<0.5	3	132	3	0.52
K973990		11.17	<0.005	<0.2	1.24	5	<10	130	<0.5	2	1.66	<0.5	7	10	10	2.58
K973991		9.82	0.010	0.3	1.13	31	<10	180	0.5	2	1.95	<0.5	7	8	58	2.60
K973992		4.35	0.069	0.4	0.62	459	<10	160	0.6	<2	2.89	1.9	11	4	15	2.28
K973993		7.11	<0.005	<0.2	2.12	5	<10	90	1.0	2	1.52	<0.5	7	8	5	3.29
K973994		3.37	0.075	0.9	0.70	179	<10	180	0.6	<2	1.47	8.5	7	5	14	3.65
K973995		6.31	<0.005	<0.2	1.36	5	<10	290	0.6	<2	1.65	0.8	7	9	5	2.91
K973996		4.88	0.100	0.6	1.16	328	<10	110	0.8	2	1.77	2.4	7	6	8	3.75
K973997		13.10	<0.005	<0.2	1.29	6	<10	230	0.5	<2	1.52	<0.5	7	10	11	2.73
K973998		7.53	<0.005	<0.2	1.37	8	<10	140	0.6	<2	2.12	<0.5	6	6	11	2.78

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193197

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973963		10	<1	0.15	20	0.67	413	<1	0.09	<1	600	34	0.05	3	6	49
K973964		<10	<1	0.29	20	0.80	1060	<1	0.02	<1	530	16	0.22	<2	8	79
K973965		10	1	0.18	20	0.61	523	<1	0.09	1	600	9	0.05	2	7	73
K973966		10	1	0.20	20	0.72	525	<1	0.09	<1	590	11	0.04	3	6	66
K973967		10	2	0.24	10	1.16	646	46	0.33	329	690	8610	7.19	23	5	78
K973968		10	1	0.17	20	0.71	553	<1	0.08	1	590	21	0.03	3	6	85
K973969		10	1	0.35	20	0.60	1305	<1	0.05	<1	570	108	0.19	2	5	92
K973970		<10	1	0.31	20	0.52	2500	<1	0.01	3	540	106	1.63	5	5	52
K973971		<10	1	0.35	10	0.59	2540	<1	0.01	2	470	438	3.86	53	4	63
K973972		<10	<1	0.09	<10	11.90	227	<1	0.01	1	160	4	0.02	2	1	52
K973973		<10	1	0.29	20	0.63	1670	<1	0.02	1	520	71	1.84	3	6	89
K973974		10	1	0.23	20	0.63	2020	<1	0.03	1	570	37	0.19	4	7	73
K973975		10	<1	0.18	20	0.67	508	<1	0.10	1	600	8	0.01	<2	6	63
K973976		10	<1	0.17	20	0.63	479	<1	0.11	1	560	8	0.02	3	6	57
K973977		<10	<1	0.30	20	0.86	2970	<1	0.01	<1	490	32	0.82	2	5	115
K973978		10	<1	0.23	20	0.64	657	1	0.08	1	550	8	0.07	2	6	85
K973979		<10	<1	0.19	20	0.65	576	1	0.08	1	560	8	0.05	<2	6	74
K973980		10	<1	0.23	20	0.65	721	<1	0.06	1	600	35	0.14	2	6	89
K973981		10	1	0.20	20	0.63	616	<1	0.07	1	560	121	0.10	<2	6	70
K973982		10	1	0.23	10	1.10	632	45	0.33	319	670	8620	6.85	28	4	77
K973983		<10	<1	0.18	20	0.63	1070	<1	0.03	<1	530	115	0.23	<2	4	92
K973984		10	<1	0.16	20	0.63	475	<1	0.07	1	560	12	0.03	<2	5	71
K973985		<10	<1	0.27	30	0.55	1320	<1	0.04	1	560	36	0.31	<2	6	88
K973986		10	1	0.16	20	0.62	451	<1	0.08	<1	560	10	0.03	2	5	63
K973987		10	<1	0.20	20	0.61	640	<1	0.08	1	560	16	0.07	2	5	68
K973988		<10	<1	0.27	20	0.56	1135	<1	0.07	<1	550	15	0.94	3	5	76
K973989		<10	<1	0.04	<10	11.50	224	17	0.02	58	170	2	0.01	<2	<1	49
K973990		10	<1	0.19	20	0.66	681	<1	0.07	1	550	14	0.04	2	4	72
K973991		<10	<1	0.24	20	0.65	791	1	0.05	<1	590	12	0.22	4	5	93
K973992		<10	<1	0.36	20	0.64	1425	<1	0.01	1	520	55	1.16	6	5	92
K973993		10	<1	0.19	20	0.83	538	<1	0.02	<1	610	9	0.04	<2	6	81
K973994		<10	<1	0.37	20	0.46	3580	<1	0.01	<1	550	194	1.13	3	6	52
K973995		10	<1	0.24	20	0.63	675	<1	0.06	<1	570	39	0.07	2	7	83
K973996		<10	<1	0.33	20	0.58	2610	1	0.02	<1	550	77	0.95	5	5	67
K973997		10	1	0.22	20	0.62	570	<1	0.07	1	560	7	0.07	2	5	83
K973998		<10	<1	0.23	20	0.48	563	<1	0.02	<1	580	11	0.07	4	7	84

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193197

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973963		20	0.10	<10	<10	55	<10	45	1
K973964		<20	<0.01	<10	<10	32	<10	43	1
K973965		<20	0.03	<10	<10	44	<10	34	1
K973966		20	0.06	<10	<10	52	<10	35	1
K973967		<20	0.06	<10	10	331	40	8060	30
K973968		<20	0.03	<10	<10	53	<10	51	3
K973969		<20	0.02	<10	<10	36	<10	130	1
K973970		<20	<0.01	<10	<10	15	<10	811	1
K973971		<20	<0.01	<10	<10	13	30	9390	39
K973972		<20	<0.01	<10	<10	2	<10	53	<1
K973973		<20	<0.01	<10	<10	23	<10	3560	1
K973974		20	0.01	<10	<10	37	<10	371	2
K973975		<20	0.05	<10	<10	53	<10	42	1
K973976		<20	0.06	<10	<10	51	<10	35	1
K973977		<20	<0.01	<10	<10	17	<10	41	<1
K973978		<20	0.01	<10	<10	42	<10	34	4
K973979		20	0.03	<10	<10	43	<10	34	<1
K973980		<20	0.03	<10	<10	45	<10	57	<1
K973981		<20	0.03	<10	<10	46	<10	220	<1
K973982		<20	0.06	<10	10	317	20	8000	32
K973983		<20	0.02	<10	<10	38	<10	206	<1
K973984		<20	0.05	<10	<10	46	<10	33	<1
K973985		<20	0.02	<10	<10	35	<10	1350	3
K973986		<20	0.06	<10	<10	48	<10	33	<1
K973987		<20	0.07	<10	<10	46	<10	42	<1
K973988		<20	0.03	<10	<10	36	<10	32	<1
K973989		<20	<0.01	<10	<10	3	<10	15	<1
K973990		<20	0.07	<10	<10	46	<10	32	<1
K973991		<20	0.02	<10	<10	38	<10	38	3
K973992		<20	<0.01	<10	<10	15	<10	163	1
K973993		20	0.01	<10	<10	45	<10	36	<1
K973994		<20	<0.01	<10	<10	19	<10	708	1
K973995		<20	0.02	<10	<10	41	<10	95	<1
K973996		<20	<0.01	<10	<10	25	<10	226	1
K973997		<20	0.07	<10	<10	48	<10	34	<1
K973998		<20	0.01	<10	<10	38	<10	40	<1

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193198

Project: Klaza DDH- 50

P.O. No.: Batch 5

This report is for 22 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- NOV- 2011
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Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193198

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K269490		8.67	0.030	0.8	0.59	121	<10	310	0.6	<2	1.84	0.5	9	5	5	2.25
K269491		8.78	0.005	0.2	0.95	19	<10	320	<0.5	<2	1.41	<0.5	7	13	8	2.68
K269492		8.73	0.005	0.2	0.90	21	<10	500	0.5	<2	1.55	0.5	6	9	6	2.68
K269493		6.55	4.71	20.5	0.35	1535	<10	20	<0.5	<2	1.95	45.6	9	6	87	4.64
K269494		6.18	0.122	1.7	0.50	56	<10	40	0.5	<2	2.21	6.3	7	4	13	2.94
K269495		11.77	0.020	0.4	0.65	17	<10	100	0.6	<2	2.32	0.9	10	5	23	3.01
K269496		10.98	0.007	0.5	1.00	12	<10	410	<0.5	<2	1.86	3.9	7	10	21	2.84
K269497		5.86	0.009	0.7	0.83	23	<10	410	0.5	<2	1.71	0.7	5	7	8	2.75
K269498		2.45	0.007	0.5	0.93	21	<10	380	0.5	<2	1.74	0.5	5	8	9	2.87
K269499		6.29	0.086	8.1	0.52	169	<10	40	0.7	<2	2.27	9.5	7	5	17	3.31
K269500		8.40	0.010	0.4	0.69	31	<10	410	0.6	<2	1.87	<0.5	6	7	4	2.58
K973601		7.81	0.137	3.3	0.63	232	<10	200	0.7	2	2.73	6.5	7	5	21	2.80
K973602		4.55	<0.005	0.2	0.03	2	<10	20	<0.5	<2	19.8	<0.5	1	<1	1	0.44
K973603		5.66	0.008	0.5	1.12	24	<10	470	0.7	<2	2.04	0.6	6	6	2	2.80
K973604		9.52	0.093	2.6	0.46	263	<10	20	0.5	<2	1.83	8.2	12	4	8	3.63
K973605		7.25	0.103	4.4	0.49	259	<10	30	0.7	<2	2.99	8.5	7	4	15	3.26
K973606		10.98	<0.005	<0.2	0.94	11	<10	340	<0.5	<2	1.67	<0.5	7	10	6	2.73
K973607		11.78	0.009	<0.2	0.98	13	<10	320	<0.5	<2	1.82	<0.5	6	9	5	2.73
K973608		0.08	1.515	35.9	4.88	152	<10	30	<0.5	6	4.70	32.8	86	58	7200	8.35
K973609		7.24	0.091	3.9	0.78	114	<10	40	0.6	2	1.98	7.0	9	6	34	3.49
K973610		5.34	0.007	0.2	1.17	11	<10	660	<0.5	<2	1.60	<0.5	7	9	15	2.80
K973611		12.78	0.007	<0.2	1.18	10	<10	430	<0.5	<2	1.22	<0.5	5	10	11	2.80

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CERTIFICATE OF ANALYSIS WH11193198

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K269490		<10	<1	0.21	20	0.51	824	5	0.05	1	380	99	0.68	3	5	103
K269491		10	<1	0.15	20	0.63	605	4	0.11	2	580	12	0.37	<2	6	72
K269492		<10	<1	0.21	20	0.62	781	2	0.09	2	560	17	0.47	<2	5	91
K269493		<10	<1	0.29	10	0.56	4640	17	0.04	2	330	1320	3.78	78	2	55
K269494		<10	<1	0.32	10	0.67	1690	3	0.03	1	480	327	1.77	6	4	83
K269495		<10	<1	0.23	20	0.64	765	<1	0.04	2	530	39	1.28	7	6	117
K269496		<10	<1	0.19	20	0.75	779	<1	0.09	2	580	187	0.57	3	6	95
K269497		<10	<1	0.21	20	0.62	1190	3	0.08	1	570	45	0.50	3	6	97
K269498		<10	<1	0.21	20	0.63	1060	2	0.09	2	580	34	0.57	3	6	99
K269499		<10	<1	0.27	20	0.62	2300	10	0.04	2	490	437	1.86	16	4	111
K269500		<10	<1	0.21	20	0.61	912	4	0.07	1	560	22	0.51	2	6	114
K973601		<10	<1	0.25	20	0.85	1865	11	0.04	1	520	372	0.72	7	7	133
K973602		<10	<1	0.02	<10	12.00	210	<1	0.04	<1	160	<2	0.06	<2	<1	45
K973603		<10	<1	0.21	20	0.77	956	2	0.04	2	620	51	0.42	4	7	140
K973604		<10	<1	0.32	10	0.48	2270	5	0.03	2	510	437	3.17	6	2	54
K973605		<10	<1	0.31	10	0.80	2680	12	0.03	1	490	356	1.85	10	5	102
K973606		<10	<1	0.20	20	0.70	806	<1	0.10	2	600	14	0.25	2	5	94
K973607		<10	<1	0.21	20	0.69	794	<1	0.09	1	580	12	0.38	<2	6	104
K973608		10	1	0.24	<10	1.18	630	47	0.35	317	690	8330	7.35	25	4	79
K973609		<10	<1	0.29	20	0.62	1370	4	0.06	2	580	242	1.97	7	5	107
K973610		10	<1	0.17	20	0.66	584	<1	0.11	2	620	11	0.34	<2	6	87
K973611		10	<1	0.13	10	0.65	437	1	0.08	5	600	17	0.47	<2	3	71

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VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193198

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K269490		20	<0.01	<10	10	21	<10	57	<1
K269491		<20	0.05	<10	<10	46	<10	43	<1
K269492		<20	0.03	<10	<10	39	<10	58	<1
K269493		<20	<0.01	<10	10	8	<10	3800	19
K269494		<20	<0.01	<10	<10	14	<10	527	<1
K269495		<20	<0.01	<10	<10	24	<10	91	<1
K269496		<20	0.01	<10	<10	38	<10	268	<1
K269497		<20	<0.01	<10	<10	31	<10	109	<1
K269498		<20	<0.01	<10	<10	33	<10	97	<1
K269499		<20	<0.01	<10	<10	17	<10	1170	7
K269500		<20	0.01	<10	<10	33	<10	70	<1
K973601		<20	<0.01	<10	<10	24	<10	677	2
K973602		<20	<0.01	<10	10	<1	<10	14	<1
K973603		<20	0.01	<10	<10	35	<10	94	<1
K973604		<20	<0.01	<10	10	7	<10	689	1
K973605		<20	<0.01	<10	10	12	<10	1060	4
K973606		<20	0.05	<10	<10	46	<10	47	1
K973607		<20	0.02	<10	<10	40	<10	55	<1
K973608		<20	0.06	<10	10	325	10	7680	31
K973609		<20	0.01	<10	<10	29	<10	816	3
K973610		<20	0.06	<10	<10	51	<10	47	<1
K973611		<20	0.11	<10	<10	53	<10	43	1

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Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193199

Project: Klaza DDH- 50

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193199

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
K269454		2.06	1.775		21.3	0.46	4340	<10	20	0.6	6	1.46	83.0	11	4	207
K269455		4.74	0.028		1.0	0.59	104	<10	190	0.6	<2	2.46	2.3	7	5	14
K269456		2.32	0.014		0.5	0.58	50	<10	600	0.7	<2	2.31	0.9	7	4	10
K269457		3.29	3.56		35.6	0.36	>10000	<10	10	<0.5	11	0.86	58.0	7	3	425
K269458		8.10	0.021		0.5	0.75	81	<10	480	0.6	<2	2.07	1.5	7	7	16
K269459		3.12	2.99		19.7	0.37	2900	<10	10	<0.5	13	1.18	167.5	5	4	642
K269460		3.59	<0.005		<0.2	0.03	<2	<10	10	<0.5	<2	19.4	<0.5	2	1	4
K269461		8.30	0.014		0.3	1.07	37	<10	240	<0.5	2	2.02	1.0	7	9	10
K269462		9.25	<0.005		0.3	0.87	18	<10	390	<0.5	<2	2.10	<0.5	7	7	15
K269463		4.47	0.115		6.0	0.47	136	<10	80	0.5	6	2.20	33.2	5	5	75
K269464		3.70	1.065		12.1	0.48	415	<10	30	0.5	4	1.67	50.6	6	5	133
K269465		6.71	0.005		<0.2	0.88	7	<10	270	<0.5	<2	1.52	<0.5	6	9	9
K269466		0.12	1.320		33.2	4.83	150	<10	30	<0.5	11	4.43	32.7	83	56	7380
K269467		6.03	0.034		1.5	0.55	37	<10	40	<0.5	<2	2.24	4.3	8	5	62
K269468		3.22	>10.0	10.40	52.3	0.39	1335	<10	10	<0.5	59	1.18	15.1	9	5	2090
K269469		11.97	0.044		0.7	0.77	63	<10	180	<0.5	<2	1.87	2.3	7	8	24
K269470		9.90	0.028		0.8	0.92	13	<10	280	<0.5	<2	1.66	3.4	6	9	12
K269471		7.44	0.009		0.7	0.46	14	<10	20	0.5	<2	2.08	0.7	7	5	5
K269472		11.83	0.014		0.6	0.52	25	<10	40	0.7	<2	2.07	0.9	8	5	12
K269473		3.11	2.55		19.6	0.47	282	<10	30	0.6	12	1.29	222	5	5	270
K269474		7.99	0.054		2.8	0.60	113	<10	300	0.6	4	1.88	2.5	7	4	18
K269475		4.37	0.089		1.8	0.48	55	<10	20	<0.5	<2	1.82	0.9	7	4	6
K269476		12.28	0.011		0.4	0.64	17	<10	50	0.5	<2	2.10	<0.5	8	7	5
K269477		0.14	1.420		35.6	4.87	155	<10	30	<0.5	12	4.49	33.0	85	56	7370
K269478		3.40	0.020		1.8	0.85	17	<10	510	<0.5	<2	1.40	<0.5	6	8	25
K269479		3.97	0.051		5.3	0.54	41	<10	40	0.6	<2	1.76	1.6	7	6	17
K269480		3.64	0.024		4.5	0.75	36	<10	270	0.7	<2	1.92	<0.5	6	5	17
K269481		4.52	0.099		3.5	0.68	140	<10	350	0.7	<2	2.41	6.1	5	6	21
K269482		5.60	0.013		0.6	0.73	33	<10	210	0.5	<2	1.95	1.3	8	6	22
K269483		4.22	0.059		1.2	0.59	135	<10	130	0.7	<2	1.85	3.4	8	6	37
K269484		3.80	0.013		2.3	0.76	51	<10	320	<0.5	<2	1.71	<0.5	7	8	14
K269485		3.05	0.327		4.6	0.47	489	<10	50	0.6	<2	2.15	9.3	6	5	25
K269486		4.76	<0.005		<0.2	0.10	4	<10	30	<0.5	<2	20.6	<0.5	1	1	1
K269487		6.34	0.034		1.7	0.56	202	<10	230	0.7	<2	2.23	1.3	6	5	15
K269488		10.83	0.795		14.8	0.39	833	<10	20	0.5	6	1.37	34.2	6	4	38
K269489		3.19	0.015		0.5	0.87	40	<10	340	<0.5	<2	1.63	<0.5	6	8	9

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193199

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K269454		6.06	<10	1	0.29	10	0.52	2320	4	0.02	1	470	1335	4.82	38	3
K269455		2.93	<10	<1	0.25	20	0.58	1280	2	0.01	1	580	126	0.74	3	7
K269456		2.69	<10	<1	0.23	20	0.60	1090	2	0.01	<1	580	32	0.39	2	8
K269457		6.84	<10	<1	0.27	10	0.25	1835	2	0.01	1	410	2400	7.09	77	2
K269458		2.93	<10	<1	0.24	20	0.68	939	1	0.04	1	600	60	0.31	4	7
K269459		5.82	<10	<1	0.31	<10	0.28	1275	6	0.02	<1	430	2650	6.58	41	2
K269460		0.45	<10	1	0.02	<10	12.15	210	<1	0.01	2	160	3	0.03	<2	<1
K269461		2.83	<10	<1	0.26	20	0.77	851	1	0.07	1	610	30	0.33	<2	7
K269462		2.76	<10	<1	0.25	20	0.76	773	<1	0.07	1	620	24	0.24	2	7
K269463		3.82	<10	<1	0.30	10	0.69	2290	1	0.02	5	550	791	1.55	2	4
K269464		6.32	<10	<1	0.35	10	0.52	1840	2	0.02	1	530	3530	4.85	8	4
K269465		2.66	<10	<1	0.17	20	0.64	507	2	0.07	2	570	18	0.57	<2	6
K269466		8.17	10	1	0.23	10	1.10	624	47	0.32	314	690	8520	7.50	25	4
K269467		3.29	<10	<1	0.31	20	0.50	1215	3	0.03	2	580	246	2.09	2	4
K269468		13.95	<10	<1	0.27	10	0.32	907	2	0.02	<1	380	1130	>10.0	27	3
K269469		2.98	<10	<1	0.24	20	0.64	1040	2	0.05	2	580	75	0.90	2	6
K269470		2.82	<10	<1	0.20	20	0.70	745	1	0.07	2	590	131	0.75	<2	6
K269471		3.01	<10	<1	0.25	10	0.56	893	1	0.01	2	560	46	2.27	<2	4
K269472		3.18	<10	<1	0.25	20	0.65	967	1	0.02	3	570	53	1.74	<2	5
K269473		3.19	<10	1	0.24	10	0.39	1270	5	0.01	2	440	3120	2.73	16	4
K269474		2.97	<10	<1	0.23	10	0.63	1405	3	0.04	1	540	147	1.15	4	5
K269475		3.39	<10	1	0.32	10	0.60	1625	7	0.01	1	520	71	3.09	4	2
K269476		2.80	<10	<1	0.23	10	0.71	607	2	0.03	2	570	23	1.36	<2	5
K269477		8.24	10	1	0.23	10	1.11	628	47	0.33	312	700	8590	7.56	26	4
K269478		2.67	<10	<1	0.16	20	0.63	744	2	0.07	3	590	18	0.16	<2	6
K269479		3.07	<10	1	0.28	10	0.52	910	7	0.02	3	530	116	1.92	8	4
K269480		2.87	<10	<1	0.23	10	0.63	848	2	0.01	2	520	21	0.75	5	7
K269481		3.06	<10	<1	0.30	20	0.62	2270	2	0.02	2	560	214	0.59	8	7
K269482		2.87	<10	<1	0.25	20	0.64	918	2	0.04	2	600	75	0.93	5	5
K269483		3.15	<10	1	0.34	10	0.51	2130	3	0.02	2	540	195	1.44	13	6
K269484		2.60	<10	<1	0.18	20	0.61	696	1	0.06	2	570	15	0.34	4	6
K269485		2.90	<10	1	0.26	10	0.61	1910	3	0.02	1	510	302	1.30	18	5
K269486		0.49	<10	<1	0.07	<10	12.55	235	<1	0.02	3	200	3	0.03	<2	<1
K269487		2.61	<10	<1	0.24	20	0.65	1270	5	0.01	2	550	55	0.73	6	7
K269488		4.44	<10	1	0.26	10	0.41	2050	9	0.01	1	450	807	3.65	13	4
K269489		2.81	<10	<1	0.20	20	0.62	713	2	0.08	2	570	14	0.69	<2	6

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VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11193199

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
K269454		105	<20	<0.01	<10	<10	16	<10	7120	21	
K269455		134	<20	<0.01	<10	<10	28	<10	213	2	
K269456		139	<20	<0.01	<10	<10	30	<10	94	<1	
K269457		41	<20	<0.01	<10	<10	7	<10	4030	35	
K269458		117	<20	0.01	<10	<10	35	<10	126	<1	
K269459		33	<20	<0.01	<10	<10	6	<10	>10000	24	1.075
K269460		45	<20	<0.01	<10	10	2	<10	19	<1	
K269461		86	<20	0.02	<10	<10	44	<10	91	<1	
K269462		114	<20	0.01	<10	<10	40	<10	50	<1	
K269463		99	<20	<0.01	<10	<10	17	<10	2630	6	
K269464		72	<20	<0.01	<10	<10	17	<10	4650	12	
K269465		241	<20	0.01	<10	<10	40	<10	58	1	
K269466		77	<20	0.05	<10	<10	314	<10	7600	30	
K269467		121	<20	<0.01	<10	<10	23	<10	485	2	
K269468		57	<20	<0.01	<10	<10	12	<10	1345	48	
K269469		109	<20	0.01	<10	<10	35	<10	200	1	
K269470		362	<20	0.02	<10	<10	40	<10	253	1	
K269471		90	<20	<0.01	<10	<10	13	<10	77	1	
K269472		110	<20	<0.01	<10	<10	23	<10	113	1	
K269473		72	<20	<0.01	<10	<10	17	<10	>10000	18	1.435
K269474		94	<20	<0.01	<10	<10	24	<10	226	3	
K269475		63	<20	<0.01	<10	<10	6	<10	115	2	
K269476		94	<20	<0.01	<10	<10	25	<10	47	1	
K269477		77	<20	0.05	<10	<10	314	<10	7520	30	
K269478		89	<20	0.02	<10	<10	42	<10	63	4	
K269479		86	<20	<0.01	<10	<10	17	<10	158	5	
K269480		105	<20	<0.01	<10	<10	30	<10	58	4	
K269481		117	<20	<0.01	<10	<10	25	<10	491	3	
K269482		87	<20	0.01	<10	<10	29	<10	125	<1	
K269483		79	<20	<0.01	<10	<10	18	<10	277	1	
K269484		98	<20	0.01	<10	<10	36	<10	39	1	
K269485		83	<20	<0.01	<10	<10	18	<10	848	4	
K269486		49	<20	<0.01	<10	<10	3	<10	17	<1	
K269487		106	<20	<0.01	<10	<10	23	<10	127	2	
K269488		60	<20	<0.01	<10	<10	12	<10	2380	14	
K269489		91	<20	0.02	<10	<10	38	<10	48	2	

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Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193328

Project: Klaza DDH- 61

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11193328

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972849		6.98	0.022	0.9	1.22	27	<10	530	1.0	<2	2.24	8.7	6	7	20	3.17
K972850		7.51	0.467	9.0	0.72	580	<10	40	0.6	6	1.39	117.5	4	6	143	5.97
K976001		4.51	0.604	11.0	0.68	619	<10	30	0.6	14	2.00	41.3	5	4	114	4.99
K976002		2.82	8.46	62.1	0.43	>10000	<10	10	<0.5	66	2.12	132.5	2	3	1280	12.25
K976003		1.76	0.007	0.5	0.05	12	<10	10	<0.5	<2	18.1	<0.5	4	<1	1	0.47
K976004		2.21	0.201	4.1	0.72	295	<10	30	0.6	3	2.30	24.1	4	5	44	4.67
K976005		9.82	<0.005	<0.2	1.00	10	<10	440	<0.5	<2	2.11	<0.5	5	10	4	2.66
K976006		12.42	<0.005	0.3	1.23	8	<10	450	<0.5	<2	1.51	0.9	6	10	9	3.06
K976007		12.24	0.008	0.4	1.33	13	<10	650	0.5	<2	2.26	2.8	9	10	14	3.66
K976008		0.17	1.540	32.7	4.73	145	<10	40	<0.5	4	4.44	31.7	85	56	7050	8.30
K976009		12.69	0.005	0.4	1.26	5	<10	200	<0.5	<2	1.37	0.7	7	9	5	2.57
K976010		11.67	<0.005	<0.2	1.29	7	<10	190	<0.5	<2	1.30	<0.5	6	14	6	2.96
K976011		8.50	<0.005	<0.2	1.20	4	<10	270	0.5	<2	1.83	<0.5	6	9	7	2.62
K976012		2.05	0.056	1.5	1.16	73	<10	130	0.7	<2	2.14	8.9	6	9	19	3.47
K976013		8.50	0.087	1.6	1.16	33	<10	180	0.5	<2	1.18	7.6	5	11	34	2.75
K976014		2.80	<0.005	<0.2	1.23	6	<10	170	0.5	<2	1.10	<0.5	4	14	5	2.88
K976015		12.71	<0.005	<0.2	1.26	6	<10	200	<0.5	<2	1.18	<0.5	5	11	4	2.77
K976016		13.06	<0.005	<0.2	1.15	5	<10	240	<0.5	<2	1.58	<0.5	4	11	4	2.81
K976017		12.44	<0.005	<0.2	1.17	7	<10	250	<0.5	<2	1.00	<0.5	4	10	4	2.57
K976018		9.25	<0.005	<0.2	1.14	5	<10	220	<0.5	<2	1.24	<0.5	5	14	4	2.78
K976019		4.91	0.053	1.7	0.66	55	<10	230	0.9	<2	2.00	14.6	5	4	23	3.47
K976020		13.32	0.014	0.4	1.18	8	<10	160	0.5	<2	1.83	5.7	5	12	14	3.01
K976021		13.16	<0.005	0.2	1.27	4	<10	160	<0.5	<2	1.30	<0.5	6	9	7	2.63
K976022		2.37	1.175	18.8	0.50	2450	<10	10	0.6	8	1.98	179.0	4	5	1245	8.64
K976023		14.34	0.005	<0.2	1.13	9	<10	180	0.5	<2	1.78	<0.5	5	9	5	2.74
K976024		9.22	0.012	<0.2	0.75	26	<10	380	0.7	<2	2.06	0.7	4	6	13	2.45
K976025		0.19	1.590	33.3	4.98	153	<10	40	<0.5	<2	4.50	32.5	84	57	7370	8.04
K976026		9.07	0.005	<0.2	1.00	6	<10	320	<0.5	<2	1.40	<0.5	4	11	6	2.47
K976027		14.60	<0.005	<0.2	1.11	5	<10	250	<0.5	<2	1.20	<0.5	4	11	4	2.54
K976028		11.61	<0.005	<0.2	1.17	5	<10	150	<0.5	<2	1.02	<0.5	5	12	7	2.38
K976029		12.57	<0.005	<0.2	1.18	5	<10	170	<0.5	<2	1.07	<0.5	6	11	7	2.56
K976030		8.06	<0.005	<0.2	1.15	4	<10	190	<0.5	<2	1.65	<0.5	4	9	3	2.37
K976031		8.29	<0.005	<0.2	1.07	6	<10	190	<0.5	<2	2.62	<0.5	1	9	7	1.71
K976032		8.23	0.018	<0.2	0.75	27	<10	270	0.5	<2	2.76	<0.5	2	5	23	2.00
K976033		2.23	<0.005	<0.2	0.06	4	<10	20	<0.5	<2	19.8	<0.5	<1	<1	1	0.41
K976034		12.81	0.009	<0.2	0.78	12	<10	280	0.6	<2	2.15	<0.5	2	4	4	1.72

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11193328

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972849		<10	<1	0.41	20	0.73	1060	<1	0.02	4	760	372	0.29	<2	7	152
K972850		<10	1	0.47	10	0.69	3310	1	0.02	1	480	2210	2.38	7	4	33
K976001		<10	<1	0.48	10	0.69	3030	1	0.02	2	520	1195	3.20	5	4	37
K976002		<10	1	0.27	<10	0.69	1635	7	0.01	<1	200	1665	>10.0	112	1	37
K976003		<10	<1	0.02	<10	11.40	207	<1	0.02	<1	160	5	0.04	2	<1	45
K976004		<10	<1	0.42	10	0.74	1440	1	0.02	2	550	412	3.24	<2	4	62
K976005		<10	<1	0.27	30	0.68	583	1	0.08	2	560	10	0.07	<2	6	74
K976006		<10	<1	0.23	20	0.72	500	1	0.11	1	580	88	0.06	<2	7	67
K976007		<10	<1	0.28	30	0.77	943	2	0.08	2	600	158	0.22	<2	6	68
K976008		10	1	0.24	10	1.12	629	45	0.35	301	670	7790	7.21	20	4	76
K976009		10	<1	0.19	20	0.68	408	1	0.11	<1	560	54	0.04	<2	5	52
K976010		10	<1	0.20	20	0.70	385	1	0.12	2	600	15	0.01	<2	5	55
K976011		<10	<1	0.20	20	0.59	428	1	0.09	1	580	10	0.03	<2	5	63
K976012		<10	<1	0.32	20	0.47	1440	1	0.05	1	590	412	0.55	<2	5	63
K976013		<10	<1	0.20	20	0.63	522	2	0.11	1	590	329	0.32	<2	4	48
K976014		<10	<1	0.18	20	0.70	356	1	0.11	2	600	20	0.01	<2	4	49
K976015		<10	<1	0.19	20	0.71	332	1	0.13	2	600	13	0.03	<2	5	57
K976016		<10	<1	0.17	20	0.63	388	2	0.10	2	550	13	0.04	<2	4	56
K976017		10	<1	0.18	20	0.72	305	2	0.12	1	570	11	0.01	<2	4	49
K976018		<10	<1	0.17	20	0.64	384	1	0.10	1	570	10	0.02	<2	5	51
K976019		<10	<1	0.37	20	0.61	2720	1	0.02	1	530	236	0.84	<2	7	60
K976020		<10	<1	0.22	20	0.67	625	1	0.08	3	590	53	0.12	<2	6	59
K976021		10	<1	0.17	20	0.72	432	1	0.10	2	590	13	0.02	<2	5	48
K976022		<10	1	0.34	10	0.49	2620	<1	0.02	<1	410	873	8.96	51	3	51
K976023		<10	<1	0.19	20	0.64	534	1	0.08	1	600	11	0.07	<2	6	61
K976024		<10	<1	0.22	30	0.59	587	4	0.02	2	580	18	0.15	7	8	60
K976025		10	2	0.23	10	1.11	615	46	0.33	323	690	8430	7.46	27	4	78
K976026		<10	1	0.16	20	0.58	341	4	0.08	2	590	13	0.03	2	5	61
K976027		10	<1	0.15	20	0.64	312	3	0.09	2	570	11	0.02	<2	4	46
K976028		10	1	0.14	20	0.68	298	2	0.09	1	580	11	0.02	<2	4	42
K976029		10	1	0.14	20	0.70	349	1	0.09	1	550	10	0.01	<2	4	51
K976030		10	<1	0.15	30	0.67	403	1	0.10	1	560	9	0.01	<2	7	73
K976031		<10	1	0.14	20	0.69	525	<1	0.07	1	560	4	0.01	<2	6	68
K976032		<10	1	0.22	20	0.74	1410	<1	0.02	1	550	64	0.18	4	7	87
K976033		<10	<1	0.03	<10	11.95	185	<1	0.02	1	240	<2	0.01	<2	<1	54
K976034		<10	<1	0.28	20	0.68	975	<1	0.02	<1	550	9	0.23	<2	7	66

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11193328

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K972849		<20	<0.01	<10	<10	28	<10	619	1	
K972850		<20	<0.01	<10	<10	16	<10	7240	9	
K976001		<20	<0.01	<10	<10	11	<10	2810	12	
K976002		<20	<0.01	<10	<10	7	<10	8830	80	
K976003		<20	<0.01	<10	<10	1	<10	27	1	
K976004		<20	<0.01	<10	<10	19	<10	1880	4	
K976005		<20	0.01	<10	<10	39	<10	44	<1	
K976006		<20	0.03	<10	<10	50	<10	95	1	
K976007		<20	0.01	<10	<10	46	<10	243	<1	
K976008		<20	0.06	<10	10	320	<10	7220	31	
K976009		<20	0.09	<10	<10	51	<10	67	1	
K976010		<20	0.12	<10	<10	57	<10	31	<1	
K976011		<20	0.06	<10	<10	50	<10	30	<1	
K976012		<20	0.02	<10	<10	40	<10	936	3	
K976013		<20	0.13	<10	<10	54	<10	874	2	
K976014		<20	0.14	<10	<10	58	<10	31	<1	
K976015		<20	0.12	<10	<10	58	<10	32	<1	
K976016		<20	0.10	<10	<10	51	<10	30	1	
K976017		<20	0.15	<10	<10	56	<10	29	<1	
K976018		<20	0.11	<10	<10	54	<10	31	<1	
K976019		<20	<0.01	<10	<10	18	<10	1110	1	
K976020		<20	0.05	<10	<10	49	<10	358	<1	
K976021		<20	0.12	<10	<10	56	<10	33	1	
K976022		<20	<0.01	<10	<10	11	<10	>10000	17	1.185
K976023		<20	0.03	<10	<10	50	<10	56	<1	
K976024		<20	<0.01	<10	<10	36	<10	75	<1	
K976025		<20	0.05	<10	<10	323	<10	7650	30	
K976026		<20	0.07	<10	<10	50	<10	34	<1	
K976027		<20	0.10	<10	<10	51	<10	29	<1	
K976028		<20	0.13	<10	<10	53	<10	26	<1	
K976029		<20	0.10	<10	<10	50	<10	27	<1	
K976030		<20	0.03	<10	<10	49	<10	31	<1	
K976031		<20	0.01	<10	<10	39	<10	36	<1	
K976032		<20	<0.01	<10	<10	27	<10	72	<1	
K976033		<20	<0.01	<10	<10	2	<10	15	<1	
K976034		<20	<0.01	<10	<10	24	<10	57	<1	

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11193329

Project: Klaza DDH- 63

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193329

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973999		8.80	<0.005	<0.2	0.86	6	<10	680	0.5	<2	1.76	<0.5	6	5	2	2.22
K974000		7.21	0.197	2.2	0.55	322	<10	90	<0.5	2	1.55	6.1	7	5	12	3.62
K974051		8.50	0.005	<0.2	0.83	8	<10	430	0.6	<2	1.24	<0.5	4	5	3	2.15
K974052		6.10	0.005	<0.2	0.75	14	<10	970	0.6	<2	1.73	<0.5	4	5	4	2.59
K974053		4.83	0.034	0.9	0.53	127	<10	500	0.6	<2	2.27	3.2	4	4	33	2.64
K974054		8.61	0.008	0.3	0.98	15	<10	400	0.7	<2	1.59	1.5	5	6	6	2.99
K974055		4.99	8.17	93.3	0.37	3700	<10	10	<0.5	123	3.51	402	3	3	1240	7.92
K974056		4.33	0.168	2.9	0.42	311	<10	100	<0.5	<2	4.26	31.4	7	5	35	3.60
K974057		6.89	0.053	1.1	0.69	241	<10	480	0.7	<2	2.34	8.2	4	5	16	2.85
K974058		2.71	<0.005	0.2	0.06	<2	<10	<10	<0.5	<2	18.0	<0.5	2	<1	1	0.36
K974059		5.59	0.099	2.7	0.57	131	<10	220	<0.5	4	1.56	30.9	5	4	48	3.33
K974060		4.36	0.157	3.7	0.46	213	<10	50	<0.5	6	1.09	33.8	7	5	53	4.97
K974061		8.56	0.234	3.2	0.56	558	<10	60	0.6	4	2.58	23.2	4	4	22	3.50
K974062		6.09	0.789	11.1	0.48	4370	<10	<10	<0.5	15	1.70	42.8	5	5	135	5.19
K974063		0.22	3.25	>100	0.18	>10000	<10	<10	<0.5	2	0.39	313	1	11	1470	13.20
K974064		7.11	1.255	19.5	0.49	1805	<10	30	<0.5	26	1.54	79.9	13	6	179	5.38
K974065		10.86	0.034	1.3	0.71	198	<10	180	<0.5	<2	1.60	14.0	4	5	11	3.18
K974066		8.77	0.058	2.1	0.70	130	<10	150	0.5	4	2.32	21.7	5	6	21	4.14
K974067		4.07	<0.005	0.4	0.72	12	<10	560	0.6	<2	3.05	0.9	4	5	1	2.50
K974068		7.08	0.036	0.9	0.69	96	<10	290	0.5	3	1.93	8.4	5	6	8	3.44
K974069		6.97	0.005	0.2	0.78	13	<10	770	0.7	2	1.98	0.6	4	6	9	2.81
K974070		0.25	3.28	>100	0.18	>10000	<10	<10	<0.5	3	0.40	321	1	9	1480	13.50
K974071		4.20	0.256	3.7	0.55	542	<10	40	0.6	4	2.03	16.2	8	5	27	4.67
K974072		7.95	0.521	6.4	0.50	826	<10	50	0.5	9	2.34	30.9	5	6	48	5.13
K974073		4.23	0.060	1.5	0.51	526	<10	70	0.7	2	1.58	11.9	4	5	17	4.75
K974074		1.91	0.036	1.5	0.53	540	<10	30	0.7	3	1.68	11.5	5	6	16	4.24
K974075		3.00	0.757	20.9	0.71	1065	<10	70	0.5	36	0.65	194.0	7	7	247	5.97
K974076		7.54	0.080	1.1	0.93	105	<10	390	0.8	<2	1.69	9.5	5	6	12	3.40
K974077		6.65	0.429	5.1	0.53	770	<10	<10	<0.5	5	0.62	30.4	8	4	54	5.64
K974078		6.66	0.459	5.7	0.63	1100	<10	10	0.5	3	1.03	26.6	7	5	59	5.09
K974079		5.43	0.055	1.4	0.66	132	<10	130	0.6	3	1.77	21.0	8	5	17	3.82
K974080		5.12	0.102	0.8	0.66	25	<10	340	0.6	2	1.88	11.4	8	6	15	3.66
K974081		5.98	0.167	3.6	0.57	489	<10	50	<0.5	3	2.13	28.8	7	5	25	4.55
K974082		3.03	<0.005	0.2	0.06	3	<10	<10	<0.5	<2	18.1	<0.5	2	<1	2	0.39
K974083		5.57	0.054	3.8	0.70	80	<10	150	0.6	8	1.56	19.3	7	6	11	3.54
K974084		5.05	<0.005	<0.2	0.79	6	<10	530	0.7	<2	2.22	<0.5	6	6	2	2.52

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193329

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973999		<10	<1	0.25	20	0.47	529	3	0.02	2	540	7	0.28	<2	7	54
K974000		<10	1	0.34	10	0.47	2990	5	0.02	2	490	103	1.41	7	4	37
K974051		<10	<1	0.23	20	0.40	624	3	0.02	1	570	8	0.09	3	7	43
K974052		<10	<1	0.30	20	0.58	1075	3	0.02	1	560	23	0.25	<2	7	64
K974053		<10	<1	0.35	20	0.73	1465	3	0.02	<1	520	217	0.52	5	4	80
K974054		<10	<1	0.26	20	0.57	1150	3	0.02	1	570	59	0.26	<2	7	65
K974055		<10	1	0.27	<10	1.32	2550	9	0.02	<1	300	5420	9.54	51	2	69
K974056		<10	<1	0.30	10	1.02	2910	9	0.02	1	330	644	1.59	8	3	100
K974057		<10	<1	0.57	10	0.80	1130	2	0.02	1	470	240	0.69	5	5	83
K974058		<10	<1	0.02	<10	11.60	187	1	0.02	<1	320	3	0.02	2	<1	52
K974059		<10	<1	0.44	10	0.55	1615	2	0.02	2	510	641	1.38	5	3	43
K974060		<10	<1	0.36	10	0.53	1530	2	0.01	4	490	717	2.61	5	3	31
K974061		<10	<1	0.41	10	0.83	1955	3	0.01	<1	470	587	2.03	8	3	75
K974062		<10	<1	0.35	10	0.51	5220	2	0.01	<1	420	369	4.42	46	2	38
K974063		<10	1	0.07	<10	0.17	1400	1	0.01	9	130	>10000	>10.0	524	1	20
K974064		<10	<1	0.34	10	0.46	2000	6	0.01	<1	430	1075	4.42	29	2	41
K974065		<10	<1	0.63	20	0.52	1600	2	0.02	<1	500	596	1.40	3	3	42
K974066		<10	<1	0.61	10	0.76	2320	6	0.01	1	490	612	1.37	5	4	56
K974067		<10	<1	0.51	10	0.92	1735	1	0.02	2	510	66	0.53	<2	5	94
K974068		<10	<1	0.42	10	0.71	1495	1	0.02	1	520	289	0.76	4	5	61
K974069		<10	<1	0.34	20	0.66	1000	3	0.02	1	540	16	0.24	3	6	79
K974070		<10	1	0.07	<10	0.17	1430	1	0.01	9	130	>10000	>10.0	538	1	22
K974071		<10	<1	0.35	10	0.70	1960	2	0.01	1	490	627	2.46	4	4	63
K974072		<10	<1	0.36	10	0.99	3290	3	0.01	<1	430	548	1.93	13	3	55
K974073		<10	<1	0.34	10	0.74	1725	2	0.01	1	490	484	1.36	3	4	53
K974074		<10	<1	0.34	10	0.76	1700	2	0.01	<1	510	280	0.71	3	5	58
K974075		<10	<1	0.63	10	0.50	1630	4	0.02	<1	420	1780	3.75	19	2	22
K974076		<10	<1	0.50	20	0.66	1160	2	0.01	1	550	405	0.63	2	7	71
K974077		<10	<1	0.33	10	0.32	2250	19	0.01	1	460	660	4.58	22	2	36
K974078		<10	<1	0.43	10	0.34	4480	2	0.01	1	500	246	3.41	16	3	38
K974079		<10	<1	0.47	10	0.61	3020	2	0.01	<1	510	246	1.24	3	5	63
K974080		<10	<1	0.35	10	0.58	1485	1	0.01	1	510	120	0.54	<2	5	84
K974081		<10	<1	0.39	10	0.68	4630	2	0.01	3	510	476	1.66	8	3	55
K974082		<10	1	0.02	<10	11.90	189	1	0.01	<1	210	4	0.02	<2	<1	51
K974083		<10	<1	0.31	20	0.49	1565	2	0.01	<1	500	548	1.59	3	4	70
K974084		<10	1	0.28	20	0.59	721	2	0.02	<1	560	13	0.31	<2	7	113

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11193329

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K973999		<20	<0.01	<10	<10	27	<10	40	<1		
K974000		<20	<0.01	<10	<10	13	<10	492	1		
K974051		<20	<0.01	<10	<10	29	<10	36	<1		
K974052		<20	<0.01	<10	<10	29	<10	67	<1		
K974053		<20	<0.01	<10	<10	16	<10	275	1		
K974054		<20	<0.01	<10	<10	29	<10	135	<1		
K974055		<20	<0.01	<10	<10	6	10	>10000	91		2.81
K974056		<20	<0.01	<10	10	8	<10	2300	3		
K974057		<20	0.01	<10	<10	21	<10	601	1		
K974058		<20	<0.01	<10	<10	1	<10	18	<1		
K974059		<20	<0.01	<10	<10	8	<10	2180	2		
K974060		<20	<0.01	<10	<10	12	<10	2290	4		
K974061		<20	<0.01	<10	<10	8	<10	1650	3		
K974062		<20	<0.01	<10	<10	6	<10	3320	11		
K974063		<20	<0.01	<10	<10	6	140	>10000	409	3.03	3.55
K974064		<20	<0.01	<10	<10	8	<10	5420	19		
K974065		<20	0.01	<10	<10	13	<10	1060	2		
K974066		<20	0.01	<10	<10	14	<10	1560	2		
K974067		<20	<0.01	<10	<10	15	<10	102	<1		
K974068		<20	<0.01	<10	<10	17	<10	663	1		
K974069		<20	<0.01	<10	<10	23	<10	63	<1		
K974070		<20	<0.01	<10	<10	7	150	>10000	418	3.04	3.52
K974071		<20	<0.01	<10	<10	13	<10	1340	4		
K974072		<20	<0.01	<10	<10	10	<10	2240	6		
K974073		<20	<0.01	<10	<10	12	<10	917	<1		
K974074		<20	<0.01	<10	<10	14	<10	890	<1		
K974075		<20	0.01	<10	<10	14	<10	>10000	21		1.360
K974076		<20	0.01	<10	<10	28	<10	710	<1		
K974077		<20	<0.01	<10	<10	10	<10	2190	5		
K974078		<20	<0.01	<10	<10	8	<10	1900	5		
K974079		<20	0.01	<10	<10	15	<10	1430	1		
K974080		<20	<0.01	<10	<10	20	<10	760	<1		
K974081		<20	<0.01	<10	<10	10	<10	2070	2		
K974082		<20	<0.01	<10	<10	1	<10	21	<1		
K974083		<20	<0.01	<10	<10	18	<10	1260	2		
K974084		<20	<0.01	<10	<10	29	<10	48	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11194140

Project: Klaza DDH- 55

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11194140

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829295		7.11	0.009	2.5	0.94	17	<10	410	0.5	<2	2.19	19.8	6	4	13	1.99
L829296		8.08	<0.005	0.2	0.78	9	<10	440	<0.5	2	2.85	<0.5	4	5	1	2.28
L829297		6.45	0.010	0.4	0.83	15	<10	870	0.5	<2	3.09	<0.5	4	5	1	2.79
L829298		2.60	<0.005	<0.2	0.05	2	<10	<10	<0.5	<2	17.4	<0.5	2	<1	1	0.37
L829299		10.49	<0.005	0.2	1.04	7	<10	330	<0.5	2	1.54	<0.5	3	8	1	2.32
L829300		13.77	<0.005	0.3	0.96	7	<10	440	<0.5	<2	1.92	1.3	5	7	2	2.54
L829301		3.00	<0.005	0.3	0.67	13	<10	420	<0.5	2	1.92	<0.5	3	5	<1	2.20
L829302		9.70	<0.005	0.2	1.08	7	<10	250	<0.5	2	1.74	<0.5	4	8	1	2.55
L829303		13.79	<0.005	<0.2	0.95	7	<10	320	<0.5	<2	1.98	<0.5	5	7	3	2.38
L829304		0.15	1.090	28.1	4.08	114	<10	30	<0.5	5	3.81	26.6	70	46	5750	6.95
L829305		5.91	0.016	1.0	0.89	31	<10	160	0.5	<2	1.77	4.7	4	5	18	2.51
L829306		8.08	6.33	42.8	0.44	2610	<10	40	<0.5	4	1.19	112.5	4	3	273	5.08
L829307		3.73	0.663	8.4	0.62	59	<10	250	0.6	<2	1.62	33.7	5	4	54	2.43
L829308		10.54	0.008	0.6	1.22	6	<10	420	0.5	<2	1.66	0.7	5	7	2	2.56
L829309		13.16	0.021	0.3	0.95	24	<10	330	0.5	<2	2.00	5.1	4	6	6	2.95
L829310		12.33	0.005	<0.2	0.83	6	<10	330	<0.5	<2	1.45	1.2	3	7	3	2.39
L829311		4.86	0.119	2.2	0.56	48	<10	350	0.6	<2	2.13	54.4	3	3	32	3.95
L829312		2.56	<0.005	<0.2	0.02	<2	<10	<10	<0.5	<2	19.9	<0.5	1	1	4	0.38
L829313		6.68	0.006	<0.2	0.94	5	<10	330	<0.5	<2	1.73	<0.5	5	8	5	2.42
L829314		4.44	0.245	5.1	0.77	370	<10	40	0.6	5	1.67	14.4	6	5	114	3.60
L829315		8.46	0.006	0.2	1.15	4	<10	260	0.5	<2	2.24	1.6	4	6	8	2.81
L829316		9.64	0.014	0.7	0.66	18	<10	310	0.5	<2	2.01	2.9	6	5	22	3.63
L829317		6.07	0.076	5.5	0.48	115	<10	130	<0.5	3	1.58	21.9	5	5	241	5.75
L829318		14.76	0.066	4.9	1.23	17	<10	360	<0.5	9	1.80	5.2	4	8	227	2.86
L829319		4.82	0.005	<0.2	1.17	3	<10	610	<0.5	<2	2.35	<0.5	3	7	2	2.12
L829320		8.81	<0.005	<0.2	1.49	3	<10	270	<0.5	<2	2.33	<0.5	3	8	2	2.91
L829321		6.84	<0.005	<0.2	1.72	4	<10	100	<0.5	<2	3.47	<0.5	4	5	1	3.32
L829322		4.75	0.284	8.4	1.13	68	<10	60	<0.5	11	6.54	75.8	76	2	54	6.80
L829323		7.85	0.075	3.3	1.53	18	<10	80	<0.5	2	4.77	13.3	33	4	9	4.51
L829324		0.09	1.410	31.4	4.70	141	<10	30	<0.5	11	4.31	30.1	83	53	6710	7.89
L829325		8.76	<0.005	<0.2	1.35	2	<10	130	<0.5	<2	2.51	<0.5	3	7	23	2.88
L829326		4.11	<0.005	<0.2	1.35	4	<10	130	<0.5	<2	2.54	<0.5	4	7	2	2.95
L829327		6.77	0.019	1.3	0.99	16	<10	120	0.5	2	1.95	4.4	6	6	11	3.17
L829328		12.60	<0.005	<0.2	1.13	2	<10	320	<0.5	<2	1.52	<0.5	5	8	2	2.50
L829329		8.22	<0.005	<0.2	1.62	2	<10	280	0.5	<2	2.37	<0.5	3	7	1	2.87
L829330		4.41	<0.005	<0.2	1.08	2	<10	400	<0.5	<2	2.88	<0.5	2	5	1	2.06

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CERTIFICATE OF ANALYSIS WH11194140

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829295		<10	<1	0.71	10	0.42	1285	2	0.02	1	560	649	0.30	2	3	49
L829296		<10	<1	0.34	20	0.46	1025	1	0.04	<1	570	8	0.15	<2	4	99
L829297		<10	<1	0.41	20	0.75	1150	2	0.05	1	510	15	0.25	<2	4	114
L829298		<10	<1	0.02	<10	11.30	179	1	0.02	<1	310	3	0.03	<2	<1	52
L829299		<10	<1	0.19	20	0.60	525	2	0.08	<1	530	15	0.05	<2	5	70
L829300		<10	<1	0.21	20	0.65	604	2	0.06	1	540	77	0.10	2	6	81
L829301		<10	<1	0.26	20	0.54	694	2	0.06	<1	490	5	0.10	<2	5	110
L829302		<10	<1	0.19	20	0.67	546	2	0.07	1	600	11	0.06	<2	6	75
L829303		<10	<1	0.22	20	0.54	718	1	0.05	3	540	12	0.02	<2	6	90
L829304		<10	1	0.19	<10	0.93	520	36	0.27	257	550	6990	5.86	23	4	65
L829305		<10	<1	0.25	20	0.50	875	<1	0.03	2	530	435	0.29	<2	5	65
L829306		<10	<1	0.31	10	0.47	2060	<1	<0.01	1	480	>10000	3.38	41	3	33
L829307		<10	<1	0.25	20	0.49	1420	<1	0.01	2	530	2220	0.44	8	7	62
L829308		<10	<1	0.18	20	0.67	587	<1	0.04	2	570	152	0.03	2	6	76
L829309		<10	1	0.24	20	0.65	1065	<1	0.04	1	550	151	0.17	<2	6	91
L829310		<10	<1	0.17	20	0.63	554	<1	0.06	1	540	77	0.04	<2	5	75
L829311		<10	1	0.32	20	0.75	1805	<1	0.01	<1	550	607	0.85	2	6	92
L829312		<10	<1	0.01	<10	12.00	184	<1	0.01	2	270	2	<0.01	<2	<1	52
L829313		<10	<1	0.17	20	0.63	617	<1	0.06	1	560	8	0.03	<2	6	73
L829314		<10	<1	0.30	20	0.49	1435	1	0.02	1	530	568	2.04	16	5	59
L829315		<10	1	0.24	20	0.61	845	<1	0.03	2	570	102	0.18	2	5	83
L829316		<10	<1	0.28	20	0.71	1480	<1	0.03	1	540	193	0.29	2	6	85
L829317		<10	<1	0.34	10	0.76	2580	<1	0.01	<1	520	894	1.68	5	4	47
L829318		<10	<1	0.18	20	0.68	656	<1	0.06	1	560	115	0.24	2	6	73
L829319		<10	<1	0.18	20	0.62	556	2	0.04	1	510	6	0.09	<2	4	62
L829320		<10	<1	0.17	20	0.77	646	<1	0.04	2	570	7	0.05	<2	6	81
L829321		<10	<1	0.19	30	0.80	1305	2	0.02	2	570	13	0.42	<2	5	98
L829322		<10	1	0.23	20	0.62	2210	44	0.01	4	300	1015	6.00	3	3	181
L829323		<10	<1	0.28	20	0.64	1995	5	0.01	2	570	211	2.42	<2	4	106
L829324		<10	1	0.22	<10	1.06	587	43	0.31	301	620	7890	6.82	26	4	73
L829325		<10	<1	0.22	20	0.64	1075	1	0.04	2	560	20	0.24	<2	6	64
L829326		<10	<1	0.21	20	0.66	1050	<1	0.04	1	580	10	0.23	<2	6	67
L829327		<10	1	0.21	20	0.52	1140	1	0.01	2	610	599	0.43	2	6	52
L829328		<10	<1	0.16	20	0.62	415	1	0.06	2	570	10	0.04	<2	5	62
L829329		<10	<1	0.19	20	0.75	714	2	0.04	1	600	6	0.10	<2	5	80
L829330		<10	<1	0.20	10	0.57	834	19	0.02	2	520	2	0.34	<2	3	58

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11194140

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L829295		<20	0.02	<10	<10	22	<10	1380	1	
L829296		<20	<0.01	<10	<10	23	<10	55	<1	
L829297		<20	0.01	<10	<10	29	<10	69	<1	
L829298		<20	<0.01	<10	<10	1	<10	15	<1	
L829299		<20	0.04	<10	<10	40	<10	45	<1	
L829300		<20	0.01	<10	<10	38	<10	116	<1	
L829301		<20	<0.01	<10	<10	25	<10	35	<1	
L829302		<20	0.02	<10	<10	42	<10	49	<1	
L829303		<20	0.01	<10	<10	35	<10	47	<1	
L829304		<20	0.04	<10	<10	260	10	6420	23	
L829305		<20	0.01	<10	<10	29	<10	375	<1	
L829306		<20	<0.01	<10	<10	9	<10	7330	37	1.035
L829307		<20	<0.01	<10	<10	25	<10	2160	9	
L829308		<20	0.01	<10	<10	40	<10	86	<1	
L829309		<20	0.01	<10	<10	33	<10	399	<1	
L829310		<20	0.03	<10	<10	39	<10	112	<1	
L829311		<20	<0.01	<10	<10	22	<10	3410	2	
L829312		<20	<0.01	<10	10	1	<10	22	<1	
L829313		<20	0.02	<10	<10	41	<10	36	<1	
L829314		<20	<0.01	<10	<10	23	<10	1165	5	
L829315		<20	0.01	<10	<10	34	<10	158	<1	
L829316		<20	<0.01	<10	<10	30	<10	276	<1	
L829317		<20	<0.01	<10	<10	19	<10	1665	4	
L829318		<20	0.03	<10	<10	43	<10	416	4	
L829319		<20	<0.01	<10	<10	34	<10	37	<1	
L829320		<20	0.01	<10	<10	46	<10	51	2	
L829321		<20	<0.01	<10	<10	37	<10	58	<1	
L829322		<20	<0.01	<10	<10	26	10	5140	8	
L829323		<20	<0.01	<10	<10	30	<10	962	4	
L829324		<20	0.05	<10	<10	298	10	7400	30	
L829325		<20	0.01	<10	<10	40	<10	82	1	
L829326		<20	0.01	<10	<10	40	<10	49	1	
L829327		<20	<0.01	<10	<10	35	<10	403	1	
L829328		<20	0.06	<10	<10	47	<10	33	<1	
L829329		<20	0.01	<10	<10	42	<10	41	1	
L829330		<20	<0.01	<10	<10	24	<10	37	<1	

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11194141

Project: Klaza DDH- 63

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11194141

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K974085		3.75	0.105	1.5	0.45	276	<10	50	0.6	2	2.43	12.6	10	3	14	4.01
K974086		6.19	0.009	0.2	0.84	28	<10	440	0.8	<2	2.29	<0.5	9	4	34	2.68
K974087		3.55	0.007	0.2	1.00	25	<10	380	0.8	<2	2.09	<0.5	10	4	45	2.94
K974088		5.26	0.094	0.7	0.53	335	<10	30	0.7	<2	2.05	1.4	8	3	18	2.50
K974089		4.99	0.143	3.1	0.48	238	<10	10	0.5	5	2.00	12.8	11	3	32	4.17
K974090		8.14	0.109	2.7	0.47	171	<10	30	<0.5	4	1.48	13.2	11	4	8	5.21
K974091		10.68	1.590	>100	0.35	1410	<10	<10	<0.5	162	0.99	667	12	3	1615	9.23
K974092		1.86	<0.005	<0.2	0.04	4	<10	10	<0.5	<2	19.1	0.7	2	1	8	0.40
K974093		12.98	<0.005	0.6	0.59	8	<10	630	0.7	<2	1.80	1.5	5	3	12	1.99
K974094		13.60	0.007	0.6	0.59	11	<10	1130	0.8	<2	1.88	1.5	4	3	9	1.96
K974095		7.59	<0.005	<0.2	0.83	3	<10	720	0.8	<2	2.19	<0.5	4	3	2	2.00
K974096		6.17	<0.005	0.2	0.77	17	<10	1910	0.8	<2	2.01	<0.5	5	4	8	2.25
K974097		7.19	0.124	5.1	0.56	374	<10	20	0.6	5	0.85	5.2	12	3	88	7.11
K974098		4.57	<0.005	<0.2	0.71	10	<10	1010	0.9	<2	3.61	<0.5	5	2	3	2.16
K974099		14.23	<0.005	<0.2	0.77	10	<10	1180	0.9	<2	3.33	<0.5	5	2	3	2.09
K974100		9.57	<0.005	<0.2	0.58	73	<10	1150	0.8	<2	3.01	<0.5	7	3	6	2.27
K974101		4.21	0.221	49.8	0.77	379	<10	30	0.6	9	1.49	25.7	4	4	232	7.00
K974102		2.00	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	17.4	<0.5	1	<1	2	0.36
K974103		5.95	0.032	1.7	0.74	72	<10	450	0.7	2	2.26	10.3	6	4	33	3.19
K974104		5.55	0.081	7.1	0.62	227	<10	250	0.6	6	2.08	22.4	5	4	278	4.25
K974105		4.18	0.140	3.7	0.62	167	<10	400	0.7	6	2.38	12.6	6	4	47	3.85
K974106		7.01	0.023	1.1	1.05	12	<10	400	0.5	2	1.65	1.8	6	7	18	3.02
K974107		4.27	0.030	0.5	0.72	51	<10	430	0.7	<2	2.21	11.3	8	5	6	2.98
K974108		0.20	3.22	>100	0.19	>10000	<10	10	<0.5	3	0.41	324	1	9	1505	13.75
K974109		10.36	<0.005	0.5	1.10	39	<10	410	<0.5	<2	1.75	<0.5	7	8	10	2.89
K974110		4.50	0.017	0.5	0.60	41	<10	460	0.5	2	2.63	1.2	6	5	20	2.52
K974111		12.60	<0.005	<0.2	1.15	14	<10	220	<0.5	<2	1.25	<0.5	6	10	8	2.85
K974112		4.88	0.017	0.2	0.92	14	<10	160	0.5	<2	2.26	1.8	6	7	18	3.31
K974113		11.91	<0.005	<0.2	1.08	6	<10	560	0.5	<2	1.89	<0.5	7	8	4	3.06
K974114		6.40	0.032	<0.2	1.16	6	<10	310	<0.5	2	1.63	0.8	5	9	5	2.88
K974115		10.05	0.007	<0.2	0.82	11	<10	430	0.7	<2	1.02	<0.5	7	4	18	3.06
K974116		4.95	0.006	0.3	0.97	10	<10	290	0.6	<2	2.07	<0.5	6	4	31	2.72
K974117		4.53	0.009	0.3	0.83	16	<10	120	0.6	<2	3.51	<0.5	12	6	20	2.91
K974118		7.55	0.008	<0.2	1.26	14	<10	270	0.7	<2	2.17	<0.5	7	5	19	2.67
K974119		0.14	1.455	31.9	4.90	148	<10	50	<0.5	6	4.53	32.3	83	55	6870	8.34
K974120		5.27	0.006	<0.2	1.10	14	<10	260	0.6	<2	1.81	<0.5	7	4	26	2.46

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Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11194141

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K974085		<10	<1	0.32	10	0.68	1420	<1	0.01	1	550	194	2.66	3	5	85
K974086		<10	<1	0.24	20	0.64	731	<1	0.01	3	570	14	0.52	8	7	138
K974087		<10	<1	0.25	20	0.64	693	2	0.02	2	590	13	0.56	9	7	124
K974088		<10	<1	0.29	10	0.63	1230	<1	<0.01	2	550	56	1.65	8	4	87
K974089		<10	<1	0.30	10	0.62	1230	1	0.01	2	450	273	3.91	10	3	76
K974090		<10	<1	0.35	<10	0.43	1560	4	<0.01	1	410	345	5.00	6	2	34
K974091		<10	2	0.25	<10	0.38	1970	12	0.01	<1	290	1450	>10.0	215	1	36
K974092		<10	<1	0.02	<10	11.55	191	<1	0.01	3	240	4	0.03	<2	<1	51
K974093		<10	<1	0.30	20	0.65	562	3	0.02	2	860	34	0.09	3	3	150
K974094		<10	<1	0.29	20	0.65	514	4	0.02	2	870	26	0.12	<2	3	195
K974095		<10	<1	0.37	20	0.72	561	2	0.02	1	850	10	0.04	<2	3	160
K974096		<10	1	0.33	10	0.73	805	5	0.03	3	790	19	0.14	3	3	173
K974097		<10	<1	0.35	10	0.45	2340	6	0.03	1	510	237	5.54	15	3	48
K974098		<10	<1	0.32	10	0.96	814	2	0.03	3	620	14	0.09	2	4	394
K974099		<10	<1	0.37	10	0.90	584	2	0.03	1	590	12	0.10	<2	4	345
K974100		<10	1	0.27	10	0.90	820	4	0.03	3	590	23	0.21	3	4	291
K974101		<10	<1	0.28	10	0.51	1435	3	0.04	<1	460	>10000	6.04	41	5	93
K974102		<10	<1	0.02	<10	10.95	162	<1	0.01	<1	260	<2	0.02	<2	<1	56
K974103		<10	1	0.31	20	0.67	1105	2	0.03	1	560	223	0.55	5	6	162
K974104		<10	1	0.37	20	0.74	2060	3	0.03	<1	500	417	1.13	11	4	146
K974105		<10	1	0.31	10	0.86	1845	4	0.03	1	490	157	0.83	4	5	130
K974106		<10	<1	0.22	20	0.65	648	3	0.07	2	560	51	0.43	2	5	96
K974107		<10	1	0.25	20	0.63	1090	3	0.03	1	530	106	0.71	2	6	121
K974108		<10	2	0.07	<10	0.17	1440	2	0.03	8	140	>10000	>10.0	540	1	21
K974109		<10	<1	0.20	20	0.63	729	3	0.08	1	560	32	0.40	<2	6	148
K974110		<10	<1	0.27	20	0.64	975	3	0.04	1	520	52	0.54	2	5	143
K974111		10	<1	0.18	20	0.66	444	3	0.09	1	550	15	0.17	2	5	71
K974112		<10	<1	0.24	20	0.75	688	3	0.06	1	540	39	1.19	<2	6	105
K974113		<10	<1	0.26	20	0.65	975	3	0.07	<1	560	11	0.55	<2	5	96
K974114		10	<1	0.20	20	0.70	659	3	0.09	2	560	38	0.23	<2	6	78
K974115		<10	<1	0.24	10	0.41	727	2	0.02	1	440	11	0.62	5	4	71
K974116		<10	1	0.21	10	0.65	523	2	0.04	1	510	14	0.75	7	4	122
K974117		<10	<1	0.24	20	0.53	959	2	0.04	1	430	27	1.41	4	5	141
K974118		<10	<1	0.22	20	0.43	697	2	0.05	1	510	13	0.82	3	4	108
K974119		10	1	0.23	10	1.12	617	46	0.34	299	660	8340	7.12	27	4	79
K974120		<10	<1	0.20	20	0.34	640	2	0.03	1	530	19	0.91	3	4	105

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11194141

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K974085		<20	<0.01	<10	<10	13	<10	952	2		
K974086		<20	<0.01	<10	<10	26	<10	33	<1		
K974087		<20	<0.01	<10	<10	27	<10	34	<1		
K974088		<20	<0.01	<10	<10	8	<10	152	1		
K974089		<20	<0.01	<10	<10	7	<10	914	3		
K974090		<20	<0.01	<10	<10	7	<10	992	3		
K974091		<20	<0.01	<10	<10	8	20	>10000	114		4.65
K974092		<20	<0.01	<10	10	1	<10	145	<1		
K974093		<20	<0.01	<10	<10	14	<10	185	1		
K974094		<20	<0.01	<10	<10	14	<10	205	1		
K974095		<20	<0.01	<10	<10	14	<10	105	<1		
K974096		<20	<0.01	<10	<10	16	<10	88	<1		
K974097		<20	<0.01	<10	<10	11	<10	473	4		
K974098		<20	<0.01	<10	<10	17	<10	38	<1		
K974099		<20	<0.01	<10	<10	18	<10	36	<1		
K974100		<20	<0.01	<10	<10	23	<10	52	<1		
K974101		<20	<0.01	<10	<10	23	<10	2100	48	1.045	
K974102		<20	<0.01	<10	<10	2	<10	13	<1		
K974103		20	<0.01	<10	<10	23	<10	723	2		
K974104		<20	<0.01	<10	<10	19	<10	1580	7		
K974105		<20	<0.01	<10	<10	21	<10	1100	4		
K974106		20	0.02	<10	<10	38	<10	190	2		
K974107		<20	<0.01	<10	<10	27	<10	846	<1		
K974108		<20	<0.01	<10	<10	7	140	>10000	442	3.15	3.50
K974109		20	0.01	<10	<10	39	<10	69	<1		
K974110		<20	<0.01	<10	<10	23	<10	113	<1		
K974111		<20	0.09	<10	<10	49	<10	44	<1		
K974112		<20	<0.01	<10	<10	32	<10	168	<1		
K974113		<20	0.01	<10	<10	36	<10	58	<1		
K974114		<20	0.02	<10	<10	42	<10	87	<1		
K974115		<20	<0.01	<10	<10	21	<10	56	<1		
K974116		<20	<0.01	<10	<10	25	<10	55	<1		
K974117		<20	<0.01	<10	<10	24	<10	59	<1		
K974118		<20	<0.01	<10	<10	22	<10	49	<1		
K974119		<20	0.05	<10	<10	306	20	7530	29		
K974120		<20	<0.01	<10	<10	21	<10	57	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11194142

Project: Klaza DDH- 44

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11194142

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828859		9.10	0.033	0.5	0.79	16	<10	940	0.9	<2	2.53	7.1	4	5	18	3.01
L828860		3.49	1.070	20.8	0.37	2470	<10	20	0.5	8	2.86	93.6	4	2	246	5.12
L828861		3.37	0.043	0.8	0.52	213	<10	500	0.9	<2	2.63	0.7	5	6	82	2.52
L828862		4.13	1.125	14.7	0.45	3290	<10	30	0.8	15	2.18	40.9	7	3	191	4.67
L828863		2.36	<0.005	0.2	0.06	8	<10	20	<0.5	<2	18.5	<0.5	1	2	1	0.45
L828864		8.95	<0.005	0.3	1.15	14	<10	390	0.6	<2	1.69	<0.5	9	5	15	2.52
L828865		10.17	<0.005	0.2	1.05	6	<10	270	0.6	<2	1.52	<0.5	5	6	10	2.59
L828866		8.06	0.009	0.4	0.67	29	<10	190	0.8	<2	2.21	5.9	5	4	12	2.85
L828867		5.32	0.897	6.5	0.44	2060	<10	20	<0.5	8	1.61	47.6	8	4	95	4.88
L828868		4.35	0.041	0.6	0.58	253	<10	290	0.8	2	2.15	4.1	7	4	18	2.91
L828869		1.98	0.046	0.6	0.69	313	<10	330	0.9	3	2.21	4.2	7	5	18	2.89
L828870		7.69	0.685	12.5	0.42	2090	<10	20	<0.5	6	1.65	42.0	6	2	81	4.94
L828871		5.70	0.159	3.9	0.44	294	<10	60	0.6	3	1.69	12.3	6	3	31	4.76
L828872		2.35	<0.005	<0.2	0.09	6	<10	70	<0.5	2	18.0	<0.5	5	3	5	0.47
L828873		4.42	0.022	0.7	0.55	56	<10	240	0.8	<2	1.90	1.9	9	3	17	3.15
L828874		3.43	0.189	7.2	0.60	38	<10	70	0.5	6	1.89	218	6	3	341	3.22
L828875		10.15	<0.005	0.2	1.11	5	<10	640	0.6	<2	1.89	0.6	8	6	7	2.84
L828876		10.18	<0.005	<0.2	1.25	3	<10	670	0.5	<2	1.50	0.7	8	7	8	2.89
L828877		6.43	0.013	0.6	0.68	24	<10	90	0.8	<2	1.75	4.5	8	3	33	3.50
L828878		5.53	0.011	0.8	0.57	42	<10	230	1.0	2	1.66	2.8	8	2	15	2.58
L828879		7.22	0.006	0.3	0.72	19	<10	1220	0.8	<2	1.40	<0.5	6	4	12	2.38
L828880		12.63	<0.005	0.2	0.62	5	<10	750	0.8	<2	2.68	<0.5	5	2	6	1.96
L828881		0.16	1.490	31.0	4.72	146	<10	40	<0.5	26	4.49	31.1	86	57	7020	8.28
L828882		11.57	<0.005	0.5	0.69	7	<10	1550	0.8	<2	2.57	<0.5	5	2	28	1.92
L828883		11.84	<0.005	0.3	0.61	10	<10	1060	0.8	2	1.60	<0.5	6	3	10	2.15
L828884		7.13	8.59	47.4	0.41	5110	<10	10	<0.5	39	1.42	386	6	3	869	8.24
L828885		6.04	0.084	1.1	0.62	46	<10	720	0.8	2	2.29	4.2	7	4	28	2.61
L828886		5.57	4.77	>100	0.60	3230	<10	20	0.7	53	0.98	204	10	4	1230	5.30
L828887		11.14	0.061	3.6	0.52	206	<10	100	0.7	3	1.92	3.8	7	3	12	4.20
L828888		6.74	0.040	1.9	0.58	124	<10	20	0.6	2	1.05	4.7	11	4	9	7.99
L828889		5.42	2.76	60.0	0.40	828	<10	10	<0.5	71	0.45	45.1	37	8	302	12.10
L828890		7.51	<0.005	0.3	0.56	11	<10	510	0.9	<2	3.18	<0.5	7	3	5	2.21
L828891		0.18	1.525	34.8	4.67	144	<10	40	<0.5	47	4.41	30.6	83	55	6960	8.17
L828892		12.16	0.013	0.4	0.53	14	<10	650	0.8	2	3.23	<0.5	7	3	23	2.26
L828893		5.76	<0.005	0.2	0.56	10	<10	700	0.8	<2	2.88	<0.5	8	3	8	2.26
L828894		6.52	0.011	0.7	0.51	22	<10	50	0.6	3	2.12	1.5	9	3	7	3.05

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VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11194142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828859		<10	1	0.30	20	0.79	936	<1	0.02	<1	510	68	0.34	2	6	127
L828860		<10	1	0.30	10	0.91	2070	1	0.01	1	470	4520	4.84	28	2	58
L828861		<10	1	0.31	20	0.80	1200	1	0.01	3	520	24	0.43	11	6	90
L828862		<10	1	0.29	10	0.68	2010	3	0.01	2	500	534	2.95	38	5	77
L828863		<10	1	0.04	<10	11.50	212	<1	0.01	5	160	2	<0.01	<2	<1	44
L828864		<10	1	0.19	20	0.68	539	1	0.02	2	570	11	0.38	<2	5	80
L828865		<10	1	0.17	20	0.61	569	1	0.03	2	570	12	0.10	<2	6	76
L828866		<10	1	0.26	20	0.68	955	<1	0.01	2	540	103	0.30	2	7	89
L828867		<10	<1	0.32	10	0.50	2700	2	0.01	3	450	692	4.11	16	2	38
L828868		<10	<1	0.32	20	0.62	1880	1	0.01	2	520	142	0.93	5	6	78
L828869		<10	<1	0.35	20	0.63	1960	1	0.01	1	540	152	0.80	6	6	82
L828870		<10	1	0.29	10	0.55	6180	15	0.01	1	380	929	3.49	50	2	43
L828871		<10	<1	0.31	10	0.60	3830	10	0.01	1	500	226	2.34	14	4	49
L828872		<10	1	0.05	<10	11.35	216	<1	0.01	5	200	5	0.04	<2	<1	49
L828873		<10	<1	0.25	20	0.65	2410	1	0.01	2	510	74	0.58	7	7	81
L828874		<10	1	0.18	10	0.66	1780	<1	0.01	2	480	237	1.43	11	6	69
L828875		<10	1	0.21	20	0.64	720	1	0.04	2	560	27	0.43	4	7	104
L828876		<10	1	0.17	20	0.70	575	1	0.05	2	600	17	0.44	<2	6	108
L828877		<10	<1	0.34	20	0.57	1540	<1	0.01	1	550	74	1.49	5	5	99
L828878		<10	1	0.31	20	0.66	901	3	0.01	2	540	191	0.81	2	5	123
L828879		<10	<1	0.30	10	0.60	687	2	0.02	4	810	26	0.14	2	3	143
L828880		<10	<1	0.29	20	0.68	501	1	0.02	3	880	22	0.04	<2	3	202
L828881		10	1	0.23	<10	1.14	602	47	0.34	301	660	8110	7.14	26	4	73
L828882		<10	<1	0.32	20	0.69	460	2	0.03	3	860	32	0.07	3	3	210
L828883		<10	<1	0.30	10	0.66	562	3	0.02	3	770	27	0.08	<2	3	168
L828884		<10	1	0.18	<10	0.50	1170	26	0.01	1	230	1720	>10.0	150	1	55
L828885		<10	<1	0.29	10	0.93	652	1	0.02	5	1010	47	0.18	6	4	203
L828886		<10	1	0.27	10	0.52	1520	2	0.02	3	440	>10000	4.81	284	2	94
L828887		<10	<1	0.35	20	0.76	1500	2	0.01	1	560	319	1.58	5	4	103
L828888		<10	<1	0.40	10	0.64	2240	2	0.01	<1	490	252	4.70	2	3	45
L828889		<10	<1	0.26	<10	0.19	1150	4	0.01	<1	260	555	>10.0	44	1	24
L828890		<10	<1	0.31	10	0.96	760	1	0.02	2	590	19	0.10	2	4	252
L828891		10	<1	0.23	<10	1.13	594	45	0.33	298	640	7990	7.03	26	4	72
L828892		<10	<1	0.28	10	0.98	626	2	0.02	3	580	28	0.18	2	4	257
L828893		<10	<1	0.29	10	0.91	867	3	0.02	2	440	20	0.19	4	4	216
L828894		<10	<1	0.30	10	0.57	819	1	0.01	2	520	55	2.26	3	4	104

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VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 44

CERTIFICATE OF ANALYSIS WH11194142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L828859		<20	<0.01	<10	<10	24	<10	453	<1		
L828860		<20	<0.01	<10	<10	6	<10	6950	20		
L828861		<20	<0.01	<10	<10	21	<10	60	1		
L828862		<20	<0.01	<10	<10	13	<10	2710	13		
L828863		<20	<0.01	<10	10	<1	<10	16	<1		
L828864		<20	<0.01	<10	<10	32	<10	41	<1		
L828865		<20	0.01	<10	<10	35	<10	42	<1		
L828866		<20	<0.01	<10	<10	28	<10	411	1		
L828867		<20	<0.01	<10	<10	7	<10	3290	6		
L828868		<20	<0.01	<10	<10	19	<10	323	<1		
L828869		<20	<0.01	<10	<10	23	<10	338	<1		
L828870		<20	<0.01	<10	10	7	<10	3060	12		
L828871		<20	<0.01	<10	<10	10	<10	945	3		
L828872		<20	<0.01	<10	<10	3	<10	25	<1		
L828873		<20	<0.01	<10	<10	22	<10	155	<1		
L828874		<20	<0.01	<10	<10	24	<10	>10000	6		1.475
L828875		<20	<0.01	<10	<10	33	<10	81	<1		
L828876		<20	0.02	<10	<10	40	<10	74	1		
L828877		<20	<0.01	<10	<10	17	<10	361	<1		
L828878		<20	<0.01	<10	<10	12	<10	233	<1		
L828879		<20	<0.01	<10	<10	20	<10	117	<1		
L828880		<20	<0.01	<10	<10	17	<10	104	<1		
L828881		<20	0.06	<10	10	315	<10	7500	30		
L828882		<20	<0.01	<10	<10	17	<10	142	<1		
L828883		<20	<0.01	<10	<10	15	<10	92	<1		
L828884		<20	<0.01	<10	<10	7	10	>10000	47		2.81
L828885		<20	<0.01	<10	<10	24	<10	345	<1		
L828886		<20	<0.01	<10	<10	10	10	>10000	226	1.045	1.485
L828887		<20	<0.01	<10	<10	13	<10	351	2		
L828888		<20	<0.01	<10	<10	12	<10	408	1		
L828889		<20	<0.01	<10	<10	8	<10	3020	57		
L828890		<20	<0.01	<10	<10	24	<10	51	<1		
L828891		<20	0.06	<10	10	311	<10	7400	30		
L828892		<20	<0.01	<10	<10	27	<10	71	<1		
L828893		<20	<0.01	<10	10	29	<10	51	<1		
L828894		<20	<0.01	<10	<10	14	<10	123	1		

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VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11194143

Project: Klaza DDH- 60

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11194143

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976183		14.64	0.005	0.7	0.57	14	<10	450	<0.5	<2	2.24	7.6	8	6	5	1.55
K976184		11.07	<0.005	0.6	0.56	12	<10	450	<0.5	<2	2.58	4.4	7	6	3	1.38
K976185		6.19	<0.005	0.5	0.64	9	<10	360	<0.5	<2	2.43	1.2	12	9	2	2.22
K976186		4.18	0.007	2.5	0.43	9	<10	450	<0.5	<2	0.85	5.2	10	6	14	1.78
K976187		1.99	<0.005	<0.2	0.05	4	<10	<10	<0.5	<2	16.9	<0.5	1	1	4	0.42
K976188		10.68	<0.005	0.2	0.69	9	<10	310	<0.5	<2	1.98	0.9	5	7	6	2.50
K976189		8.59	0.017	0.9	0.54	13	<10	360	0.5	<2	2.55	5.4	4	4	9	2.17
K976190		11.09	<0.005	0.3	0.79	8	<10	270	<0.5	<2	1.54	<0.5	3	7	5	2.27
K976191		6.00	<0.005	0.4	0.77	13	<10	290	0.5	<2	1.76	3.6	9	5	17	2.56
K976192		3.43	<0.005	0.2	0.87	10	<10	310	<0.5	<2	1.89	2.3	8	7	10	2.44
K976193		9.73	<0.005	0.8	0.79	7	<10	350	<0.5	<2	1.46	2.4	3	7	4	2.23
K976194		10.30	0.031	0.9	0.63	27	<10	470	0.5	<2	1.84	7.8	3	5	6	2.64
K976195		11.12	<0.005	<0.2	0.76	8	<10	450	0.5	<2	1.62	1.1	4	7	3	2.38
K976196		3.03	0.020	2.3	0.61	21	<10	410	0.5	<2	2.00	12.4	4	5	10	2.85
K976197		5.82	<0.005	<0.2	0.84	7	<10	280	<0.5	<2	1.36	0.6	3	8	2	2.35
K976198		9.58	0.015	0.6	0.71	14	<10	400	0.5	<2	1.56	5.8	3	5	6	2.23
K976199		6.05	<0.005	<0.2	0.66	8	<10	820	0.5	<2	1.23	<0.5	4	4	2	2.34
K976200		0.15	3.32	>100	0.16	>10000	<10	<10	<0.5	<2	0.39	294	1	6	1390	12.00
K976201		3.86	0.006	1.8	0.63	216	<10	520	0.5	<2	1.53	16.0	5	5	14	3.25
K976202		1.97	0.013	1.3	0.49	27	<10	380	<0.5	<2	1.72	16.4	4	5	7	1.94
K976203		5.41	0.021	3.8	0.47	29	<10	160	<0.5	<2	1.83	45.2	2	4	33	2.84
K976204		4.73	0.093	2.4	0.44	116	<10	20	<0.5	<2	1.93	22.1	11	3	22	5.13
K976205		8.52	0.025	2.0	0.58	29	<10	110	<0.5	<2	2.52	26.8	5	3	16	3.86
K976206		7.81	0.053	1.3	0.64	43	<10	280	<0.5	<2	2.56	13.7	1	3	10	2.72
K976207		4.03	0.221	9.5	0.56	246	<10	50	0.5	4	2.12	81.9	5	4	91	4.20
K976208		10.78	<0.005	0.4	0.92	20	<10	450	<0.5	<2	2.04	3.9	4	7	5	2.61
K976209		0.09	1.510	31.6	4.45	142	<10	20	<0.5	12	4.44	30.6	80	54	6680	7.99
K976210		11.62	0.007	0.6	1.04	16	<10	390	<0.5	<2	1.60	3.9	5	9	36	2.84
K976211		9.34	0.104	2.7	1.49	86	<10	150	0.8	<2	2.30	25.4	6	30	41	4.03
K976212		12.61	0.007	0.2	0.61	8	<10	320	1.0	<2	0.60	1.2	<1	4	3	0.70
K976213		13.26	<0.005	0.2	0.50	4	<10	350	0.9	<2	0.90	<0.5	<1	2	3	0.43
K976214		5.28	4.45	6.3	0.39	2450	<10	20	0.8	2	2.03	175.0	4	3	135	2.88
K976215		4.39	<0.005	<0.2	0.07	17	<10	170	<0.5	<2	18.1	<0.5	1	1	3	0.38
K976216		9.24	0.178	2.4	0.62	44	<10	440	0.9	2	1.64	33.0	6	5	35	2.70
K976217		12.52	<0.005	<0.2	0.64	18	<10	440	0.7	<2	2.47	<0.5	6	5	7	2.39
K976218		6.65	0.021	0.5	0.66	15	<10	400	<0.5	<2	1.89	4.0	5	7	7	2.47

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11194143

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976183		<10	<1	0.36	10	0.36	1165	13	0.02	2	490	262	0.22	<2	2	62
K976184		<10	<1	0.32	10	0.20	1100	6	0.02	2	570	112	0.18	<2	2	69
K976185		<10	<1	0.40	10	0.29	1415	8	0.02	3	550	76	0.22	<2	2	56
K976186		<10	<1	0.25	10	0.09	825	5	0.02	7	350	719	0.24	2	1	23
K976187		<10	<1	0.03	<10	10.50	192	<1	0.03	4	160	5	0.02	<2	<1	44
K976188		<10	<1	0.24	20	0.52	880	2	0.06	6	530	48	0.14	<2	4	86
K976189		<10	<1	0.29	20	0.45	1050	2	0.04	4	490	571	0.20	<2	5	94
K976190		<10	<1	0.20	20	0.50	528	2	0.09	4	520	28	0.05	2	5	70
K976191		<10	<1	0.24	10	0.34	816	2	0.06	3	500	37	0.33	4	5	62
K976192		<10	<1	0.27	20	0.37	786	2	0.07	3	500	19	0.21	<2	4	70
K976193		<10	<1	0.18	20	0.56	459	2	0.09	3	490	295	0.13	<2	5	64
K976194		<10	<1	0.31	20	0.53	1385	2	0.02	1	510	385	0.30	<2	5	48
K976195		<10	<1	0.19	20	0.52	647	1	0.06	2	550	35	0.06	<2	6	68
K976196		<10	<1	0.24	20	0.52	1250	2	0.05	2	520	1080	0.42	3	6	65
K976197		<10	<1	0.16	20	0.62	430	1	0.09	2	520	31	0.04	<2	6	61
K976198		<10	<1	0.26	20	0.34	794	2	0.03	2	520	241	0.17	<2	5	46
K976199		<10	<1	0.21	20	0.34	874	2	0.03	2	570	13	0.12	4	7	28
K976200		<10	1	0.07	<10	0.16	1330	<1	0.03	9	120	>10000	>10.0	517	1	18
K976201		<10	<1	0.32	20	0.54	1495	1	0.02	2	490	551	0.42	<2	4	38
K976202		<10	<1	0.27	20	0.42	1250	2	0.02	2	280	577	0.34	<2	2	36
K976203		<10	1	0.33	20	0.61	2070	4	0.02	2	490	1550	0.63	2	3	40
K976204		<10	1	0.32	10	0.61	2100	1	0.02	1	370	860	2.70	2	2	33
K976205		<10	1	0.34	20	0.76	1765	1	0.02	2	460	775	1.40	3	3	69
K976206		<10	<1	0.34	20	0.67	1350	6	0.03	1	480	412	0.44	3	4	77
K976207		<10	<1	0.39	10	0.76	1815	2	0.03	4	460	2800	2.69	10	4	56
K976208		<10	1	0.25	20	0.64	750	2	0.07	2	550	56	0.14	<2	6	83
K976209		<10	1	0.23	<10	1.08	598	39	0.34	300	640	7540	6.75	29	4	75
K976210		<10	<1	0.22	20	0.71	751	2	0.07	5	520	171	0.14	<2	5	67
K976211		<10	<1	0.32	20	0.99	1160	5	0.08	5	820	657	1.11	4	9	110
K976212		<10	<1	0.24	<10	0.18	535	1	0.02	1	20	75	0.08	3	2	47
K976213		<10	<1	0.21	<10	0.15	492	1	0.01	2	20	34	0.05	<2	2	33
K976214		<10	2	0.21	<10	0.18	849	30	0.02	2	130	535	2.87	22	2	45
K976215		<10	1	0.03	<10	11.20	180	<1	0.02	2	270	5	0.03	<2	<1	59
K976216		<10	<1	0.29	20	0.62	1135	1	0.02	2	480	847	0.45	3	7	49
K976217		<10	<1	0.22	20	0.65	598	1	0.05	1	530	30	0.08	<2	8	104
K976218		<10	<1	0.22	20	0.65	730	1	0.07	1	500	204	0.18	<2	5	81

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11194143

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K976183		20	<0.01	<10	<10	9	<10	555	<1		
K976184		<20	<0.01	<10	<10	9	<10	398	<1		
K976185		<20	<0.01	<10	<10	11	<10	198	<1		
K976186		<20	<0.01	<10	<10	7	<10	597	2		
K976187		<20	<0.01	<10	<10	1	<10	22	<1		
K976188		<20	0.01	<10	<10	29	<10	131	<1		
K976189		<20	<0.01	<10	<10	21	<10	438	<1		
K976190		<20	0.02	<10	<10	38	<10	54	<1		
K976191		<20	0.01	<10	<10	28	<10	369	<1		
K976192		<20	0.02	<10	<10	30	<10	232	<1		
K976193		<20	0.02	<10	<10	38	<10	219	1		
K976194		<20	<0.01	<10	<10	23	<10	676	<1		
K976195		<20	0.02	<10	<10	39	<10	123	<1		
K976196		<20	<0.01	<10	<10	31	<10	1010	<1		
K976197		<20	0.02	<10	<10	43	<10	82	<1		
K976198		<20	<0.01	<10	<10	25	<10	447	<1		
K976199		<20	<0.01	<10	<10	30	<10	75	<1		
K976200		<20	<0.01	<10	<10	7	140	>10000	429	3.13	3.53
K976201		<20	<0.01	<10	<10	20	<10	1290	1		
K976202		<20	<0.01	<10	<10	17	<10	1140	<1		
K976203		<20	<0.01	<10	<10	16	<10	3120	2		
K976204		<20	<0.01	<10	10	13	<10	1630	1		
K976205		<20	<0.01	<10	<10	19	<10	1900	<1		
K976206		<20	<0.01	<10	<10	24	<10	994	<1		
K976207		<20	<0.01	<10	<10	13	<10	5130	9		
K976208		<20	0.01	<10	<10	38	<10	313	3		
K976209		<20	0.05	<10	<10	307	<10	7330	30		
K976210		<20	0.02	<10	<10	42	<10	343	<1		
K976211		<20	0.01	<10	<10	58	<10	1820	1		
K976212		20	<0.01	<10	<10	1	<10	98	<1		
K976213		20	<0.01	<10	10	3	<10	42	<1		
K976214		<20	<0.01	<10	20	6	<10	>10000	6		1.265
K976215		<20	<0.01	<10	<10	1	<10	73	<1		
K976216		<20	<0.01	<10	<10	25	<10	2280	2		
K976217		<20	<0.01	<10	<10	31	<10	58	<1		
K976218		<20	0.01	<10	<10	31	<10	330	<1		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11195756

Project: Klaza DDH 60

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11195756

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976219		9.87	<0.005	<0.2	0.55	18	<10	420	<0.5	<2	1.68	<0.5	6	7	7	2.41
K976220		8.62	0.132	1.2	0.36	21	<10	470	0.6	<2	2.33	8.1	8	7	16	2.48
K976221		12.27	0.007	<0.2	0.73	18	<10	340	<0.5	<2	1.69	<0.5	6	9	5	2.37
K976222		5.63	0.007	0.3	0.33	22	<10	640	<0.5	<2	2.97	0.8	7	7	5	1.94
K976223		3.07	<0.005	<0.2	0.04	<2	<10	50	<0.5	<2	18.8	<0.5	2	<1	2	0.39
K976224		7.08	0.017	0.9	0.34	14	<10	410	0.5	<2	2.44	10.5	5	5	18	2.14
K976225		8.55	<0.005	<0.2	0.47	7	<10	670	0.5	<2	2.83	<0.5	8	5	7	1.89
K976226		6.05	0.011	0.4	0.91	25	<10	320	0.6	<2	1.13	2.6	6	6	5	2.78
K976227		4.49	4.50	86.0	0.24	1285	<10	20	<0.5	134	2.82	541	4	4	847	5.55
K976228		8.92	0.043	1.0	0.64	32	<10	390	0.7	2	1.91	12.0	6	5	13	2.87
K976229		7.47	0.012	0.9	0.34	30	<10	480	0.8	<2	2.51	8.6	4	5	6	2.51
K976230		4.65	2.77	17.2	0.25	1050	<10	30	0.5	10	0.94	533	7	3	336	5.46
K976231		5.85	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	20.5	0.9	<1	<1	4	0.43
K976232		4.45	0.028	3.0	0.28	33	<10	90	0.6	<2	2.03	45.5	8	4	23	2.70
K976233		7.03	0.085	2.3	0.29	39	<10	390	0.6	<2	1.90	32.4	8	4	23	3.86
K976234		10.70	0.006	0.3	0.49	8	<10	650	0.6	<2	1.95	2.3	8	7	9	2.21
K976235		3.56	<0.005	<0.2	0.84	3	<10	110	0.6	<2	2.01	<0.5	4	6	7	2.68
K976236		10.66	0.009	0.4	0.84	4	<10	250	<0.5	<2	1.64	3.1	6	9	6	2.81
K976237		12.75	<0.005	<0.2	0.91	5	<10	390	<0.5	<2	1.63	<0.5	6	10	4	2.39
K976238		0.06	3.32	>100	0.19	>10000	<10	10	<0.5	<2	0.43	348	3	10	1670	14.3
K976239		10.21	0.010	0.3	0.97	9	<10	340	<0.5	<2	1.47	0.6	6	9	5	2.52
K976240		4.98	0.011	1.2	0.96	14	<10	320	<0.5	<2	1.90	16.3	5	7	14	2.96
K976241		3.79	0.419	8.3	0.45	100	<10	100	0.5	3	3.09	50.4	4	4	63	3.48
K976242		8.51	0.110	0.3	0.63	22	<10	240	0.6	<2	2.29	1.1	5	5	4	2.62
K976243		9.69	<0.005	<0.2	0.99	5	<10	300	<0.5	<2	1.57	<0.5	5	10	3	2.73
K976244		5.39	0.006	0.4	0.93	11	<10	650	<0.5	<2	2.02	1.1	21	13	6	1.91
K976245		2.67	0.005	0.4	0.94	7	<10	550	<0.5	<2	1.90	1.2	16	12	8	1.90
K976246		10.92	<0.005	<0.2	1.01	4	<10	370	<0.5	<2	1.52	<0.5	7	10	3	2.62
K976247		4.66	0.018	1.2	1.13	13	<10	360	0.5	<2	1.86	23.2	5	8	19	3.28
K976248		11.36	<0.005	<0.2	1.06	17	<10	370	<0.5	<2	1.50	<0.5	4	9	3	2.83
K976249		4.40	0.020	0.4	1.11	8	<10	380	<0.5	<2	2.16	15.2	7	9	13	2.93
K976250		7.27	<0.005	<0.2	1.05	5	<10	270	<0.5	<2	1.47	0.5	6	10	5	2.86
K976251		8.66	0.005	<0.2	0.90	6	<10	430	<0.5	<2	1.91	0.6	7	9	5	2.72
K976252		0.12	1.505	33.5	5.24	156	<10	40	<0.5	11	4.92	34.3	93	61	7640	8.98
K976253		3.93	0.014	0.9	0.55	16	<10	230	0.6	<2	1.89	12.8	5	7	21	4.25
K976254		2.12	2.45	17.3	0.28	496	<10	10	0.5	7	2.02	194.5	5	4	348	5.78

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11195756

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976219		<10	<1	0.15	20	0.59	543	1	0.05	2	550	9	0.09	<2	7	81
K976220		<10	1	0.21	20	0.68	936	1	0.03	<1	510	473	0.33	<2	5	87
K976221		<10	<1	0.13	20	0.63	580	1	0.05	2	530	10	0.13	<2	5	72
K976222		<10	1	0.23	10	0.81	996	2	0.02	1	520	26	0.32	<2	3	116
K976223		<10	<1	0.03	<10	11.90	176	<1	0.01	2	240	2	0.03	<2	<1	58
K976224		<10	<1	0.22	10	0.63	1175	2	0.02	2	520	257	0.31	2	4	80
K976225		<10	1	0.23	20	0.64	663	2	0.03	2	570	8	0.12	<2	5	119
K976226		<10	<1	0.18	30	0.64	622	<1	0.01	1	630	111	0.36	<2	6	38
K976227		<10	1	0.22	<10	0.61	3610	6	0.01	<1	360	3900	4.45	107	2	43
K976228		<10	1	0.24	20	0.64	1240	1	0.02	1	600	287	0.31	3	6	64
K976229		<10	<1	0.26	20	0.72	1505	1	0.01	1	580	455	0.36	<2	4	75
K976230		<10	2	0.20	10	0.48	2810	2	0.01	<1	480	4790	3.57	18	2	21
K976231		<10	<1	0.03	<10	12.75	204	<1	0.01	<1	270	14	0.03	<2	<1	59
K976232		<10	<1	0.21	10	0.68	1610	2	0.01	2	460	1795	0.63	<2	3	42
K976233		<10	<1	0.24	20	0.75	1945	2	0.01	1	550	1015	0.69	<2	4	49
K976234		<10	<1	0.19	20	0.50	594	2	0.03	1	560	111	0.23	<2	4	80
K976235		<10	<1	0.11	30	0.37	383	1	0.02	1	640	14	0.03	<2	8	67
K976236		<10	<1	0.16	20	0.62	685	2	0.04	2	590	229	0.13	<2	5	56
K976237		<10	<1	0.14	20	0.67	410	5	0.05	2	610	11	0.10	<2	5	56
K976238		<10	1	0.08	<10	0.18	1550	1	0.01	8	150	>10000	>10.0	567	1	22
K976239		<10	<1	0.14	20	0.67	428	1	0.06	3	570	35	0.14	<2	5	43
K976240		<10	<1	0.15	20	0.71	668	2	0.04	1	620	362	0.21	2	6	67
K976241		<10	<1	0.23	10	0.62	1655	7	0.02	<1	560	3130	1.36	4	4	82
K976242		<10	<1	0.20	20	0.64	784	5	0.02	1	650	82	0.22	<2	6	75
K976243		<10	<1	0.12	20	0.66	436	1	0.05	1	610	12	0.07	<2	5	50
K976244		<10	<1	0.17	20	0.60	474	3	0.04	2	530	150	0.33	<2	4	64
K976245		10	<1	0.16	20	0.62	457	4	0.04	2	540	115	0.30	<2	4	61
K976246		<10	<1	0.12	20	0.67	391	2	0.04	1	630	10	0.09	<2	4	48
K976247		<10	<1	0.17	20	0.72	882	1	0.03	1	630	448	0.30	<2	5	49
K976248		10	<1	0.10	20	0.78	395	1	0.05	1	630	14	0.05	<2	5	45
K976249		<10	<1	0.16	20	0.68	740	1	0.04	1	610	93	0.28	<2	5	67
K976250		10	<1	0.12	20	0.73	526	2	0.05	1	640	40	0.07	<2	5	53
K976251		<10	<1	0.17	20	0.65	602	1	0.05	1	600	48	0.20	<2	5	64
K976252		10	1	0.24	<10	1.20	681	54	0.34	330	730	9130	7.80	23	5	82
K976253		<10	<1	0.26	20	0.65	1815	1	0.02	1	550	550	0.47	2	5	86
K976254		<10	<1	0.24	10	0.60	3900	2	0.01	1	470	2710	5.49	11	3	53

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VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11195756

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K976219		20	0.01	<10	<10	32	<10	36	<1		
K976220		<20	<0.01	<10	<10	22	<10	610	1		
K976221		<20	0.02	<10	<10	35	<10	37	1		
K976222		<20	<0.01	<10	<10	18	<10	92	<1		
K976223		<20	<0.01	<10	<10	2	<10	14	<1		
K976224		<20	<0.01	<10	<10	17	<10	782	<1		
K976225		<20	<0.01	<10	<10	18	<10	63	<1		
K976226		<20	<0.01	<10	<10	31	<10	232	<1		
K976227		<20	<0.01	<10	<10	5	10	>10000	84		3.51
K976228		<20	<0.01	<10	<10	24	<10	884	<1		
K976229		<20	<0.01	<10	<10	12	<10	635	<1		
K976230		<20	<0.01	<10	<10	6	10	>10000	16		3.03
K976231		<20	<0.01	<10	<10	1	<10	80	<1		
K976232		<20	<0.01	<10	<10	9	<10	3020	2		
K976233		<20	<0.01	<10	<10	13	<10	2190	1		
K976234		<20	<0.01	<10	<10	26	<10	187	<1		
K976235		20	0.01	<10	<10	39	<10	36	<1		
K976236		<20	0.02	<10	<10	42	<10	255	<1		
K976237		<20	0.05	<10	<10	44	<10	41	<1		
K976238		<20	<0.01	<10	<10	8	160	>10000	417	3.04	3.55
K976239		<20	0.05	<10	<10	45	<10	91	<1		
K976240		<20	0.01	<10	<10	42	<10	1115	1		
K976241		<20	<0.01	<10	<10	18	<10	3250	7		
K976242		<20	<0.01	<10	<10	30	<10	127	1		
K976243		<20	0.05	<10	<10	49	<10	42	1		
K976244		<20	<0.01	<10	<10	36	<10	117	1		
K976245		<20	<0.01	<10	<10	36	<10	122	1		
K976246		<20	0.05	<10	<10	49	<10	40	<1		
K976247		<20	0.01	<10	<10	41	<10	1560	1		
K976248		<20	0.06	<10	<10	52	<10	50	<1		
K976249		20	0.03	<10	<10	43	<10	1080	<1		
K976250		<20	0.07	<10	<10	53	<10	72	1		
K976251		<20	0.02	<10	<10	43	<10	92	<1		
K976252		<20	0.06	<10	<10	344	<10	7910	32		
K976253		<20	<0.01	<10	<10	23	<10	1055	2		
K976254		<20	<0.01	<10	<10	8	<10	>10000	16		1.325

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11195757

Project: Klaza DDH 61

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11195757

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976071		4.93	1.095	39.2	0.52	201	<10	70	0.6	7	1.79	28.5	6	4	148	3.47
K976072		9.11	0.075	17.7	0.54	97	<10	310	0.6	25	2.54	9.5	5	4	23	2.64
K976073		5.20	0.098	0.4	0.52	73	<10	520	0.5	<2	3.95	3.3	4	4	3	2.97
K976074		11.16	0.007	1.0	0.65	54	<10	280	0.6	<2	2.10	9.5	5	5	11	3.22
K976075		0.17	2.80	>100	0.18	>10000	<10	10	<0.5	<2	0.40	319	3	9	1610	13.45
K976076		9.67	0.005	1.9	0.62	8	<10	820	0.7	2	1.83	1.3	5	6	6	2.84
K976077		4.09	0.275	7.9	0.52	83	<10	80	0.5	12	1.05	28.6	13	3	206	3.89
K976078		6.45	0.015	2.2	0.42	35	<10	100	<0.5	2	1.21	38.4	10	4	37	3.49
K976079		2.99	0.326	3.4	0.33	168	<10	110	<0.5	6	3.83	11.8	11	5	88	3.05
K976080		11.28	0.068	3.4	0.51	65	<10	170	<0.5	5	1.75	24.5	6	5	47	4.00
K976081		4.52	0.015	0.3	0.50	48	<10	360	0.5	<2	3.57	1.0	5	3	9	2.38
K976082		10.95	0.040	0.9	0.54	187	<10	40	0.6	<2	1.90	5.8	16	4	7	3.31
K976083		5.87	0.539	4.1	0.40	1575	<10	<10	<0.5	4	0.21	4.1	150	3	18	16.2
K976084		2.24	<0.005	<0.2	0.03	8	<10	10	<0.5	<2	19.5	<0.5	2	1	<1	0.47
K976085		6.43	0.050	2.2	0.42	158	<10	10	<0.5	<2	1.65	2.1	42	4	7	4.94
K976086		6.12	0.116	2.6	0.44	209	<10	20	0.5	<2	2.56	4.3	22	4	17	3.73
K976087		5.59	0.384	3.8	0.41	756	<10	30	<0.5	2	1.69	6.7	15	4	13	5.16
K976088		7.81	0.041	0.7	0.56	22	<10	160	0.5	<2	2.79	1.6	13	4	12	2.08
K976089		4.75	0.029	0.9	0.58	151	<10	200	0.6	<2	2.86	1.8	15	5	12	2.40
K976090		10.41	0.005	<0.2	0.76	8	<10	310	0.5	<2	3.50	0.7	19	4	7	1.82
K976091		10.79	0.019	0.5	0.60	308	<10	440	0.5	<2	3.29	3.3	10	4	43	2.40
K976092		8.69	0.916	44.9	0.44	1170	<10	20	0.5	4	2.65	45.8	10	4	386	5.35
K976093		9.45	0.017	1.0	0.61	152	<10	140	0.6	<2	2.15	1.0	11	4	20	2.54
K976094		3.52	0.304	8.4	0.47	232	<10	60	0.6	6	1.82	29.6	10	4	109	4.39
K976095		3.79	0.070	1.5	0.61	765	<10	70	0.6	<2	2.02	11.1	8	4	31	2.55
K976096		6.60	0.086	0.9	0.57	390	<10	100	0.7	<2	2.90	1.5	14	5	34	2.93
K976097		0.16	3.25	>100	0.18	>10000	<10	<10	<0.5	<2	0.40	321	4	10	1615	13.6
K976098		8.35	0.026	0.4	0.71	39	<10	640	0.7	<2	2.89	<0.5	11	4	22	2.29
K976099		6.07	0.007	0.2	1.22	19	<10	210	0.6	<2	2.00	<0.5	11	7	13	3.02
K976100		2.83	0.201	3.6	0.63	115	<10	70	0.8	6	1.89	1.2	9	5	12	4.00
K976101		11.42	0.006	0.4	0.58	9	<10	1510	0.7	<2	2.52	0.5	6	4	16	2.14
K976102		14.95	<0.005	0.6	0.55	7	<10	1920	0.6	<2	3.06	<0.5	5	2	8	1.75
K976103		2.02	<0.005	0.2	0.06	<2	<10	20	<0.5	<2	18.5	<0.5	3	1	1	0.47
K976104		13.25	<0.005	0.3	0.61	7	<10	1580	0.7	<2	3.08	0.6	5	2	1	1.75
K976105		13.56	<0.005	0.4	0.59	9	<10	2070	0.7	<2	3.35	0.6	5	2	2	1.83
K976106		7.74	<0.005	0.2	0.60	10	<10	1110	0.7	<2	1.78	<0.5	6	2	4	2.10

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CERTIFICATE OF ANALYSIS WH11195757

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976071		<10	1	0.29	20	0.56	2080	1	0.01	3	480	365	1.60	27	5	60
K976072		<10	<1	0.26	10	0.61	1860	<1	0.01	2	480	729	0.72	5	5	73
K976073		<10	<1	0.28	20	1.44	1870	1	0.02	2	420	78	0.44	2	5	100
K976074		<10	1	0.30	20	0.80	1395	<1	0.02	1	530	254	0.29	<2	5	76
K976075		<10	1	0.08	<10	0.17	1460	<1	0.01	13	140	>10000	>10.0	525	1	21
K976076		<10	<1	0.24	10	0.59	839	<1	0.01	1	510	41	0.15	3	7	76
K976077		<10	<1	0.30	10	0.48	1590	7	0.01	2	460	510	1.09	26	4	29
K976078		<10	<1	0.32	10	0.52	1890	12	0.01	2	500	596	0.79	4	2	22
K976079		<10	<1	0.25	<10	0.21	1150	11	0.01	2	230	295	2.22	19	1	89
K976080		<10	<1	0.28	20	0.76	2160	<1	0.01	2	500	299	0.90	6	5	55
K976081		<10	<1	0.25	20	1.17	1515	1	0.02	1	460	30	0.49	3	5	97
K976082		<10	<1	0.29	10	0.59	924	1	0.01	2	500	282	1.96	3	5	62
K976083		<10	<1	0.33	<10	0.06	254	4	<0.01	3	150	160	>10.0	6	1	7
K976084		<10	<1	0.02	<10	11.80	205	<1	0.02	2	180	4	0.07	<2	<1	49
K976085		<10	<1	0.34	<10	0.44	1540	1	0.01	2	540	180	4.87	2	2	27
K976086		<10	<1	0.33	10	0.77	3350	1	0.01	2	540	120	2.63	5	5	52
K976087		<10	<1	0.32	10	0.42	2100	1	0.01	2	460	754	4.76	6	2	38
K976088		<10	<1	0.22	20	0.83	740	<1	0.02	1	510	20	0.72	3	5	110
K976089		<10	<1	0.23	10	0.87	808	<1	0.01	1	520	32	0.91	2	6	115
K976090		<10	<1	0.17	30	0.52	595	<1	0.01	2	640	31	0.74	2	7	116
K976091		<10	<1	0.18	20	0.57	919	<1	0.01	1	560	71	0.59	7	7	105
K976092		<10	1	0.34	10	0.72	5680	1	0.02	2	480	2470	3.94	63	4	72
K976093		<10	<1	0.28	20	0.61	1320	1	0.01	2	570	52	0.76	4	6	73
K976094		<10	1	0.34	10	0.59	2860	<1	0.01	1	530	133	2.20	6	4	67
K976095		<10	<1	0.23	20	0.53	780	<1	0.02	2	600	203	0.54	4	7	74
K976096		<10	<1	0.30	10	0.79	1490	1	0.01	2	550	76	1.13	5	6	102
K976097		<10	2	0.08	<10	0.17	1460	<1	0.01	12	140	>10000	>10.0	535	1	20
K976098		<10	<1	0.23	20	0.77	642	1	0.03	<1	540	11	0.34	7	6	133
K976099		<10	<1	0.18	30	0.67	470	1	0.04	2	630	16	0.18	3	8	103
K976100		<10	<1	0.26	20	0.72	2220	5	0.01	2	550	174	0.69	4	8	82
K976101		<10	<1	0.28	10	0.70	594	2	0.02	5	880	18	0.08	3	4	222
K976102		<10	<1	0.31	20	0.68	506	2	0.02	2	830	22	0.09	3	3	318
K976103		<10	<1	0.03	<10	12.20	215	<1	0.02	2	200	2	0.02	<2	<1	54
K976104		<10	<1	0.32	20	0.74	474	1	0.02	1	820	21	0.07	<2	3	337
K976105		<10	<1	0.31	20	0.78	519	2	0.02	2	820	19	0.08	3	3	316
K976106		<10	<1	0.30	10	0.72	566	2	0.02	2	830	16	0.08	2	3	168

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 61

CERTIFICATE OF ANALYSIS WH11195757

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K976071		<20	<0.01	<10	<10	19	<10	2090	39		
K976072		<20	<0.01	<10	<10	16	<10	760	17		
K976073		<20	<0.01	<10	<10	18	<10	314	1		
K976074		<20	<0.01	<10	<10	24	<10	775	1		
K976075		<20	<0.01	<10	<10	8	150	>10000	418	3.07	3.57
K976076		<20	<0.01	<10	<10	29	<10	127	2		
K976077		<20	<0.01	<10	<10	15	<10	2140	8		
K976078		<20	<0.01	<10	<10	10	<10	2670	2		
K976079		<20	<0.01	<10	10	6	<10	802	3		
K976080		<20	<0.01	<10	<10	18	<10	1785	3		
K976081		<20	<0.01	<10	<10	17	<10	110	<1		
K976082		<20	<0.01	<10	<10	15	<10	485	1		
K976083		<20	<0.01	<10	<10	4	<10	420	4		
K976084		<20	<0.01	<10	<10	2	<10	18	<1		
K976085		<20	<0.01	<10	<10	7	<10	218	2		
K976086		<20	<0.01	<10	<10	9	<10	400	3		
K976087		<20	<0.01	<10	<10	7	<10	620	4		
K976088		<20	<0.01	<10	<10	19	<10	213	1		
K976089		<20	<0.01	<10	<10	21	<10	234	1		
K976090		20	<0.01	<10	<10	22	<10	85	<1		
K976091		<20	<0.01	<10	<10	25	<10	253	1		
K976092		<20	<0.01	<10	<10	9	<10	4220	43		
K976093		<20	<0.01	<10	<10	22	<10	109	1		
K976094		<20	<0.01	<10	<10	12	<10	2130	8		
K976095		<20	<0.01	<10	<10	28	<10	818	2		
K976096		<20	<0.01	<10	<10	18	<10	173	1		
K976097		<20	<0.01	<10	<10	8	150	>10000	411	3.09	3.61
K976098		<20	<0.01	<10	<10	21	<10	30	1		
K976099		20	<0.01	<10	<10	42	<10	41	<1		
K976100		<20	<0.01	<10	<10	24	<10	123	2		
K976101		<20	<0.01	<10	<10	19	<10	123	<1		
K976102		<20	<0.01	<10	<10	12	<10	86	<1		
K976103		<20	<0.01	<10	<10	2	<10	15	<1		
K976104		<20	<0.01	<10	<10	13	<10	108	<1		
K976105		<20	<0.01	<10	<10	14	<10	119	<1		
K976106		<20	<0.01	<10	<10	15	<10	87	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11195758

Project: Klaza DDH 44

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- 31	Pulverize split to 85% < 75 um
PUL- QC	Pulverizing QC Test
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11195758

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828895		11.49	0.064	3.8	1.31	7	<10	230	0.5	6	1.55	<0.5	6	14	27	3.27
L828896		11.60	0.030	2.0	0.62	30	<10	30	0.7	<2	2.82	4.6	8	8	44	3.66
L828897		11.49	0.008	0.4	1.10	6	<10	430	<0.5	<2	1.64	1.6	6	10	8	2.77
L828898		11.56	<0.005	<0.2	1.09	4	<10	250	<0.5	<2	1.18	<0.5	6	11	7	2.69
L828899		11.64	<0.005	<0.2	1.20	5	<10	230	<0.5	<2	1.10	<0.5	6	11	9	2.76
L828900		0.10	1.530	32.1	5.05	148	<10	40	<0.5	3	4.74	33.3	89	61	7450	8.68
L828901		12.08	<0.005	<0.2	1.22	5	<10	300	<0.5	<2	1.34	<0.5	7	12	13	2.87
L828902		12.04	0.005	<0.2	1.22	5	<10	290	<0.5	<2	1.56	<0.5	6	12	6	2.93
L828903		6.42	<0.005	<0.2	0.90	2	<10	60	<0.5	<2	1.89	<0.5	7	11	6	3.22
L828904		5.52	0.005	0.2	0.61	8	<10	70	0.6	<2	2.81	<0.5	7	9	9	2.53
L828905		5.40	<0.005	0.2	0.97	8	<10	270	<0.5	<2	1.15	<0.5	6	10	10	2.60
L828906		3.31	<0.005	0.2	0.52	7	<10	200	0.6	<2	1.65	<0.5	7	7	6	3.00
L828907		12.34	<0.005	0.2	0.94	7	<10	400	<0.5	<2	1.08	<0.5	6	10	6	2.67
L828908		10.62	0.005	0.2	0.57	9	<10	330	0.5	<2	2.10	<0.5	6	9	8	2.78
L828909		3.91	1.515	37.8	0.23	3300	<10	30	<0.5	39	1.32	192.0	4	11	596	6.10
L828910		6.07	0.008	0.4	0.37	20	<10	190	0.6	<2	1.72	0.6	5	8	13	2.45
L828911		1.91	0.014	0.5	0.05	30	<10	30	<0.5	<2	19.4	0.6	<1	1	6	0.39
L828912		9.01	0.008	0.2	0.49	14	<10	330	0.7	<2	1.88	<0.5	6	9	12	2.78
L828913		11.08	0.009	0.2	0.38	23	<10	260	0.7	<2	2.10	<0.5	6	9	9	2.57
L828914		11.75	<0.005	<0.2	0.98	5	<10	220	0.6	<2	1.55	<0.5	6	10	10	2.96
L828915		3.52	0.143	3.2	0.39	63	<10	190	0.7	2	2.27	8.1	5	8	16	3.11
L828916		1.64	0.005	0.3	0.08	2	<10	30	<0.5	<2	19.3	<0.5	<1	1	8	0.48
L828917		3.28	<0.005	0.2	0.61	7	<10	320	0.5	<2	2.12	<0.5	5	8	5	2.59
L828918		7.52	0.008	0.4	0.41	19	<10	250	0.7	<2	3.03	1.1	6	8	8	2.72
L828919		10.26	0.007	0.2	0.75	11	<10	300	0.5	<2	1.92	<0.5	5	10	8	2.62
L828920		6.04	0.016	0.4	0.36	38	<10	230	0.8	<2	2.69	<0.5	8	6	7	2.64
L828921		4.39	0.022	0.3	0.64	45	<10	210	0.7	<2	2.06	<0.5	5	9	10	2.79
L828922		2.18	0.012	0.3	0.61	44	<10	330	0.7	<2	2.15	<0.5	5	8	11	2.81
L828923		6.56	0.698	41.8	0.33	171	<10	40	0.6	7	3.17	111.5	4	7	212	3.96
L828924		4.22	0.008	0.5	0.59	22	<10	80	0.8	<2	2.38	1.2	6	8	13	2.75
L828925		8.32	<0.005	0.3	0.92	9	<10	250	<0.5	<2	1.40	<0.5	5	11	7	2.71
L828926		0.07	1.625	33.1	4.82	148	<10	40	<0.5	<2	4.71	31.9	83	58	7080	8.34
L828927		8.94	<0.005	0.2	0.98	10	<10	160	<0.5	<2	1.16	<0.5	5	10	28	2.65
L828928		11.88	0.084	0.6	0.90	958	<10	200	<0.5	<2	1.46	3.1	5	9	16	2.75
L828929		6.74	<0.005	0.2	1.03	8	<10	330	<0.5	<2	1.59	<0.5	7	11	13	2.84
L828930		3.32	0.150	1.8	0.46	154	<10	80	0.5	<2	2.78	1.2	5	9	11	3.01

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Finalized Date: 28- NOV- 2011
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Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11195758

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828895		10	<1	0.16	20	0.75	681	2	0.04	1	640	239	0.36	<2	5	101
L828896		<10	<1	0.22	10	0.76	861	1	0.02	1	610	45	2.88	3	4	166
L828897		<10	<1	0.12	20	0.73	553	1	0.04	1	610	55	0.49	<2	4	111
L828898		<10	<1	0.09	20	0.77	464	1	0.05	1	640	11	0.30	<2	4	76
L828899		<10	1	0.09	20	0.74	412	1	0.05	1	630	10	0.33	<2	3	78
L828900		10	1	0.24	<10	1.16	657	48	0.33	323	710	8800	7.48	22	4	79
L828901		<10	<1	0.10	20	0.87	518	1	0.05	2	630	18	0.75	<2	5	117
L828902		<10	<1	0.10	20	0.83	512	2	0.04	1	640	10	0.47	<2	5	318
L828903		<10	<1	0.15	10	0.69	691	3	0.04	1	590	9	1.78	<2	5	706
L828904		<10	<1	0.14	20	0.48	737	3	0.01	1	750	14	0.63	<2	8	115
L828905		<10	<1	0.09	20	0.62	394	2	0.05	3	600	13	0.27	2	4	77
L828906		<10	<1	0.13	10	0.46	681	1	0.01	2	580	13	0.80	<2	9	132
L828907		10	<1	0.10	20	0.74	487	1	0.04	1	580	13	0.60	<2	4	88
L828908		<10	<1	0.18	20	0.62	783	1	0.03	1	550	17	0.78	<2	6	109
L828909		<10	1	0.20	10	0.37	2150	6	<0.01	1	350	4970	6.62	25	2	41
L828910		<10	<1	0.17	10	0.52	652	4	<0.01	1	490	29	1.12	2	5	113
L828911		<10	<1	0.03	<10	11.95	192	<1	<0.01	<1	310	22	0.03	<2	<1	56
L828912		<10	1	0.14	10	0.58	789	3	0.01	1	560	11	0.71	2	8	146
L828913		<10	<1	0.18	10	0.66	755	4	0.01	1	490	12	0.79	2	7	127
L828914		<10	1	0.15	20	0.68	523	1	0.03	1	610	9	0.30	<2	7	110
L828915		<10	1	0.21	10	0.63	2230	2	0.01	1	530	150	0.98	4	6	109
L828916		<10	<1	0.02	<10	11.90	202	<1	0.01	<1	250	3	0.01	<2	<1	63
L828917		<10	<1	0.16	20	0.65	647	1	0.03	1	620	10	0.17	<2	7	116
L828918		<10	<1	0.19	20	0.88	870	4	0.02	1	550	43	0.72	<2	6	153
L828919		<10	<1	0.16	20	0.64	603	2	0.04	1	570	14	0.49	<2	7	107
L828920		<10	<1	0.20	20	0.71	1200	2	0.01	1	530	18	0.83	2	7	141
L828921		<10	<1	0.17	20	0.61	891	1	0.01	<1	540	15	0.51	3	7	116
L828922		<10	<1	0.18	20	0.61	885	1	0.01	1	530	10	0.53	3	7	124
L828923		<10	<1	0.19	10	0.94	5480	4	0.01	<1	420	2260	1.90	41	5	121
L828924		<10	<1	0.18	20	0.59	1050	5	0.01	1	560	36	0.87	4	7	133
L828925		<10	<1	0.12	20	0.70	480	2	0.05	1	570	26	0.43	<2	5	67
L828926		10	1	0.23	<10	1.16	633	46	0.32	309	680	8270	7.17	27	4	76
L828927		<10	<1	0.11	20	0.66	415	5	0.05	2	570	24	0.38	<2	4	58
L828928		<10	1	0.13	20	0.63	528	1	0.05	1	570	86	0.36	<2	5	68
L828929		<10	<1	0.12	20	0.68	489	1	0.05	1	590	12	0.72	<2	6	107
L828930		<10	1	0.20	10	0.71	1785	2	0.01	1	510	117	1.57	8	5	119

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11195758

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L828895		<20	0.04	<10	<10	45	<10	64	5	
L828896		<20	<0.01	<10	<10	17	<10	358	2	
L828897		<20	0.06	<10	<10	47	<10	134	1	
L828898		<20	0.09	<10	<10	52	<10	39	<1	
L828899		20	0.11	<10	<10	53	<10	34	1	
L828900		<20	0.06	<10	<10	336	<10	7780	32	
L828901		<20	0.06	<10	<10	51	<10	44	<1	
L828902		20	0.06	<10	<10	54	<10	37	<1	
L828903		20	0.02	<10	<10	38	<10	35	<1	
L828904		20	<0.01	<10	<10	35	<10	38	1	
L828905		<20	0.09	<10	<10	49	<10	35	<1	
L828906		<20	<0.01	<10	<10	34	<10	37	<1	
L828907		<20	0.07	<10	<10	45	<10	38	1	
L828908		<20	0.01	<10	<10	30	<10	44	<1	
L828909		<20	<0.01	<10	<10	4	<10	>10000	35	1.255
L828910		<20	<0.01	<10	<10	16	<10	88	1	
L828911		<20	<0.01	<10	<10	2	<10	68	1	
L828912		<20	<0.01	<10	<10	28	<10	35	<1	
L828913		<20	<0.01	<10	<10	22	<10	31	<1	
L828914		<20	0.01	<10	<10	41	<10	36	<1	
L828915		<20	<0.01	<10	<10	19	<10	602	4	
L828916		<20	<0.01	<10	<10	2	<10	17	1	
L828917		<20	0.01	<10	<10	35	<10	42	<1	
L828918		<20	<0.01	<10	<10	24	<10	111	1	
L828919		<20	0.01	<10	<10	37	<10	45	<1	
L828920		<20	<0.01	<10	<10	17	<10	35	<1	
L828921		<20	<0.01	<10	<10	27	<10	34	1	
L828922		<20	<0.01	<10	<10	27	<10	35	1	
L828923		<20	<0.01	<10	<10	14	<10	7810	39	
L828924		<20	<0.01	<10	<10	22	<10	122	1	
L828925		<20	0.06	<10	<10	48	<10	62	1	
L828926		<20	0.06	<10	<10	320	<10	7850	31	
L828927		<20	0.08	<10	<10	50	<10	57	1	
L828928		<20	0.04	<10	<10	46	<10	249	<1	
L828929		<20	0.02	<10	<10	44	<10	37	1	
L828930		<20	<0.01	<10	<10	18	<10	114	2	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11195759

Project: Klaza DDH 61

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11195759

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
K976035		13.70	0.051		1.7	0.56	27	<10	170	0.5	<2	2.02	15.1	5	5	17
K976036		8.56	0.029		1.5	0.51	22	<10	80	<0.5	2	1.90	0.9	6	4	8
K976037		6.56	0.316		4.8	0.54	387	<10	20	0.5	5	3.71	4.9	37	3	75
K976038		2.23	<0.005		<0.2	0.05	6	<10	20	<0.5	<2	19.8	<0.5	3	1	3
K976039		5.40	<0.005		0.2	0.61	13	<10	1250	0.7	<2	1.88	<0.5	6	5	6
K976040		3.14	0.065		1.7	0.44	111	<10	50	0.6	<2	6.08	0.5	5	3	9
K976041		10.26	0.018		0.2	0.54	30	<10	480	0.6	<2	2.15	0.6	5	5	6
K976042		9.80	<0.005		<0.2	0.76	7	<10	200	0.6	<2	2.06	<0.5	5	6	5
K976043		9.56	<0.005		<0.2	0.65	11	<10	970	0.6	<2	1.89	<0.5	7	6	6
K976044		3.67	>10.0	12.30	16.1	0.41	788	<10	80	<0.5	9	1.18	216	5	3	193
K976045		8.51	<0.005		<0.2	0.77	5	<10	250	<0.5	<2	1.57	<0.5	6	8	4
K976046		5.87	0.345		<0.2	0.96	7	<10	270	<0.5	<2	1.81	<0.5	6	9	5
K976047		3.26	<0.005		<0.2	0.89	10	<10	310	<0.5	<2	1.87	<0.5	7	9	5
K976048		4.51	0.026		0.5	0.57	427	<10	460	0.6	<2	1.91	6.8	5	5	11
K976049		4.14	0.700		13.6	0.43	1975	<10	30	<0.5	9	0.64	64.1	6	5	125
K976050		5.12	0.224		4.5	0.73	202	<10	170	0.6	4	1.56	20.8	6	6	258
K976051		1.54	<0.005		<0.2	0.11	6	<10	10	<0.5	<2	19.1	<0.5	2	1	3
K976052		9.79	0.146		1.3	0.70	297	<10	310	0.6	<2	2.20	9.1	4	5	36
K976053		4.30	2.50		6.0	0.50	>10000	<10	50	<0.5	5	1.50	66.6	2	6	151
K976054		8.91	0.109		1.6	0.52	142	<10	120	<0.5	<2	2.14	22.2	1	4	25
K976055		3.42	0.521		7.3	0.46	1570	<10	20	<0.5	2	1.58	74.1	3	4	71
K976056		4.52	5.71		91.2	0.56	534	<10	40	0.5	216	2.01	29.4	3	4	1130
K976057		0.17	3.44		>100	0.19	>10000	<10	10	<0.5	<2	0.44	329	2	7	1565
K976058		9.26	1.300		4.5	0.47	1210	<10	80	<0.5	4	1.01	18.1	5	4	103
K976059		4.65	0.322		2.6	0.50	355	<10	180	0.5	2	1.52	18.7	2	3	28
K976060		5.63	0.809		3.0	0.47	814	<10	110	<0.5	3	2.13	37.2	4	6	39
K976061		5.92	0.453		14.3	0.46	455	<10	40	0.5	24	3.84	17.3	2	5	172
K976062		11.06	0.121		1.2	0.62	210	<10	120	0.8	3	1.89	3.0	3	7	10
K976063		5.09	2.29		16.2	0.50	3710	<10	20	0.6	25	2.41	31.5	4	3	203
K976064		7.29	0.061		0.9	0.68	152	<10	260	0.8	<2	1.90	2.1	4	4	11
K976065		4.08	0.656		5.1	0.55	579	<10	80	0.6	8	1.34	74.6	2	5	75
K976066		9.21	0.714		7.7	0.56	393	<10	100	0.7	13	2.34	41.4	4	5	79
K976067		0.17	3.28		>100	0.19	>10000	<10	10	<0.5	<2	0.43	330	1	7	1570
K976068		12.14	0.025		0.4	1.32	43	<10	300	0.9	<2	2.04	1.9	7	5	5
K976069		2.98	0.606		6.5	0.50	373	<10	130	0.5	7	1.07	25.7	2	3	63
K976070		13.39	0.080		1.3	1.42	202	<10	350	0.8	2	2.78	5.4	5	5	18

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VANCOUVER BC V6B 1L8

Finalized Date: 26- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 61

CERTIFICATE OF ANALYSIS WH11195759

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
K976035		2.46	<10	<1	0.26	30	0.63	1335	<1	0.03	1	550	284	0.47	2	6
K976036		1.64	<10	<1	0.29	20	0.54	1180	<1	0.02	2	550	37	0.35	2	4
K976037		7.37	<10	1	0.22	<10	1.11	2280	3	0.02	<1	400	372	7.02	17	5
K976038		0.39	<10	<1	0.03	<10	12.05	195	<1	0.02	3	240	3	0.04	<2	<1
K976039		2.45	<10	<1	0.23	10	0.60	1030	1	0.02	1	470	19	0.29	3	7
K976040		4.97	<10	<1	0.27	10	1.92	6550	1	0.03	<1	450	58	2.37	5	5
K976041		2.32	<10	<1	0.27	20	0.62	1075	1	0.02	<1	520	17	0.41	2	5
K976042		2.33	<10	<1	0.18	20	0.45	502	1	0.03	2	560	9	0.08	5	7
K976043		2.44	<10	<1	0.18	10	0.56	777	1	0.02	1	520	11	0.17	2	8
K976044		4.17	<10	1	0.29	10	0.41	1585	<1	0.02	<1	480	914	2.92	13	3
K976045		2.47	<10	<1	0.15	20	0.56	428	1	0.07	1	570	9	0.03	2	6
K976046		2.57	<10	<1	0.22	20	0.56	540	1	0.09	1	570	12	0.05	2	7
K976047		2.60	<10	<1	0.23	20	0.55	562	1	0.08	1	550	9	0.05	2	6
K976048		2.50	<10	1	0.25	10	0.59	769	1	0.02	1	500	159	0.49	4	6
K976049		6.32	<10	1	0.33	10	0.32	1910	1	0.02	<1	460	436	4.67	17	3
K976050		3.94	<10	<1	0.31	10	0.53	2410	1	0.02	1	460	248	1.59	15	6
K976051		0.38	<10	<1	0.04	<10	11.55	177	<1	0.03	3	260	4	0.03	<2	<1
K976052		3.06	<10	1	0.28	20	0.59	1475	1	0.02	4	590	145	0.64	3	7
K976053		4.53	<10	<1	0.39	10	0.54	1980	<1	0.01	2	500	925	2.56	13	3
K976054		3.39	<10	<1	0.36	20	0.78	1660	<1	0.01	<1	560	582	1.07	3	4
K976055		3.65	<10	<1	0.32	10	0.51	1505	<1	0.01	1	500	2890	2.48	6	3
K976056		6.21	<10	1	0.41	20	0.72	1770	<1	0.01	<1	520	2050	4.40	33	4
K976057		13.25	<10	1	0.08	<10	0.18	1505	<1	0.01	9	140	>10000	>10.0	536	1
K976058		5.19	<10	<1	0.34	10	0.46	1995	1	0.01	<1	480	323	2.70	15	3
K976059		4.09	<10	1	0.39	10	0.64	1895	2	<0.01	<1	510	210	1.24	6	3
K976060		3.64	<10	1	0.29	10	0.73	1545	28	0.01	1	290	613	2.38	14	3
K976061		3.81	<10	1	0.29	10	1.32	2460	11	<0.01	1	270	248	1.98	32	3
K976062		4.75	<10	<1	0.38	20	0.80	2050	3	0.01	1	560	59	1.00	3	6
K976063		4.43	<10	1	0.34	10	0.66	3320	3	<0.01	1	440	474	2.79	33	4
K976064		3.82	<10	<1	0.41	20	0.69	2600	1	0.01	<1	520	53	0.79	2	6
K976065		5.00	<10	<1	0.39	20	0.60	2370	2	0.01	1	460	161	1.92	4	5
K976066		3.13	<10	<1	0.34	20	0.64	1245	1	<0.01	1	540	351	1.41	3	4
K976067		14.1	<10	1	0.08	<10	0.18	1490	<1	<0.01	8	140	>10000	>10.0	544	1
K976068		3.09	<10	<1	0.25	20	0.68	805	2	0.02	1	570	43	0.19	2	6
K976069		5.98	<10	1	0.41	10	0.53	5140	1	<0.01	<1	480	131	1.82	6	3
K976070		2.85	<10	<1	0.22	30	0.67	748	<1	0.01	1	600	29	0.32	<2	7

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CERTIFICATE OF ANALYSIS WH11195759

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
K976035		55	<20	<0.01	<10	<10	22	<10	1090	1		
K976036		48	<20	<0.01	<10	<10	13	<10	90	1		
K976037		93	<20	<0.01	<10	<10	22	<10	432	4		
K976038		57	<20	<0.01	<10	10	2	<10	15	<1		
K976039		82	<20	<0.01	<10	<10	29	<10	60	<1		
K976040		109	<20	<0.01	<10	<10	18	<10	87	1		
K976041		64	<20	<0.01	<10	<10	19	<10	66	<1		
K976042		74	<20	<0.01	<10	<10	37	<10	38	<1		
K976043		73	<20	<0.01	<10	<10	35	<10	60	<1		
K976044		32	<20	<0.01	<10	<10	11	<10	>10000	10		1.410
K976045		77	<20	0.04	<10	<10	46	<10	71	<1		
K976046		74	<20	0.02	<10	<10	44	<10	58	<1		
K976047		79	<20	0.01	<10	<10	40	<10	35	<1		
K976048		59	<20	<0.01	<10	<10	26	<10	510	<1		
K976049		17	<20	<0.01	<10	<10	8	<10	3980	13		
K976050		51	<20	<0.01	<10	<10	24	<10	1410	4		
K976051		53	<20	<0.01	<10	10	1	<10	21	<1		
K976052		74	<20	<0.01	<10	<10	30	<10	665	<1		
K976053		30	<20	<0.01	<10	<10	8	<10	4140	5		
K976054		45	<20	<0.01	<10	<10	14	<10	1655	1		
K976055		31	<20	<0.01	<10	<10	8	<10	4890	6		
K976056		43	<20	<0.01	<10	<10	11	<10	2090	86		
K976057		20	<20	<0.01	<10	<10	7	160	>10000	408	3.05	3.60
K976058		26	<20	<0.01	<10	<10	10	<10	1350	4		
K976059		33	<20	<0.01	<10	<10	9	<10	1330	2		
K976060		42	<20	<0.01	<10	<10	11	<10	2760	3		
K976061		62	<20	<0.01	<10	<10	10	<10	1285	14		
K976062		54	<20	<0.01	<10	<10	22	<10	294	2		
K976063		50	<20	<0.01	<10	<10	10	<10	2270	15		
K976064		57	<20	<0.01	<10	<10	17	<10	212	1		
K976065		40	<20	<0.01	<10	<10	15	<10	4620	5		
K976066		68	<20	<0.01	<10	<10	15	<10	2560	7		
K976067		20	<20	<0.01	<10	<10	7	160	>10000	422	3.05	3.57
K976068		72	<20	<0.01	<10	<10	34	<10	162	<1		
K976069		21	<20	<0.01	<10	<10	9	<10	1880	6		
K976070		101	<20	<0.01	<10	<10	33	<10	402	1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196870

Project: Klaza DDH- 63

P.O. No.: Batch 8

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11196870

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K974121		5.58	0.009	0.3	1.08	25	<10	120	0.7	3	1.74	0.5	6	4	37	2.72
K974122		3.85	0.006	0.2	1.23	8	<10	220	0.7	3	1.16	<0.5	7	5	14	2.94
K974123		7.65	0.022	2.2	0.51	22	<10	40	<0.5	<2	2.33	1.2	13	6	8	3.41
K974124		5.41	0.009	0.5	0.39	12	<10	90	<0.5	<2	1.60	1.6	4	8	4	2.19
K974125		5.97	0.008	0.4	0.36	17	<10	120	<0.5	<2	1.18	0.9	3	10	5	2.12
K974126		2.97	<0.005	<0.2	0.05	5	<10	20	<0.5	<2	19.0	<0.5	1	1	1	0.40
K974127		8.18	0.013	0.5	0.34	20	<10	50	<0.5	<2	2.56	0.5	5	8	11	2.96
K974128		4.03	0.020	0.7	0.54	40	<10	20	<0.5	2	2.19	0.8	8	5	7	3.59
K974129		4.01	0.068	3.6	0.52	125	<10	80	0.5	5	2.34	3.2	7	3	116	4.57
K974130		0.17	1.520	32.9	4.66	152	<10	30	<0.5	10	4.53	31.6	82	55	6780	8.19
K974131		10.86	0.009	0.4	1.10	12	<10	30	0.5	2	2.28	0.5	9	7	37	3.49
K974132		5.90	0.007	<0.2	1.35	8	<10	70	0.5	<2	2.06	<0.5	6	9	14	3.03
K974133		5.48	0.007	0.2	0.95	9	<10	90	0.5	2	1.04	<0.5	6	6	11	2.45
K974134		7.86	<0.005	0.2	1.43	9	<10	550	0.5	<2	1.39	<0.5	3	9	7	2.79
K974135		9.94	<0.005	<0.2	1.46	6	<10	190	0.5	2	1.72	<0.5	5	10	6	3.00
K974136		0.20	1.540	33.8	4.80	166	<10	30	<0.5	5	4.68	32.4	86	57	7050	8.48
K974137		9.88	0.006	0.3	3.10	9	<10	130	0.9	2	1.79	<0.5	9	7	29	5.93
K974138		7.84	0.006	0.2	1.34	<2	<10	130	0.7	3	3.15	<0.5	9	4	13	3.62
K974139		8.28	0.060	1.5	0.60	50	<10	70	0.5	3	2.97	5.2	8	3	34	3.72
K974144		4.50	0.650	19.3	0.52	425	<10	40	0.5	34	3.13	89.0	7	2	219	4.92
K974145		2.14	<0.005	<0.2	0.04	<2	<10	<10	<0.5	2	19.3	<0.5	2	<1	1	0.42
K974146		9.05	0.034	0.9	0.82	32	<10	90	0.6	2	2.53	5.2	10	5	26	3.14
K974147		9.48	0.007	<0.2	0.69	17	<10	90	0.7	3	3.69	1.2	12	3	6	3.80
K974148		12.59	<0.005	0.2	1.24	6	<10	50	<0.5	<2	1.83	0.5	9	8	5	3.01
K974149		13.78	0.013	0.4	1.27	15	<10	120	0.5	2	2.51	0.5	9	8	148	3.16
K974150		5.65	0.005	0.4	1.56	9	<10	90	0.6	<2	1.98	<0.5	14	7	28	3.22
K974151		10.48	<0.005	<0.2	1.21	3	<10	120	<0.5	<2	1.50	<0.5	7	8	9	2.60
K974152		8.62	<0.005	<0.2	1.16	5	<10	520	<0.5	<2	1.40	0.5	6	10	6	2.70
K974153		11.44	<0.005	<0.2	1.14	3	<10	230	0.5	<2	2.23	<0.5	14	7	3	2.60

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11196870

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K974121		<10	<1	0.27	20	0.40	422	<1	0.01	<1	610	21	1.12	5	4	93
K974122		<10	1	0.19	10	0.47	381	<1	0.01	<1	490	12	0.94	<2	5	90
K974123		<10	<1	0.25	10	0.69	874	1	0.01	1	420	61	2.37	<2	4	68
K974124		<10	<1	0.22	10	0.49	510	<1	0.01	<1	260	45	1.44	<2	1	50
K974125		<10	1	0.23	10	0.33	460	<1	0.01	1	240	21	1.58	<2	1	40
K974126		<10	<1	0.03	<10	12.00	196	<1	0.01	1	280	2	0.03	<2	<1	51
K974127		<10	<1	0.21	10	0.71	1140	2	0.01	<1	200	21	1.97	2	2	52
K974128		<10	<1	0.36	10	0.64	1560	1	0.01	1	490	33	2.86	2	3	63
K974129		<10	<1	0.34	10	0.67	3440	2	0.01	1	460	87	3.03	18	3	70
K974130		<10	<1	0.23	10	1.12	620	42	0.32	291	650	7720	7.21	23	4	74
K974131		<10	<1	0.24	20	0.67	603	<1	0.03	1	600	33	2.16	<2	5	93
K974132		10	1	0.21	20	0.86	647	<1	0.05	1	680	9	1.14	<2	6	124
K974133		<10	1	0.18	20	0.30	441	<1	0.01	1	640	13	1.19	2	7	50
K974134		<10	<1	0.16	20	0.80	510	<1	0.05	1	640	10	0.36	<2	6	141
K974135		<10	<1	0.18	20	0.84	597	<1	0.05	1	630	11	0.92	<2	6	136
K974136		10	1	0.23	10	1.15	639	44	0.33	304	680	7990	7.43	25	4	78
K974137		10	1	0.66	20	1.23	903	<1	0.06	<1	830	17	1.42	<2	7	281
K974138		<10	1	0.50	20	0.63	857	<1	0.02	1	640	17	2.42	<2	5	117
K974139		<10	<1	0.27	10	0.59	1640	2	0.02	1	480	42	3.33	5	3	104
K974144		<10	<1	0.35	10	0.51	2600	5	0.02	2	470	299	4.96	13	2	88
K974145		<10	1	0.02	<10	12.00	197	<1	0.02	1	220	<2	0.04	<2	<1	53
K974146		<10	1	0.32	10	0.59	810	<1	0.02	1	630	94	2.33	<2	5	94
K974147		<10	<1	0.27	10	0.58	1045	1	0.02	1	490	41	3.64	<2	4	133
K974148		10	<1	0.25	20	0.70	491	26	0.09	2	600	20	2.12	<2	5	115
K974149		10	<1	0.26	20	0.62	716	<1	0.06	1	560	20	1.92	<2	4	123
K974150		10	<1	0.24	30	0.79	700	<1	0.04	2	570	17	1.48	<2	4	113
K974151		10	<1	0.17	30	0.77	505	1	0.07	1	560	10	1.04	<2	6	144
K974152		10	1	0.17	20	0.70	533	1	0.08	2	590	31	0.56	<2	5	126
K974153		10	<1	0.21	40	0.64	601	1	0.06	<1	570	17	1.05	<2	5	108

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11196870

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K974121		<20	<0.01	<10	<10	20	<10	62	1
K974122		<20	<0.01	<10	<10	27	<10	50	1
K974123		<20	<0.01	<10	<10	16	<10	134	1
K974124		<20	<0.01	<10	<10	9	<10	131	1
K974125		<20	<0.01	<10	<10	7	<10	84	<1
K974126		<20	<0.01	<10	<10	1	<10	14	<1
K974127		<20	<0.01	<10	<10	11	<10	86	1
K974128		<20	<0.01	<10	<10	8	<10	93	1
K974129		<20	<0.01	<10	<10	9	<10	313	4
K974130		<20	0.06	<10	10	309	<10	7020	28
K974131		<20	<0.01	<10	<10	28	<10	94	1
K974132		<20	<0.01	<10	<10	42	<10	64	<1
K974133		<20	<0.01	<10	10	31	<10	58	1
K974134		<20	0.06	<10	<10	50	<10	52	1
K974135		<20	0.02	<10	<10	45	<10	57	<1
K974136		<20	0.06	<10	<10	324	<10	7380	33
K974137		20	0.05	<10	<10	62	<10	72	3
K974138		20	0.02	<10	<10	26	<10	64	1
K974139		<20	<0.01	<10	<10	9	<10	400	1
K974144		<20	<0.01	<10	<10	7	<10	5880	18
K974145		<20	<0.01	<10	<10	2	<10	23	<1
K974146		<20	<0.01	<10	<10	20	<10	444	2
K974147		<20	<0.01	<10	<10	12	<10	137	1
K974148		<20	0.01	<10	<10	35	<10	81	<1
K974149		<20	<0.01	<10	<10	27	<10	91	1
K974150		<20	<0.01	<10	<10	32	<10	70	<1
K974151		<20	0.01	<10	<10	40	<10	48	<1
K974152		20	0.06	<10	<10	50	<10	69	<1
K974153		20	0.01	<10	<10	36	<10	58	1

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CERTIFICATE WH11196871

Project: Klaza DDH 55

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

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Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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CERTIFICATE OF ANALYSIS WH11196871

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829367		3.75	1.630	16.2	0.24	3190	<10	20	<0.5	3	2.92	9.3	30	5	59	7.46
L829368		5.12	0.030	1.8	0.27	50	<10	10	<0.5	<2	1.92	2.8	29	4	5	5.31
L829369		4.75	0.013	0.6	0.25	20	<10	30	<0.5	<2	2.40	2.3	32	4	4	3.97
L829370		9.19	0.008	0.3	0.33	5	<10	110	<0.5	<2	2.70	<0.5	23	4	3	3.44
L829371		2.56	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	18.3	<0.5	<1	1	2	0.44
L829372		9.86	<0.005	0.2	0.42	4	<10	630	<0.5	<2	1.38	<0.5	6	6	2	2.36
L829373		11.51	<0.005	<0.2	0.80	4	<10	370	<0.5	<2	1.89	<0.5	4	11	3	2.65
L829374		10.57	<0.005	0.2	0.94	3	<10	180	0.5	<2	1.82	<0.5	6	8	2	2.70
L829375		12.09	<0.005	0.2	0.86	2	<10	530	0.5	<2	2.33	<0.5	3	7	2	2.50
L829376		4.78	<0.005	0.2	0.54	2	<10	60	0.5	<2	1.43	<0.5	3	6	2	2.06
L829377		3.95	<0.005	<0.2	0.66	12	<10	440	0.6	<2	1.47	<0.5	5	6	2	2.77
L829378		7.32	<0.005	<0.2	1.04	2	<10	90	0.5	<2	1.62	<0.5	5	7	3	2.48
L829379		3.61	0.255	3.3	0.36	115	<10	160	0.7	<2	2.30	11.8	4	5	27	3.98
L829380		10.51	0.018	0.3	0.91	27	<10	140	<0.5	<2	2.27	2.4	6	9	10	2.64
L829381		0.12	1.295	32.5	4.75	143	<10	40	<0.5	14	4.55	31.9	84	56	6970	8.09
L829382		11.80	0.005	0.6	1.13	3	<10	290	<0.5	<2	2.63	<0.5	7	7	58	2.61
L829383		3.87	0.386	12.2	0.34	223	<10	80	0.6	<2	2.34	36.4	5	5	94	4.03
L829384		1.76	<0.005	<0.2	0.07	2	<10	20	<0.5	<2	18.5	<0.5	<1	<1	2	0.46
L829385		12.67	0.006	<0.2	0.84	20	<10	330	<0.5	<2	1.89	4.9	5	9	3	2.74
L829386		3.58	0.051	1.3	0.37	173	<10	60	0.6	2	2.14	6.4	7	6	12	3.74
L829387		8.06	0.008	0.3	0.72	17	<10	150	<0.5	<2	1.69	2.4	4	7	4	2.73
L829388		4.24	0.028	0.5	0.73	17	<10	140	<0.5	<2	1.84	3.3	5	8	4	2.80
L829389		9.93	<0.005	<0.2	0.87	2	<10	140	<0.5	<2	1.29	<0.5	4	8	2	2.56
L829390		3.66	0.115	0.9	0.58	1620	<10	210	0.6	<2	1.75	3.1	5	7	5	3.22
L829391		13.13	<0.005	<0.2	0.93	6	<10	220	<0.5	<2	1.38	<0.5	5	9	2	2.60
L829392		13.73	<0.005	0.2	0.97	6	<10	290	<0.5	<2	1.50	<0.5	4	12	3	2.94
L829393		8.52	<0.005	<0.2	0.70	<2	<10	310	<0.5	<2	1.73	<0.5	4	8	3	2.57
L829394		10.56	0.027	1.0	0.46	80	<10	150	0.5	<2	2.43	2.7	7	7	15	2.95
L829395		4.96	0.387	3.6	0.26	676	<10	50	<0.5	2	0.57	21.8	7	5	28	6.30
L829396		9.28	0.029	0.6	0.24	38	<10	150	<0.5	<2	1.99	2.0	12	8	3	3.25
L829397		7.55	0.005	0.2	0.54	6	<10	520	0.5	<2	1.92	3.0	3	7	7	2.18
L829398		3.63	0.111	2.7	0.34	219	<10	110	0.5	<2	2.15	24.4	5	6	29	3.80
L829399		3.42	0.029	1.0	0.31	90	<10	120	<0.5	<2	2.29	5.2	9	5	8	2.60
L829400		7.82	<0.005	0.2	0.86	5	<10	230	0.5	<2	2.35	<0.5	5	8	21	2.58
L829401		0.17	3.25	>100	0.17	>10000	<10	10	<0.5	<2	0.41	321	1	8	1520	13.45
L829402		3.92	0.010	0.4	0.27	52	<10	250	<0.5	<2	2.34	0.6	9	7	10	1.89

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2011
Account: ROCKHA

Project: Klaza DDH 55

CERTIFICATE OF ANALYSIS WH11196871

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829367		<10	<1	0.20	<10	0.92	2950	9	0.03	2	440	249	7.87	34	1	35
L829368		<10	<1	0.20	<10	0.58	1925	15	0.03	1	520	127	4.90	4	2	31
L829369		<10	<1	0.17	10	0.73	1315	8	0.03	2	500	69	3.31	<2	2	47
L829370		<10	<1	0.14	10	0.80	835	2	0.03	1	520	33	2.67	<2	2	45
L829371		<10	<1	0.02	<10	11.40	196	<1	0.02	1	160	2	0.05	<2	<1	43
L829372		<10	<1	0.12	30	0.43	616	<1	0.03	<1	570	7	0.37	<2	7	34
L829373		<10	<1	0.11	20	0.62	419	1	0.05	1	610	6	0.18	<2	6	57
L829374		<10	<1	0.13	20	0.60	476	<1	0.05	2	600	7	0.35	<2	6	57
L829375		<10	<1	0.14	30	0.61	482	<1	0.05	1	630	7	0.25	<2	6	65
L829376		<10	<1	0.13	30	0.41	535	<1	0.02	1	630	7	0.08	3	8	37
L829377		<10	<1	0.17	20	0.55	1200	<1	0.04	1	560	14	0.18	<2	6	45
L829378		<10	<1	0.09	20	0.67	452	1	0.05	1	560	9	0.14	<2	6	48
L829379		<10	1	0.23	20	0.74	4500	2	0.03	<1	520	477	0.81	6	5	46
L829380		<10	<1	0.16	20	0.74	1055	1	0.05	1	600	102	0.37	<2	5	61
L829381		10	1	0.24	10	1.12	605	43	0.35	310	670	8050	7.16	28	4	76
L829382		<10	<1	0.11	20	0.80	655	1	0.05	2	650	20	0.37	2	6	83
L829383		<10	<1	0.22	10	0.71	3630	1	0.02	1	510	468	1.92	14	5	59
L829384		<10	<1	0.05	<10	11.60	220	<1	0.02	1	160	3	0.04	<2	<1	50
L829385		<10	<1	0.17	20	0.67	601	1	0.07	1	570	25	0.12	<2	6	73
L829386		<10	<1	0.24	10	0.68	1495	3	0.02	1	510	255	1.66	4	4	70
L829387		<10	<1	0.16	20	0.65	772	1	0.05	1	550	161	0.23	<2	5	62
L829388		<10	<1	0.17	20	0.66	823	1	0.05	1	560	171	0.27	<2	5	65
L829389		<10	<1	0.11	20	0.66	405	1	0.07	<1	580	8	0.05	<2	5	49
L829390		<10	<1	0.20	20	0.55	922	1	0.04	1	550	230	0.93	10	6	57
L829391		<10	<1	0.12	20	0.64	390	1	0.08	1	580	9	0.05	<2	4	52
L829392		10	<1	0.11	20	0.74	426	1	0.08	1	640	11	0.04	<2	5	54
L829393		<10	<1	0.15	20	0.62	531	<1	0.06	1	590	7	0.07	<2	5	67
L829394		<10	<1	0.19	30	0.59	1150	1	0.03	1	570	129	1.02	2	5	66
L829395		<10	<1	0.23	10	0.35	2060	3	0.02	<1	480	367	4.24	7	2	12
L829396		<10	<1	0.18	40	0.54	1990	1	0.02	<1	330	73	1.43	<2	3	37
L829397		<10	<1	0.19	30	0.58	711	<1	0.03	1	570	17	0.16	<2	5	52
L829398		<10	<1	0.24	10	0.69	2990	2	0.02	<1	480	298	1.93	8	4	50
L829399		<10	<1	0.23	30	0.64	1690	3	0.03	1	510	155	1.06	3	3	49
L829400		<10	<1	0.16	20	0.61	700	1	0.06	1	650	10	0.09	<2	6	90
L829401		<10	1	0.07	<10	0.17	1450	1	0.01	8	130	>10000	>10.0	548	1	20
L829402		<10	<1	0.20	20	0.65	1145	1	0.02	1	450	28	0.65	4	3	53

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Finalized Date: 1- DEC- 2011
Account: ROCKHA

Project: Klaza DDH 55

CERTIFICATE OF ANALYSIS WH11196871

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829367		<20	<0.01	<10	<10	3	<10	750	15		
L829368		<20	<0.01	<10	<10	5	<10	537	2		
L829369		<20	<0.01	<10	<10	5	<10	333	<1		
L829370		<20	<0.01	<10	<10	13	<10	54	<1		
L829371		<20	<0.01	<10	<10	1	<10	12	<1		
L829372		<20	<0.01	<10	<10	31	<10	39	<1		
L829373		<20	0.03	<10	<10	46	<10	34	<1		
L829374		<20	0.02	<10	<10	40	<10	36	<1		
L829375		<20	0.01	<10	<10	38	<10	40	<1		
L829376		<20	<0.01	<10	<10	36	<10	34	<1		
L829377		<20	0.01	<10	<10	32	<10	38	1		
L829378		<20	0.01	<10	<10	39	<10	33	1		
L829379		<20	<0.01	<10	<10	15	<10	919	3		
L829380		<20	0.01	<10	<10	35	<10	214	<1		
L829381		<20	0.05	<10	<10	312	<10	7280	29		
L829382		<20	0.01	<10	<10	50	<10	56	2		
L829383		<20	<0.01	<10	<10	20	<10	2560	11		
L829384		<20	<0.01	<10	<10	1	<10	19	1		
L829385		<20	0.02	<10	<10	40	<10	360	1		
L829386		<20	<0.01	<10	<10	16	<10	548	1		
L829387		<20	0.02	<10	<10	36	<10	247	<1		
L829388		<20	0.02	<10	<10	36	<10	323	<1		
L829389		<20	0.06	<10	<10	47	<10	31	<1		
L829390		<20	<0.01	<10	<10	28	<10	275	<1		
L829391		<20	0.07	<10	<10	47	<10	30	<1		
L829392		<20	0.09	<10	<10	54	<10	38	<1		
L829393		<20	0.04	<10	<10	42	<10	33	1		
L829394		<20	<0.01	<10	<10	23	<10	243	1		
L829395		<20	<0.01	<10	<10	6	<10	1495	3		
L829396		<20	<0.01	<10	<10	8	<10	180	1		
L829397		<20	<0.01	<10	<10	24	<10	252	<1		
L829398		<20	<0.01	<10	<10	18	<10	2070	2		
L829399		<20	<0.01	<10	<10	8	<10	430	<1		
L829400		<20	0.01	<10	<10	39	<10	46	<1		
L829401		<20	<0.01	<10	<10	7	150	>10000	423	3.18	3.70
L829402		<20	<0.01	<10	<10	7	<10	69	1		

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VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196872

Project: Klaza DDH 55

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11196872

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829331		12.86	0.006	<0.2	1.44	7	<10	170	0.5	<2	2.73	<0.5	7	8	<1	2.69
L829332		6.88	<0.005	<0.2	1.28	6	<10	240	0.5	<2	1.59	<0.5	4	10	2	2.84
L829333		12.88	0.026	0.5	1.19	24	<10	170	0.6	<2	2.86	4.6	22	8	6	3.02
L829334		7.67	<0.005	<0.2	1.00	7	<10	220	<0.5	2	2.98	0.7	3	7	1	1.79
L829335		9.30	<0.005	<0.2	1.24	7	<10	240	<0.5	<2	1.45	<0.5	3	11	1	2.60
L829336		0.16	1.445	36.4	4.96	162	<10	40	<0.5	<2	4.69	33.6	87	56	7570	8.36
L829337		9.78	0.008	<0.2	1.23	10	<10	340	0.5	<2	1.78	1.3	4	9	6	2.57
L829338		11.66	<0.005	<0.2	1.16	6	<10	170	<0.5	<2	1.33	<0.5	4	11	6	2.87
L829339		4.65	0.326	2.9	0.57	130	<10	60	0.6	2	3.17	24.2	3	6	34	4.11
L829340		11.06	<0.005	<0.2	1.00	9	<10	290	<0.5	<2	1.57	<0.5	5	12	2	2.75
L829341		7.73	0.008	<0.2	1.11	13	<10	290	0.5	<2	1.78	<0.5	5	13	3	2.91
L829342		9.34	<0.005	<0.2	1.06	11	<10	270	<0.5	<2	1.67	<0.5	4	11	2	2.75
L829343		4.84	0.059	0.8	0.59	58	<10	700	0.6	<2	2.82	5.2	3	8	9	2.94
L829344		5.86	<0.005	<0.2	0.83	6	<10	170	0.7	<2	2.13	0.8	1	6	<1	2.64
L829345		1.96	<0.005	<0.2	0.06	2	<10	10	<0.5	<2	19.8	<0.5	<1	<1	2	0.40
L829346		7.25	0.013	0.7	0.55	19	<10	270	0.5	<2	2.16	18.1	3	7	7	3.98
L829347		4.68	0.509	10.2	0.44	334	<10	80	<0.5	<2	2.51	85.6	2	8	99	4.59
L829348		6.19	0.009	<0.2	0.69	14	<10	990	0.5	<2	3.19	1.3	1	7	3	2.19
L829349		8.55	<0.005	<0.2	1.20	8	<10	750	0.6	<2	2.50	<0.5	1	9	1	2.29
L829350		3.93	<0.005	<0.2	1.17	12	<10	760	0.6	<2	2.61	<0.5	1	8	1	2.31
L829351		12.01	0.008	<0.2	0.84	14	<10	70	0.6	<2	3.35	2.0	1	9	2	2.00
L829352		4.82	<0.005	<0.2	0.72	11	<10	80	0.5	<2	4.17	<0.5	2	4	<1	2.21
L829353		9.24	<0.005	0.2	1.24	10	<10	170	0.6	<2	3.01	<0.5	1	9	1	2.36
L829354		8.55	<0.005	<0.2	0.89	7	<10	380	0.5	<2	2.75	<0.5	1	9	1	2.63
L829355		5.45	0.018	0.5	1.20	29	<10	220	0.6	<2	3.64	4.4	2	9	3	3.42
L829356		13.18	<0.005	<0.2	1.09	10	<10	480	0.5	<2	2.97	1.0	2	9	2	2.91
L829357		13.43	<0.005	<0.2	1.13	7	<10	290	0.5	<2	1.43	<0.5	3	11	2	2.86
L829358		4.97	0.013	0.4	1.08	28	<10	370	0.6	<2	2.82	10.8	4	8	12	2.94
L829359		8.03	<0.005	<0.2	1.39	10	<10	230	0.5	<2	3.79	<0.5	3	12	1	2.69
L829360		6.71	<0.005	<0.2	1.16	4	<10	160	0.5	<2	2.16	<0.5	3	12	2	2.65
L829361		6.84	<0.005	<0.2	1.35	6	<10	590	0.5	<2	2.89	<0.5	6	10	2	2.20
L829362		12.63	<0.005	<0.2	1.10	9	<10	750	0.5	<2	1.70	<0.5	5	12	1	2.70
L829363		0.16	1.475	33.8	4.92	161	<10	50	<0.5	22	4.69	33.2	87	58	7550	8.36
L829364		5.68	<0.005	<0.2	0.93	5	<10	110	0.5	<2	1.96	<0.5	4	8	3	2.05
L829365		7.84	0.016	0.6	0.51	37	<10	20	<0.5	2	2.05	1.1	16	9	2	3.95
L829366		1.45	<0.005	<0.2	0.07	3	<10	20	<0.5	<2	20.6	<0.5	<1	<1	1	0.49

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CERTIFICATE OF ANALYSIS WH11196872

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829331		10	1	0.20	40	0.71	790	3	0.05	1	620	<2	0.29	<2	4	69
L829332		10	1	0.16	20	0.65	448	1	0.09	1	580	6	0.05	<2	5	62
L829333		<10	<1	0.31	30	0.55	832	1	0.04	<1	580	98	1.27	<2	4	67
L829334		<10	<1	0.34	20	0.55	859	2	0.04	<1	520	22	0.28	2	3	62
L829335		10	1	0.15	20	0.65	395	1	0.10	<1	600	7	0.04	<2	4	52
L829336		10	1	0.23	10	1.13	622	47	0.34	325	690	8720	7.65	30	4	81
L829337		<10	<1	0.19	20	0.63	503	1	0.07	1	580	80	0.12	<2	4	92
L829338		10	<1	0.16	20	0.65	390	2	0.11	5	640	12	0.03	<2	5	53
L829339		<10	1	0.32	10	1.02	3780	1	0.03	1	500	969	1.13	3	5	96
L829340		<10	1	0.18	20	0.64	419	1	0.11	1	610	9	0.05	<2	6	74
L829341		10	<1	0.24	20	0.67	474	1	0.11	1	610	12	0.07	<2	6	74
L829342		<10	1	0.18	20	0.63	459	1	0.11	1	590	8	0.08	<2	6	68
L829343		<10	<1	0.22	20	0.92	1210	1	0.04	2	380	178	0.50	2	5	72
L829344		<10	<1	0.23	20	0.70	824	<1	0.04	<1	560	4	0.15	<2	7	62
L829345		<10	1	0.02	<10	11.95	182	<1	0.03	<1	220	3	0.03	<2	<1	53
L829346		<10	1	0.30	20	0.76	1750	1	0.03	<1	570	327	0.69	<2	5	45
L829347		<10	<1	0.33	20	1.04	3390	2	0.03	<1	460	3940	2.12	10	4	34
L829348		<10	1	0.32	60	0.80	1300	1	0.04	<1	560	58	0.28	<2	5	73
L829349		<10	1	0.15	30	0.57	577	1	0.04	<1	570	16	0.09	3	8	65
L829350		<10	1	0.15	30	0.58	602	<1	0.04	1	590	6	0.10	2	8	69
L829351		<10	<1	0.20	60	0.62	962	1	0.04	<1	620	174	0.26	<2	6	69
L829352		<10	<1	0.25	40	1.14	1490	<1	0.04	<1	620	5	0.62	<2	5	76
L829353		<10	<1	0.21	20	0.70	795	<1	0.07	<1	550	20	0.11	<2	6	81
L829354		<10	<1	0.22	50	0.63	869	1	0.09	<1	550	27	0.13	<2	6	86
L829355		<10	1	0.33	20	1.06	1795	2	0.05	1	530	290	0.56	3	6	81
L829356		<10	<1	0.20	20	0.75	952	1	0.06	<1	630	72	0.19	<2	7	94
L829357		10	2	0.14	20	0.74	381	1	0.09	1	600	14	0.03	<2	6	59
L829358		<10	1	0.26	20	0.81	1045	1	0.05	1	560	287	0.40	<2	5	84
L829359		10	2	0.16	30	0.76	646	<1	0.05	1	600	17	0.07	2	7	103
L829360		10	1	0.16	20	0.73	539	1	0.08	1	600	8	0.10	<2	6	69
L829361		10	3	0.14	20	0.85	525	1	0.06	1	610	7	0.21	2	7	100
L829362		10	1	0.18	20	0.69	388	1	0.09	1	540	8	0.27	<2	5	87
L829363		10	2	0.24	10	1.14	626	49	0.35	323	680	8690	7.57	29	4	82
L829364		<10	<1	0.21	30	0.34	606	1	0.03	<1	590	8	0.29	3	7	45
L829365		<10	<1	0.35	10	0.62	1655	4	0.03	2	560	99	3.44	<2	1	43
L829366		<10	<1	0.02	<10	12.40	220	<1	0.03	<1	180	<2	0.03	<2	<1	51

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 55

CERTIFICATE OF ANALYSIS WH11196872

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L829331		<20	0.01	<10	<10	36	<10	42	1
L829332		<20	0.05	<10	<10	49	<10	32	<1
L829333		<20	<0.01	<10	<10	26	<10	332	<1
L829334		<20	<0.01	<10	<10	19	<10	65	<1
L829335		<20	0.09	<10	<10	52	<10	33	<1
L829336		<20	0.05	<10	<10	320	<10	7960	32
L829337		<20	0.05	<10	<10	44	<10	121	<1
L829338		<20	0.11	<10	<10	56	<10	34	<1
L829339		<20	<0.01	<10	<10	18	<10	1850	3
L829340		<20	0.06	<10	<10	50	<10	29	<1
L829341		<20	0.06	<10	<10	50	<10	31	<1
L829342		<20	0.07	<10	<10	51	<10	31	<1
L829343		<20	<0.01	<10	<10	23	<10	439	1
L829344		<20	<0.01	<10	<10	29	<10	116	<1
L829345		<20	<0.01	<10	<10	2	<10	15	<1
L829346		<20	<0.01	<10	<10	30	<10	1405	1
L829347		<20	<0.01	<10	<10	12	<10	5750	10
L829348		20	<0.01	<10	<10	26	<10	151	1
L829349		<20	<0.01	<10	<10	36	<10	64	1
L829350		20	<0.01	<10	<10	37	<10	56	<1
L829351		20	<0.01	<10	<10	31	<10	193	<1
L829352		20	<0.01	<10	<10	26	<10	48	<1
L829353		20	<0.01	<10	<10	31	<10	53	<1
L829354		20	<0.01	<10	<10	46	<10	70	<1
L829355		<20	<0.01	<10	<10	30	<10	383	1
L829356		20	<0.01	<10	<10	39	<10	129	<1
L829357		<20	0.04	<10	<10	49	<10	36	<1
L829358		<20	<0.01	<10	<10	30	<10	786	1
L829359		<20	<0.01	<10	<10	41	<10	49	1
L829360		20	0.02	<10	<10	46	<10	39	1
L829361		20	<0.01	<10	<10	41	<10	37	1
L829362		20	0.03	<10	<10	43	<10	32	1
L829363		<20	0.05	<10	<10	324	<10	7970	30
L829364		<20	<0.01	<10	<10	32	<10	31	<1
L829365		<20	<0.01	<10	<10	6	<10	111	2
L829366		<20	<0.01	<10	<10	2	<10	16	<1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196873

Project: Klaza DDH- 57

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11196873

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829498		8.60	<0.005	0.5	1.18	13	<10	280	<0.5	<2	2.48	2.2	4	7	6	2.35
L829499		15.83	<0.005	0.2	1.04	8	<10	190	<0.5	<2	1.75	1.4	3	10	6	2.34
L829500		10.65	<0.005	0.4	0.89	11	<10	210	<0.5	<2	1.26	2.1	4	8	7	2.30
L828001		4.41	0.438	39.1	0.45	415	<10	190	0.5	65	1.00	58.3	6	5	239	3.46
L828002		2.08	<0.005	0.4	0.03	5	<10	20	<0.5	<2	18.5	<0.5	<1	1	6	0.46
L828003		12.89	<0.005	0.2	1.23	15	<10	110	<0.5	<2	1.24	0.5	6	9	5	2.62
L828004		9.82	0.008	0.8	1.14	18	<10	120	<0.5	<2	1.24	1.9	5	9	12	2.54
L828005		10.89	<0.005	0.2	0.87	8	<10	120	<0.5	<2	1.26	<0.5	6	8	7	2.51
L828006		3.16	<0.005	0.2	0.50	19	<10	280	0.6	<2	1.91	<0.5	7	5	7	2.58
L828007		12.48	<0.005	0.2	0.84	5	<10	100	0.5	<2	1.51	<0.5	6	8	6	2.56
L828008		0.10	1.395	31.0	4.84	148	<10	70	<0.5	4	4.37	31.6	84	59	6940	8.07
L828009		12.54	<0.005	<0.2	1.05	5	<10	160	<0.5	<2	1.12	<0.5	5	8	19	2.51
L828010		6.47	<0.005	<0.2	0.83	19	<10	160	0.5	<2	1.58	<0.5	5	7	11	2.56
L828011		12.94	<0.005	<0.2	0.90	4	<10	160	<0.5	<2	1.39	<0.5	5	9	12	2.58
L828012		5.09	0.168	3.9	0.45	332	<10	70	0.6	6	1.97	3.2	6	3	16	3.51
L828013		4.27	0.044	0.9	0.37	128	<10	340	0.7	<2	2.10	1.6	5	4	19	3.64
L828014		4.26	0.283	5.9	0.37	821	<10	60	0.6	<2	1.63	12.1	5	4	34	3.46
L828015		2.98	<0.005	0.2	0.04	3	<10	10	<0.5	<2	19.2	<0.5	<1	1	2	0.46
L828016		11.94	<0.005	0.4	0.58	16	<10	230	0.6	<2	1.99	1.3	6	5	9	2.71
L828017		6.44	<0.005	0.2	0.78	17	<10	230	0.6	<2	2.09	<0.5	7	5	34	2.84
L828018		7.14	0.008	0.3	0.51	36	<10	550	0.6	<2	2.22	<0.5	7	5	8	2.47
L828019		4.28	<0.005	0.3	0.50	13	<10	500	0.6	<2	2.32	<0.5	6	5	13	2.41
L828020		6.84	<0.005	0.2	1.27	2	<10	90	0.6	<2	1.47	<0.5	6	6	37	2.70
L828021		6.46	<0.005	<0.2	0.80	3	<10	290	0.7	<2	1.89	<0.5	6	5	10	2.52
L828022		7.48	<0.005	<0.2	0.93	6	<10	320	0.8	<2	1.85	<0.5	7	5	5	2.63
L828023		8.20	0.019	0.7	0.48	28	<10	480	0.8	<2	1.76	0.7	7	4	36	2.88
L828024		6.78	0.007	<0.2	0.43	11	<10	1010	0.7	<2	5.53	<0.5	5	4	6	3.27
L828025		14.19	<0.005	<0.2	0.75	6	<10	300	0.6	<2	1.59	<0.5	5	6	7	2.57
L828026		12.18	0.011	0.5	1.08	40	<10	490	0.7	<2	1.78	1.3	6	6	49	2.79
L828027		4.85	2.29	38.9	0.73	5200	<10	90	0.7	29	1.22	191.5	7	5	1515	6.06
L828028		4.46	0.075	4.3	0.47	265	<10	110	0.7	3	3.68	49.9	7	4	181	3.54
L828029		4.19	0.028	1.4	0.88	37	<10	140	0.6	<2	1.37	10.2	7	5	14	3.81
L828030		0.09	1.555	30.7	4.80	148	<10	30	<0.5	<2	4.43	31.8	85	55	7000	8.12
L828031		5.30	0.006	0.3	1.27	8	<10	170	0.7	<2	1.68	<0.5	6	6	57	3.09
L828032		9.05	0.088	0.8	0.41	808	<10	580	0.5	<2	1.20	3.6	6	5	22	2.82
L828033		3.78	0.165	3.9	0.35	268	<10	170	0.7	5	1.91	28.2	5	3	113	3.64

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11196873

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829498		<10	<1	0.10	20	0.70	636	<1	0.03	1	610	5	0.02	<2	6	64
L829499		<10	<1	0.07	20	0.79	502	<1	0.05	1	630	5	0.01	2	7	40
L829500		<10	<1	0.09	10	0.66	432	<1	0.05	1	570	70	0.02	<2	5	37
L828001		<10	1	0.14	20	0.32	1200	3	0.01	1	580	1480	1.15	51	7	25
L828002		<10	<1	0.01	<10	11.50	201	<1	<0.01	<1	150	5	0.01	<2	<1	46
L828003		10	<1	0.11	10	0.73	389	1	0.09	1	600	11	<0.01	<2	5	45
L828004		10	<1	0.12	10	0.69	383	1	0.07	1	590	29	0.01	2	4	45
L828005		<10	<1	0.10	20	0.60	419	1	0.05	1	590	8	0.02	<2	5	39
L828006		<10	<1	0.11	20	0.54	562	1	0.01	1	580	8	0.18	3	9	58
L828007		<10	<1	0.10	20	0.60	441	<1	0.04	1	580	8	0.01	<2	6	55
L828008		10	2	0.28	10	1.14	604	46	0.31	311	660	8020	7.20	27	4	83
L828009		<10	1	0.20	20	0.60	366	2	0.08	3	560	25	0.01	2	4	49
L828010		<10	<1	0.31	20	0.52	1290	2	0.04	2	570	16	0.08	<2	6	53
L828011		<10	<1	0.13	20	0.58	481	2	0.05	2	560	9	0.01	<2	5	53
L828012		<10	1	0.35	10	0.59	3040	2	<0.01	2	490	384	1.71	7	4	44
L828013		<10	<1	0.23	20	0.63	2980	2	<0.01	3	550	231	0.77	7	6	60
L828014		<10	<1	0.20	10	0.53	1990	3	<0.01	2	440	2110	1.57	16	5	39
L828015		<10	<1	0.02	<10	11.95	207	<1	0.01	1	160	2	0.01	<2	<1	52
L828016		<10	<1	0.16	20	0.58	730	<1	0.02	1	580	97	0.13	3	7	68
L828017		<10	1	0.17	20	0.63	814	1	0.01	1	620	10	0.10	7	7	66
L828018		<10	<1	0.18	20	0.40	877	<1	0.01	<1	570	20	0.17	4	7	75
L828019		<10	<1	0.15	20	0.40	804	<1	0.01	1	540	9	0.13	5	7	82
L828020		<10	1	0.21	20	0.60	431	3	0.04	2	600	8	0.01	2	6	60
L828021		<10	<1	0.24	20	0.52	616	2	<0.01	2	570	13	0.02	3	9	74
L828022		<10	<1	0.29	20	0.56	603	2	0.01	3	570	33	0.06	<2	7	71
L828023		<10	1	0.25	20	0.63	1615	3	<0.01	1	530	37	0.35	6	7	52
L828024		<10	<1	0.18	20	2.17	1175	2	0.01	4	390	15	0.25	2	6	133
L828025		<10	<1	0.17	20	0.60	537	3	0.02	2	590	7	0.07	<2	7	63
L828026		<10	<1	0.46	30	0.44	708	2	0.01	2	620	64	0.26	5	7	61
L828027		<10	1	0.52	10	0.46	985	2	<0.01	<1	500	4140	5.63	153	5	35
L828028		<10	1	0.30	10	0.78	1375	2	<0.01	3	480	734	1.22	29	6	84
L828029		<10	1	0.29	20	0.57	954	2	0.01	3	560	211	1.52	<2	4	51
L828030		<10	2	0.22	10	1.12	605	48	0.30	311	670	8160	7.30	27	4	81
L828031		<10	1	0.15	20	0.66	615	2	0.02	3	610	83	0.07	4	7	62
L828032		<10	<1	0.14	20	0.43	1070	2	<0.01	3	570	167	0.48	4	7	38
L828033		<10	<1	0.21	20	0.65	1715	1	<0.01	2	490	344	0.91	11	5	57

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Finalized Date: 27- NOV- 2011
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Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11196873

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L829498		<20	<0.01	<10	<10	45	<10	274	1	
L829499		<20	0.03	<10	<10	54	<10	154	1	
L829500		<20	0.05	<10	<10	47	<10	177	1	
L828001		<20	<0.01	<10	<10	32	<10	3830	36	
L828002		<20	<0.01	<10	<10	1	<10	32	1	
L828003		<20	0.06	<10	<10	51	<10	101	<1	
L828004		<20	0.06	<10	<10	50	<10	192	1	
L828005		<20	0.04	<10	<10	48	<10	48	1	
L828006		<20	<0.01	<10	<10	39	<10	72	<1	
L828007		<20	0.01	<10	<10	44	<10	41	<1	
L828008		<20	0.06	<10	<10	318	<10	7650	31	
L828009		<20	0.08	<10	<10	48	<10	44	<1	
L828010		<20	0.03	<10	<10	39	<10	57	<1	
L828011		<20	0.03	<10	<10	44	<10	35	<1	
L828012		<20	<0.01	<10	<10	14	<10	348	4	
L828013		<20	<0.01	<10	<10	19	<10	194	2	
L828014		<20	<0.01	<10	<10	19	<10	955	6	
L828015		<20	<0.01	<10	<10	1	<10	14	1	
L828016		<20	<0.01	<10	<10	32	<10	192	1	
L828017		<20	<0.01	<10	<10	35	<10	75	1	
L828018		<20	<0.01	<10	<10	29	<10	74	1	
L828019		<20	<0.01	<10	<10	30	<10	62	<1	
L828020		<20	0.04	<10	<10	44	<10	49	1	
L828021		<20	0.01	<10	<10	38	<10	79	1	
L828022		<20	0.01	<10	<10	33	<10	64	1	
L828023		<20	<0.01	<10	<10	27	<10	97	1	
L828024		<20	<0.01	<10	<10	29	<10	35	<1	
L828025		<20	0.01	<10	<10	39	<10	37	1	
L828026		<20	0.03	<10	<10	37	<10	125	1	
L828027		<20	0.02	<10	<10	25	<10	>10000	37	1.585
L828028		<20	0.01	<10	<10	28	<10	5340	5	
L828029		<20	0.01	<10	<10	25	<10	721	2	
L828030		<20	0.05	<10	<10	308	<10	7600	31	
L828031		<20	0.01	<10	<10	40	<10	90	<1	
L828032		<20	<0.01	<10	<10	29	<10	359	1	
L828033		<20	<0.01	<10	<10	19	<10	1880	4	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196874

Project: Klaza DDH- 58

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11196874

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828996		7.34	0.007	0.5	1.41	8	<10	140	0.5	<2	2.96	7.5	6	7	13	2.81
L828997		11.84	0.024	1.1	1.38	12	<10	310	<0.5	3	1.93	1.8	6	10	52	2.96
L828998		9.66	<0.005	<0.2	1.34	4	<10	320	<0.5	<2	1.62	1.9	6	10	3	2.82
L828999		7.40	<0.005	<0.2	0.76	15	<10	880	0.5	<2	2.07	<0.5	6	5	1	1.86
L829000		3.53	0.015	0.6	0.69	7	<10	130	<0.5	2	2.66	4.6	4	7	6	1.32
K972851		2.81	0.007	0.2	0.95	9	<10	110	0.5	2	3.13	1.8	3	5	3	1.33
K972852		1.05	<0.005	<0.2	0.17	3	<10	40	<0.5	<2	18.3	<0.5	1	<1	<1	0.42
K972853		7.03	<0.005	<0.2	1.19	6	<10	470	<0.5	2	2.48	<0.5	4	8	2	2.08
K972854		11.33	<0.005	<0.2	0.94	6	<10	110	<0.5	<2	3.38	<0.5	4	6	<1	1.18
K972855		11.74	0.006	<0.2	1.32	10	<10	310	<0.5	2	2.97	2.7	3	7	1	2.19
K972856		4.65	<0.005	0.3	0.75	11	<10	80	0.5	<2	3.08	6.0	3	5	5	1.14
K972857		10.08	0.005	<0.2	1.09	14	<10	330	0.7	<2	3.89	0.7	4	7	3	1.20
K972858		10.12	<0.005	<0.2	1.11	6	<10	1130	0.5	2	4.07	<0.5	3	6	1	1.14
K972859		11.47	<0.005	<0.2	1.24	7	<10	440	<0.5	<2	3.00	<0.5	2	7	1	1.29
K972860		12.48	<0.005	<0.2	1.43	10	<10	730	<0.5	2	2.09	0.5	3	11	2	2.42
K972861		7.42	<0.005	<0.2	1.37	5	<10	420	<0.5	<2	2.85	<0.5	3	8	1	2.34
K972862		5.35	0.576	4.9	1.48	68	<10	120	0.5	4	3.03	145.5	4	6	103	3.00
K972863		1.40	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	18.7	<0.5	2	1	<1	0.46
K972864		12.61	0.007	<0.2	1.25	12	<10	550	<0.5	<2	2.27	1.9	4	9	2	2.66
K972865		12.93	0.012	<0.2	1.13	7	<10	210	<0.5	2	1.53	1.9	8	12	4	2.76
K972866		4.43	0.015	<0.2	1.07	42	<10	360	0.7	<2	2.40	<0.5	7	7	4	2.73
K972867		4.47	<0.005	<0.2	1.37	6	<10	250	0.7	2	2.34	<0.5	6	6	4	2.78
K972868		0.10	1.620	31.8	4.82	153	<10	20	<0.5	10	4.24	32.4	84	56	7300	7.82
K972869		11.71	0.007	<0.2	1.28	15	<10	200	0.7	3	3.43	<0.5	6	5	20	2.74
K972870		9.23	0.008	<0.2	0.87	26	<10	450	0.6	2	2.30	0.9	4	5	12	2.25
K972871		4.14	0.067	1.3	0.55	104	<10	160	0.6	3	1.42	4.2	8	3	14	3.88
K972872		4.28	0.028	<0.2	0.68	43	<10	120	0.6	<2	1.84	1.7	3	5	3	2.67
K972873		4.20	0.007	1.6	0.59	18	<10	170	0.5	2	3.12	<0.5	4	4	2	1.66
K972874		5.53	0.068	4.9	0.79	126	<10	180	0.6	6	2.30	5.6	4	4	73	2.67
K972875		8.71	0.006	0.2	0.82	20	<10	280	0.6	2	1.88	4.0	5	6	15	2.38
K972876		4.35	<0.005	<0.2	0.93	5	<10	180	0.5	<2	2.07	<0.5	6	7	3	2.21
K972877		8.12	<0.005	<0.2	1.09	3	<10	160	<0.5	<2	1.36	<0.5	7	9	5	2.54
K972878		4.79	<0.005	<0.2	1.15	5	<10	400	1.2	<2	3.78	<0.5	8	13	6	2.47
K972879		4.21	<0.005	<0.2	0.74	4	<10	1280	0.6	<2	4.69	<0.5	6	6	3	1.98
K972880		0.14	1.485	31.9	4.90	153	<10	30	<0.5	7	4.64	33.3	88	56	7320	8.02
K972881		13.76	<0.005	<0.2	1.17	5	<10	160	<0.5	<2	1.41	<0.5	7	10	23	2.50

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11196874

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828996		10	1	0.18	20	0.61	783	<1	0.04	<1	560	108	0.18	2	6	102
L828997		10	<1	0.22	20	0.67	766	<1	0.06	<1	600	47	0.15	2	5	76
L828998		10	<1	0.23	20	0.66	532	<1	0.09	<1	570	121	0.07	2	5	68
L828999		<10	<1	0.21	30	0.57	789	2	0.02	2	610	6	0.13	<2	6	62
L829000		<10	1	0.24	20	0.53	738	7	0.03	1	390	81	0.18	<2	4	64
K972851		<10	1	0.25	50	0.30	653	<1	0.04	<1	620	53	0.14	<2	6	64
K972852		<10	<1	0.14	<10	11.55	200	<1	0.01	<1	180	2	0.01	<2	<1	48
K972853		<10	1	0.14	40	0.63	482	<1	0.07	2	600	10	0.06	2	7	92
K972854		<10	<1	0.19	30	0.57	610	4	0.06	1	680	7	0.11	<2	6	72
K972855		<10	<1	0.19	30	0.73	794	<1	0.06	<1	580	209	0.19	<2	7	78
K972856		<10	<1	0.29	10	0.72	822	1	0.03	<1	570	231	0.15	<2	3	54
K972857		<10	1	0.28	10	0.41	788	13	0.03	2	750	72	0.23	<2	3	88
K972858		<10	<1	0.22	10	0.49	737	<1	0.04	<1	620	7	0.16	2	4	107
K972859		<10	1	0.15	30	0.63	621	<1	0.07	<1	610	10	0.06	<2	6	92
K972860		10	<1	0.13	20	0.78	534	<1	0.11	1	560	38	0.09	<2	7	106
K972861		10	<1	0.14	20	0.77	762	<1	0.06	1	570	7	0.06	2	7	86
K972862		10	<1	0.28	20	0.69	1145	<1	0.02	<1	550	627	1.27	4	5	77
K972863		<10	<1	0.02	<10	11.70	213	<1	0.02	<1	160	4	0.03	<2	<1	52
K972864		10	1	0.20	20	0.72	746	<1	0.06	1	570	66	0.19	<2	5	74
K972865		10	<1	0.18	20	0.63	444	1	0.10	1	580	29	0.08	<2	5	51
K972866		<10	<1	0.29	20	0.69	1510	<1	0.04	<1	570	56	0.36	2	7	75
K972867		<10	<1	0.15	30	0.64	469	1	0.03	<1	620	13	0.05	2	7	86
K972868		10	<1	0.23	10	1.08	621	44	0.33	318	660	8390	6.71	27	4	74
K972869		<10	<1	0.18	30	0.66	718	<1	0.01	<1	620	76	0.12	2	7	107
K972870		<10	1	0.23	10	0.66	1095	<1	0.01	<1	490	80	0.20	4	8	57
K972871		<10	1	0.32	10	0.46	5120	<1	0.01	<1	450	515	1.11	4	4	33
K972872		<10	<1	0.40	30	0.50	4510	<1	0.02	<1	570	213	0.44	2	4	44
K972873		<10	1	0.25	50	0.89	1225	<1	0.02	1	440	24	0.10	2	6	82
K972874		<10	<1	0.26	20	0.68	1460	<1	0.02	<1	520	219	1.25	13	6	55
K972875		<10	<1	0.17	30	0.32	691	<1	0.03	<1	560	26	0.26	4	7	58
K972876		<10	<1	0.16	30	0.35	524	<1	0.04	<1	560	7	0.06	4	7	61
K972877		10	<1	0.15	20	0.57	406	<1	0.09	1	570	9	0.03	2	5	51
K972878		10	<1	0.27	30	0.64	562	<1	0.03	4	1350	10	0.05	2	3	164
K972879		<10	<1	0.13	20	0.40	455	<1	0.02	1	640	9	0.05	3	7	132
K972880		10	1	0.23	10	1.09	631	46	0.33	323	670	8630	6.85	25	4	75
K972881		10	<1	0.16	20	0.59	407	<1	0.09	1	550	19	0.04	2	5	52

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11196874

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828996		<20	0.02	<10	<10	43	<10	489	<1
L828997		<20	0.04	<10	<10	49	<10	210	<1
L828998		20	0.06	<10	<10	51	<10	160	<1
L828999		<20	<0.01	<10	<10	29	<10	43	<1
L829000		<20	<0.01	<10	<10	18	<10	317	1
K972851		20	<0.01	<10	<10	22	<10	142	<1
K972852		<20	<0.01	<10	<10	2	<10	19	<1
K972853		<20	0.01	<10	<10	45	<10	41	<1
K972854		<20	<0.01	<10	<10	29	<10	34	<1
K972855		<20	<0.01	<10	<10	39	<10	250	1
K972856		<20	<0.01	<10	<10	10	<10	373	1
K972857		<20	<0.01	<10	<10	18	<10	82	<1
K972858		<20	<0.01	<10	<10	21	<10	31	<1
K972859		<20	<0.01	<10	<10	35	<10	38	<1
K972860		<20	0.04	<10	<10	53	<10	65	<1
K972861		<20	0.01	<10	<10	48	<10	45	<1
K972862		<20	<0.01	<10	<10	33	30	9390	5
K972863		<20	<0.01	<10	<10	2	<10	45	<1
K972864		<20	0.03	<10	<10	45	<10	197	<1
K972865		<20	0.07	<10	<10	54	<10	148	<1
K972866		<20	<0.01	<10	<10	37	<10	76	<1
K972867		<20	<0.01	<10	<10	45	<10	50	<1
K972868		<20	0.05	<10	10	308	20	7870	31
K972869		<20	<0.01	<10	<10	37	<10	82	<1
K972870		<20	<0.01	<10	<10	30	<10	119	<1
K972871		<20	<0.01	<10	10	13	<10	429	1
K972872		<20	<0.01	<10	10	11	<10	205	1
K972873		<20	<0.01	<10	<10	20	<10	61	2
K972874		<20	<0.01	<10	<10	20	<10	477	4
K972875		<20	<0.01	<10	<10	34	<10	465	1
K972876		<20	0.01	<10	<10	37	<10	34	<1
K972877		<20	0.08	<10	<10	49	<10	28	<1
K972878		<20	0.02	<10	<10	38	<10	83	<1
K972879		<20	0.01	<10	<10	36	<10	24	<1
K972880		<20	0.05	<10	10	317	20	8070	33
K972881		<20	0.08	<10	<10	52	<10	54	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196875

Project: Klaza DDH 44

P.O. No.: Batch 7

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11196875

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828931		13.28	<0.005	0.2	0.96	4	<10	330	<0.5	2	1.29	<0.5	6	9	6	2.55
L828932		7.46	0.114	1.0	0.38	701	<10	180	0.6	2	1.99	0.9	5	4	15	3.69
L828933		2.60	<0.005	<0.2	0.04	2	<10	10	<0.5	<2	17.9	<0.5	<1	1	1	0.44
L828934		12.50	0.029	0.6	0.37	154	<10	120	0.6	2	2.61	1.2	6	2	8	2.71
L828935		5.06	0.105	5.4	0.38	99	<10	50	0.5	4	2.14	12.6	5	2	87	3.13
L828936		5.09	0.008	0.2	0.62	7	<10	80	<0.5	3	1.90	<0.5	6	7	7	2.67
L828937		2.45	0.008	0.3	0.60	10	<10	80	<0.5	2	1.95	<0.5	7	4	8	2.76
L828938		11.88	<0.005	<0.2	0.92	8	<10	580	<0.5	<2	1.09	<0.5	5	9	8	2.51
L828939		11.06	<0.005	0.2	0.80	7	<10	300	<0.5	<2	1.68	<0.5	6	7	10	2.48
L828940		0.16	1.410	30.8	4.46	137	<10	50	<0.5	6	4.28	29.5	79	53	6600	7.58
L828941		6.03	0.038	0.5	0.36	79	<10	330	0.5	<2	4.03	0.9	6	3	27	2.79
L828942		7.89	0.014	0.5	0.50	19	<10	390	0.5	<2	2.00	<0.5	6	4	12	2.33
L828943		6.16	0.005	0.2	0.70	12	<10	250	<0.5	<2	1.27	<0.5	5	7	8	2.37
L828944		1.90	0.177	1.7	0.55	193	<10	70	<0.5	4	1.64	20.9	7	5	16	4.00
L828945		6.45	0.007	0.3	0.81	9	<10	370	<0.5	<2	1.42	0.9	5	7	5	2.46
L828946		5.90	0.008	0.6	0.64	15	<10	80	<0.5	3	1.44	6.0	5	4	8	2.77
L828947		5.62	0.442	11.8	0.31	1570	<10	20	0.5	13	1.35	10.6	7	2	38	3.67
L828948		2.24	<0.005	<0.2	0.03	3	<10	20	<0.5	<2	16.9	<0.5	<1	1	1	0.42
L828949		5.61	0.948	20.8	0.29	4210	<10	20	<0.5	7	1.16	40.3	6	2	78	5.82
L828950		9.74	0.007	0.4	0.67	32	<10	560	0.8	<2	2.53	0.7	7	4	17	2.82
L828951		9.25	0.013	0.3	0.58	17	<10	690	0.6	<2	2.32	0.6	7	4	16	2.69
L828952		3.26	0.079	1.8	0.37	287	<10	30	0.7	<2	2.78	6.9	7	2	30	3.02
L828953		7.24	0.784	6.0	0.32	4990	<10	20	0.6	6	1.77	43.8	8	2	62	5.16
L828954		6.17	0.264	4.2	0.32	1315	<10	30	0.6	3	2.42	39.0	7	2	64	3.47
L828955		10.61	0.016	0.6	0.43	53	<10	830	1.0	<2	2.40	1.4	5	8	17	1.96
L828956		3.86	0.196	2.7	0.46	626	<10	40	0.6	<2	3.00	8.0	5	2	20	3.49
L828957		10.20	0.023	0.6	0.60	57	<10	90	0.5	<2	2.18	1.4	6	5	7	2.87
L828958		8.33	<0.005	0.2	1.19	4	<10	410	0.5	<2	1.09	<0.5	5	8	6	2.95
L828959		5.12	0.005	0.2	1.11	5	<10	360	<0.5	<2	1.31	<0.5	8	8	10	2.84

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VANCOUVER BC V6B 1L8

Finalized Date: 30- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11196875

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828931		<10	<1	0.14	20	0.65	450	<1	0.07	<1	550	7	0.43	<2	5	78
L828932		<10	<1	0.26	10	0.56	1400	<1	0.02	<1	510	99	1.49	2	4	107
L828933		<10	<1	0.02	<10	11.15	200	<1	0.02	<1	180	<2	0.01	<2	<1	44
L828934		<10	<1	0.22	20	0.69	1175	<1	0.02	<1	510	62	1.52	2	4	131
L828935		<10	<1	0.25	10	0.60	1475	5	0.02	<1	480	646	2.50	19	4	91
L828936		<10	<1	0.20	20	0.61	618	<1	0.05	<1	610	10	1.26	<2	5	194
L828937		<10	<1	0.19	20	0.63	642	<1	0.05	<1	660	9	1.33	<2	5	245
L828938		<10	<1	0.15	20	0.66	458	<1	0.07	<1	570	8	0.30	<2	5	74
L828939		<10	<1	0.15	20	0.56	557	<1	0.05	1	550	12	0.58	<2	5	89
L828940		10	1	0.23	10	1.05	568	45	0.33	284	620	7470	6.60	24	4	71
L828941		<10	<1	0.22	20	1.08	4450	1	0.04	2	560	53	0.73	5	5	163
L828942		<10	<1	0.22	20	0.58	760	<1	0.04	<1	520	24	0.69	2	5	120
L828943		<10	<1	0.18	20	0.55	493	<1	0.07	<1	530	17	0.38	<2	5	72
L828944		<10	<1	0.21	10	0.51	1980	<1	0.04	<1	510	196	2.68	2	4	64
L828945		<10	<1	0.18	20	0.60	925	<1	0.06	<1	540	41	0.34	<2	5	101
L828946		<10	<1	0.24	20	0.47	663	<1	0.04	<1	510	120	1.54	<2	3	123
L828947		<10	<1	0.22	10	0.33	2150	<1	0.02	<1	430	2040	3.61	14	2	65
L828948		<10	<1	0.02	<10	10.70	194	<1	0.01	1	150	3	0.02	<2	<1	41
L828949		<10	<1	0.25	10	0.32	2320	6	0.01	2	450	4910	5.45	35	2	50
L828950		<10	<1	0.21	20	0.72	855	<1	0.03	1	610	35	0.39	4	8	161
L828951		<10	<1	0.19	20	0.67	954	<1	0.03	1	610	25	0.43	2	7	123
L828952		<10	<1	0.24	10	0.69	2110	<1	0.01	1	560	234	2.04	7	4	146
L828953		<10	<1	0.23	10	0.47	2190	<1	0.01	2	500	1050	4.74	13	3	102
L828954		<10	<1	0.25	10	0.69	2610	1	0.01	3	560	931	3.01	11	3	127
L828955		<10	1	0.24	10	0.85	829	<1	0.03	15	440	41	0.20	3	4	254
L828956		<10	<1	0.22	20	0.72	2080	<1	0.02	1	500	301	2.16	7	4	158
L828957		<10	<1	0.23	20	0.64	1030	<1	0.04	1	560	77	1.34	<2	5	230
L828958		<10	<1	0.12	20	0.71	513	<1	0.07	1	600	18	0.47	<2	4	143
L828959		<10	<1	0.13	20	0.75	584	<1	0.06	1	590	20	0.95	<2	4	87

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Finalized Date: 30- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11196875

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828931		<20	0.05	<10	<10	46	<10	35	<1
L828932		<20	<0.01	<10	<10	15	<10	93	1
L828933		<20	<0.01	<10	<10	1	<10	14	<1
L828934		<20	<0.01	<10	<10	15	<10	109	1
L828935		<20	<0.01	<10	<10	11	<10	890	5
L828936		<20	0.01	<10	<10	28	<10	36	1
L828937		<20	0.01	<10	<10	30	<10	37	<1
L828938		<20	0.09	<10	<10	51	<10	33	<1
L828939		<20	0.03	<10	<10	38	<10	37	1
L828940		<20	0.05	<10	<10	299	<10	7170	29
L828941		<20	<0.01	<10	<10	16	<10	99	1
L828942		<20	0.01	<10	<10	25	<10	46	<1
L828943		<20	0.04	<10	<10	38	<10	38	1
L828944		<20	0.02	<10	<10	25	<10	1475	1
L828945		<20	0.03	<10	<10	39	<10	86	<1
L828946		<20	0.01	<10	<10	24	<10	410	1
L828947		<20	<0.01	<10	<10	4	<10	772	12
L828948		<20	<0.01	<10	<10	1	<10	14	<1
L828949		<20	<0.01	<10	<10	4	<10	2700	19
L828950		<20	0.01	<10	<10	34	<10	68	<1
L828951		<20	0.01	<10	<10	31	<10	60	<1
L828952		<20	<0.01	<10	<10	7	<10	491	<1
L828953		<20	<0.01	<10	<10	7	<10	2840	5
L828954		<20	<0.01	<10	<10	4	<10	2490	3
L828955		<20	<0.01	<10	<10	24	<10	130	<1
L828956		<20	<0.01	<10	<10	12	<10	596	1
L828957		<20	0.01	<10	<10	24	<10	110	<1
L828958		<20	0.09	<10	<10	52	<10	45	<1
L828959		<20	0.07	<10	<10	45	<10	46	<1

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1016 - 510 W HASTINGS STREET
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Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196876

Project: Klaza DDH 60

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- NOV- 2011
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CERTIFICATE OF ANALYSIS WH11196876

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976255		2.35	<0.005	0.3	0.77	10	<10	920	0.9	<2	2.24	1.2	7	5	10	2.56
K976256		4.58	2.03	7.4	0.46	6090	<10	10	<0.5	10	0.24	39.4	7	5	58	6.59
K976257		4.58	<0.005	0.2	0.05	8	<10	20	<0.5	<2	18.2	<0.5	3	1	2	0.47
K976258		7.89	0.007	0.2	0.82	19	<10	420	<0.5	<2	2.03	0.7	7	8	2	2.31
K976259		3.89	3.43	93.7	0.52	1150	<10	10	<0.5	168	1.21	362	10	5	1370	7.18
K976260		5.91	<0.005	0.3	0.05	3	<10	10	<0.5	<2	18.1	0.6	3	1	3	0.45
K976261		10.73	<0.005	0.5	0.83	6	<10	350	<0.5	<2	2.12	1.4	6	8	4	2.29
K976262		9.91	<0.005	0.2	0.94	5	<10	220	<0.5	<2	2.10	0.7	6	9	3	2.02
K976263		6.94	<0.005	0.2	0.78	9	<10	360	<0.5	<2	2.38	<0.5	5	10	2	1.51
K976264		10.11	<0.005	0.2	1.06	8	<10	530	<0.5	<2	1.84	<0.5	5	10	2	2.33
K976265		0.14	1.655	32.3	4.95	140	<10	40	<0.5	11	4.56	31.9	82	56	6990	8.30
K976266		4.26	0.123	10.0	0.42	74	<10	110	<0.5	18	1.90	8.1	7	7	28	2.68
K976267		5.59	0.009	1.6	0.82	16	<10	350	<0.5	<2	2.68	10.5	7	9	7	2.43
K976268		6.31	<0.005	<0.2	1.07	5	<10	250	<0.5	<2	1.14	<0.5	7	11	3	2.58
K976269		7.84	<0.005	0.2	1.01	4	<10	420	<0.5	<2	1.50	0.7	7	10	4	2.28
K976270		8.26	<0.005	0.5	0.88	4	<10	430	<0.5	<2	2.47	3.2	8	8	4	1.73
K976271		7.22	<0.005	0.3	0.78	6	<10	450	<0.5	<2	2.06	0.5	6	8	2	2.00
K976272		6.70	0.024	0.7	0.51	17	<10	460	<0.5	<2	1.94	3.0	6	5	3	2.70
K976273		0.18	3.12	>100	0.18	>10000	<10	10	<0.5	<2	0.39	315	2	9	1505	13.1
K976274		6.10	<0.005	1.1	0.52	57	<10	500	<0.5	<2	2.44	0.7	9	6	3	1.96
K976275		8.58	<0.005	0.3	0.71	12	<10	680	<0.5	<2	2.15	<0.5	8	8	2	2.26
K976276		8.45	<0.005	0.3	0.62	8	<10	600	<0.5	<2	2.22	0.7	10	8	2	2.10
K976277		8.85	0.057	1.4	0.54	46	<10	370	<0.5	<2	2.18	19.9	7	5	32	2.38
K976278		12.06	<0.005	0.2	0.86	7	<10	520	<0.5	<2	2.00	<0.5	7	8	3	2.30
K976279		5.09	<0.005	<0.2	1.00	5	<10	330	<0.5	<2	1.24	<0.5	7	12	3	2.45
K976280		12.19	0.007	0.3	0.67	46	<10	580	<0.5	<2	2.22	1.4	7	7	3	2.20
K976281		6.17	0.284	2.3	0.51	535	<10	40	0.5	2	3.49	16.1	7	6	19	3.39
K976282		12.12	0.005	0.3	0.65	15	<10	690	0.6	<2	1.47	0.5	6	6	5	2.22
K976283		5.78	<0.005	0.2	0.81	7	<10	1040	0.5	<2	2.25	<0.5	7	7	3	2.43
K976284		2.92	<0.005	0.2	0.81	8	<10	530	0.5	<2	2.15	<0.5	6	6	4	2.36
K976285		9.23	<0.005	<0.2	0.91	5	<10	310	<0.5	<2	1.81	<0.5	5	11	5	2.61
K976286		12.03	<0.005	<0.2	0.99	4	<10	170	<0.5	<2	1.64	0.6	4	9	5	2.53
K976287		12.90	<0.005	<0.2	1.02	4	<10	190	<0.5	<2	1.32	<0.5	4	11	6	2.44
K976288		4.30	0.048	1.0	0.55	38	<10	710	0.5	<2	3.12	20.4	4	5	22	2.39
K976289		8.08	<0.005	<0.2	1.06	8	<10	300	<0.5	<2	1.61	<0.5	4	11	5	2.61
K976290		12.35	0.007	0.2	1.08	8	<10	300	<0.5	<2	1.32	<0.5	4	13	9	2.38

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CERTIFICATE OF ANALYSIS WH11196876

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976255		<10	<1	0.32	20	0.96	790	<1	0.02	4	1290	45	0.07	3	4	202
K976256		<10	<1	0.34	10	0.10	847	4	0.01	1	470	980	6.54	14	1	8
K976257		<10	<1	0.03	<10	11.90	213	<1	0.01	<1	170	5	0.03	<2	<1	47
K976258		<10	<1	0.28	20	0.65	680	2	0.05	<1	550	24	0.25	<2	5	77
K976259		<10	1	0.33	10	0.39	1100	2	0.02	1	410	1275	7.94	49	2	38
K976260		<10	<1	0.03	<10	11.95	200	<1	0.02	<1	200	4	0.03	<2	<1	44
K976261		<10	<1	0.24	20	0.62	660	2	0.04	1	560	208	0.15	2	6	80
K976262		<10	<1	0.29	20	0.53	698	2	0.04	1	500	48	0.14	2	4	63
K976263		<10	<1	0.28	20	0.51	602	2	0.03	1	440	29	0.21	2	3	70
K976264		10	<1	0.20	20	0.66	413	2	0.07	2	600	12	0.07	2	6	64
K976265		10	1	0.23	10	1.16	629	45	0.32	312	680	8350	7.31	25	4	77
K976266		<10	<1	0.28	10	0.43	1090	1	0.01	1	380	319	1.21	3	3	62
K976267		<10	<1	0.35	20	0.58	1170	1	0.02	1	500	459	0.58	2	4	91
K976268		<10	<1	0.15	20	0.64	337	1	0.09	1	560	12	0.06	2	4	46
K976269		<10	<1	0.19	20	0.60	359	1	0.07	1	530	20	0.11	2	5	61
K976270		<10	<1	0.30	20	0.53	578	2	0.04	1	480	100	0.25	<2	4	83
K976271		<10	<1	0.26	20	0.55	483	1	0.05	1	520	31	0.18	<2	4	84
K976272		<10	<1	0.37	20	0.54	2830	1	0.02	1	440	62	0.33	2	3	53
K976273		<10	1	0.07	<10	0.17	1415	1	0.01	9	130	>10000	>10.0	526	1	19
K976274		<10	<1	0.30	20	0.55	621	1	0.03	1	460	43	0.30	3	5	89
K976275		<10	<1	0.25	30	0.57	446	1	0.05	1	550	13	0.15	2	6	96
K976276		<10	<1	0.27	20	0.51	512	1	0.04	2	500	30	0.21	2	5	91
K976277		<10	<1	0.34	20	0.62	1535	1	0.01	1	430	368	0.68	3	3	60
K976278		<10	<1	0.25	20	0.57	467	1	0.06	1	530	9	0.15	2	5	90
K976279		<10	<1	0.17	20	0.61	334	1	0.09	2	530	10	0.07	2	5	54
K976280		<10	<1	0.29	20	0.61	605	2	0.04	1	530	66	0.26	<2	5	86
K976281		<10	<1	0.34	10	1.21	2480	5	0.01	<1	450	406	1.79	6	3	74
K976282		<10	<1	0.21	30	0.44	481	2	0.02	1	560	29	0.14	2	6	59
K976283		<10	<1	0.22	30	0.54	534	2	0.04	1	530	8	0.12	3	7	88
K976284		<10	<1	0.21	30	0.47	493	2	0.03	1	560	8	0.12	3	7	73
K976285		<10	<1	0.17	20	0.56	430	1	0.08	2	560	8	0.05	<2	6	74
K976286		<10	<1	0.15	30	0.59	389	2	0.07	1	570	9	0.04	<2	6	62
K976287		<10	<1	0.16	20	0.55	357	3	0.09	1	550	8	0.03	<2	4	51
K976288		<10	<1	0.31	20	0.70	950	15	0.04	<1	540	99	0.45	<2	4	121
K976289		<10	<1	0.17	20	0.63	452	2	0.09	2	580	9	0.07	<2	5	74
K976290		<10	<1	0.14	20	0.57	345	3	0.07	1	560	12	0.08	<2	3	49

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11196876

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K976255		<20	<0.01	<10	<10	18	<10	126	<1		
K976256		<20	<0.01	<10	<10	5	<10	2540	7		
K976257		<20	<0.01	<10	<10	2	<10	18	<1		
K976258		<20	0.01	<10	<10	32	<10	78	<1		
K976259		<20	<0.01	<10	<10	14	10	>10000	91		2.35
K976260		<20	<0.01	<10	<10	1	<10	48	<1		
K976261		<20	0.01	<10	<10	36	<10	128	<1		
K976262		<20	0.01	<10	<10	29	<10	74	<1		
K976263		<20	<0.01	<10	<10	21	<10	43	<1		
K976264		<20	0.04	<10	<10	45	<10	40	<1		
K976265		<20	0.06	<10	<10	310	<10	7220	31		
K976266		<20	<0.01	<10	<10	15	<10	762	9		
K976267		<20	<0.01	<10	<10	21	<10	890	1		
K976268		<20	0.11	<10	<10	52	<10	32	<1		
K976269		<20	0.05	<10	<10	44	<10	77	<1		
K976270		<20	<0.01	<10	<10	25	<10	239	<1		
K976271		<20	0.01	<10	<10	31	<10	58	<1		
K976272		<20	<0.01	<10	<10	12	<10	269	<1		
K976273		<20	<0.01	<10	<10	7	140	>10000	415	2.99	3.41
K976274		<20	<0.01	<10	<10	20	<10	73	<1		
K976275		<20	0.01	<10	<10	32	<10	41	<1		
K976276		<20	<0.01	<10	<10	26	<10	72	<1		
K976277		<20	<0.01	<10	<10	13	<10	1310	<1		
K976278		<20	0.01	<10	<10	35	<10	36	<1		
K976279		<20	0.07	<10	<10	47	<10	31	<1		
K976280		<20	<0.01	<10	<10	29	<10	124	<1		
K976281		<20	<0.01	<10	<10	12	<10	1145	1		
K976282		<20	<0.01	<10	<10	31	<10	56	<1		
K976283		<20	<0.01	<10	<10	37	<10	40	<1		
K976284		<20	<0.01	<10	<10	37	<10	36	<1		
K976285		<20	0.03	<10	<10	47	<10	31	<1		
K976286		<20	0.02	<10	<10	45	<10	53	<1		
K976287		<20	0.08	<10	<10	48	<10	26	<1		
K976288		<20	<0.01	<10	<10	20	<10	1250	<1		
K976289		<20	0.09	<10	<10	51	<10	29	<1		
K976290		<20	0.10	<10	<10	48	<10	31	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196877

Project: Klaza DDH 62

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza DDH 62

CERTIFICATE OF ANALYSIS WH11196877

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973720		13.01	0.008	0.3	0.96	9	<10	260	<0.5	<2	2.23	0.7	2	10	26	2.73
K973721		6.98	<0.005	<0.2	1.11	7	<10	230	<0.5	<2	2.02	<0.5	1	11	14	2.69
K973722		7.71	0.152	0.2	0.98	13	<10	370	<0.5	<2	3.18	0.7	1	6	12	2.46
K973723		5.37	0.145	6.1	0.91	113	<10	130	0.6	6	2.60	104.5	9	5	66	6.50
K973724		10.57	0.030	0.7	0.67	25	<10	240	0.6	<2	2.69	6.7	1	5	19	3.87
K973725		4.12	0.239	1.6	0.48	168	<10	170	0.5	2	2.43	1.7	<1	3	46	6.82
K973726		0.94	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.5	<0.5	1	<1	<1	0.40
K973727		9.61	0.034	0.9	0.87	36	<10	320	0.6	<2	2.75	5.8	1	5	52	4.01
K973728		8.47	<0.005	<0.2	0.96	7	<10	230	<0.5	4	1.94	0.8	6	10	6	2.40
K973729		13.46	<0.005	<0.2	0.96	3	<10	270	<0.5	3	1.60	0.6	5	12	9	2.50
K973730		13.28	<0.005	0.2	0.95	9	<10	180	<0.5	4	1.47	4.3	6	10	6	2.62
K973731		0.25	1.570	30.3	4.52	142	<10	20	<0.5	35	4.33	32.1	82	55	6940	7.71
K973732		12.71	<0.005	<0.2	1.03	6	<10	160	0.5	3	1.23	0.7	6	9	24	2.68
K973733		10.12	<0.005	<0.2	0.96	4	<10	120	<0.5	3	1.38	0.8	6	11	7	2.57
K973734		4.83	0.014	0.5	0.69	43	<10	530	0.6	5	3.02	5.3	4	5	13	3.23
K973735		11.24	<0.005	<0.2	0.80	5	<10	220	0.6	4	2.41	0.6	4	7	2	2.14
K973736		9.67	0.015	0.3	0.71	35	<10	260	0.6	4	2.36	4.1	3	6	11	1.92
K973737		4.85	0.185	4.3	0.49	991	<10	40	0.6	9	2.28	8.1	5	5	113	4.10
K973738		1.74	<0.005	<0.2	0.04	6	<10	<10	<0.5	2	18.7	<0.5	2	<1	2	0.38
K973739		7.28	0.029	1.1	0.50	68	<10	250	0.6	<2	2.05	8.8	6	5	34	3.25
K973740		4.66	0.014	1.1	0.56	98	<10	200	0.6	<2	2.64	3.8	7	4	34	2.70
K973741		5.10	<0.005	0.3	1.01	7	<10	210	0.5	<2	1.73	1.7	4	8	5	2.72
K973742		5.22	0.007	0.6	0.48	96	<10	250	0.7	<2	2.70	5.7	6	4	13	2.30
K973743		5.64	0.007	0.5	1.38	19	<10	120	0.8	<2	2.20	<0.5	8	5	37	3.31
K973744		4.52	0.146	6.3	0.59	193	<10	130	0.7	9	2.42	6.5	6	5	335	3.87
K973745		13.00	<0.005	0.2	0.79	20	<10	380	<0.5	<2	1.67	<0.5	5	8	5	2.55
K973746		8.93	0.012	0.5	0.69	78	<10	410	0.6	<2	2.44	4.7	6	7	11	2.61
K973747		4.59	0.076	11.2	0.58	190	<10	300	0.6	15	2.11	2.1	7	5	241	3.47
K973748		1.53	0.079	12.2	0.65	169	<10	320	0.6	17	2.11	1.4	6	5	269	3.15
K973749		15.27	<0.005	0.3	0.93	10	<10	220	<0.5	<2	1.56	<0.5	6	9	7	2.74
K973750		0.17	1.500	31.1	4.90	142	<10	40	<0.5	8	4.26	31.2	79	54	6930	8.14
K973751		14.16	<0.005	0.2	0.96	4	<10	300	<0.5	<2	1.50	<0.5	4	10	14	2.46
K973752		3.93	1.060	5.6	0.48	249	<10	110	<0.5	6	2.55	9.6	12	5	293	3.80
K973753		11.83	0.032	0.5	0.55	86	<10	740	0.8	4	2.74	2.3	4	5	8	2.50
K973754		7.77	<0.005	<0.2	0.59	11	<10	300	0.6	3	2.08	2.2	4	6	7	2.56
K973755		9.57	<0.005	<0.2	0.82	5	<10	360	<0.5	3	1.69	0.7	4	10	4	2.46

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 62

CERTIFICATE OF ANALYSIS WH11196877

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973720		<10	<1	0.16	20	0.73	650	2	0.09	1	650	21	0.14	2	7	89
K973721		<10	<1	0.16	10	0.71	516	2	0.10	2	580	10	0.06	<2	7	86
K973722		<10	1	0.23	10	0.65	804	2	0.06	<1	2200	19	0.16	<2	7	97
K973723		<10	1	0.27	10	1.24	2680	3	0.03	<1	1930	1425	2.44	<2	8	105
K973724		<10	1	0.22	10	1.02	1905	2	0.03	<1	540	81	0.37	<2	7	125
K973725		<10	1	0.31	10	0.92	5380	4	0.03	<1	400	40	1.75	8	4	60
K973726		<10	1	0.02	<10	12.10	200	2	0.03	2	290	<2	0.02	<2	<1	52
K973727		<10	<1	0.23	10	0.75	2050	2	0.04	<1	600	65	0.31	5	6	84
K973728		<10	<1	0.18	20	0.71	587	2	0.08	4	560	13	0.03	<2	6	78
K973729		<10	1	0.16	20	0.69	450	3	0.08	3	570	11	0.03	3	6	64
K973730		<10	<1	0.17	20	0.61	464	1	0.07	2	540	60	0.11	<2	6	59
K973731		10	<1	0.24	<10	1.08	579	45	0.32	302	630	7970	6.88	24	4	74
K973732		<10	<1	0.14	20	0.57	394	1	0.05	4	570	21	0.03	2	6	50
K973733		10	1	0.14	20	0.68	429	4	0.07	3	560	12	0.01	3	5	57
K973734		<10	<1	0.33	20	0.48	2420	6	0.03	2	550	46	0.52	2	5	76
K973735		<10	<1	0.23	30	0.73	573	1	0.04	1	570	10	0.05	<2	6	85
K973736		<10	1	0.26	20	0.42	554	3	0.04	2	520	46	0.18	3	6	79
K973737		<10	<1	0.31	10	0.74	2070	2	0.01	4	440	132	2.65	25	5	64
K973738		<10	<1	0.02	<10	11.80	186	<1	0.02	1	200	2	0.02	<2	<1	51
K973739		<10	<1	0.28	20	0.71	1350	1	0.01	<1	510	316	0.98	8	6	65
K973740		<10	<1	0.36	20	0.73	1330	1	0.01	1	530	191	1.31	7	4	106
K973741		<10	<1	0.17	20	0.61	537	2	0.06	1	560	35	0.11	2	6	85
K973742		<10	<1	0.29	10	0.82	898	1	0.02	1	560	88	0.42	3	6	108
K973743		<10	<1	0.23	20	0.58	703	1	0.02	1	590	26	0.51	4	6	90
K973744		<10	<1	0.29	10	0.63	1600	3	0.01	1	530	126	1.93	12	5	88
K973745		<10	<1	0.17	20	0.61	513	3	0.06	2	580	10	0.06	2	7	92
K973746		<10	<1	0.25	20	0.76	724	1	0.04	1	570	32	0.20	2	6	139
K973747		<10	<1	0.26	20	0.65	1530	1	0.03	2	610	137	0.77	23	6	95
K973748		<10	<1	0.27	20	0.63	1215	1	0.03	1	590	121	0.63	20	6	99
K973749		<10	<1	0.16	20	0.66	693	1	0.07	1	570	14	0.06	3	6	72
K973750		10	1	0.22	10	1.08	609	43	0.32	306	660	8070	7.17	21	4	80
K973751		<10	<1	0.17	20	0.61	415	1	0.09	2	560	22	0.04	<2	6	68
K973752		<10	<1	0.30	10	0.51	1475	1	0.02	1	530	164	2.46	4	4	67
K973753		<10	<1	0.32	20	0.77	1430	1	0.03	3	540	39	0.39	<2	6	110
K973754		<10	<1	0.24	20	0.56	856	1	0.03	2	590	23	0.14	2	7	85
K973755		<10	1	0.18	20	0.63	483	1	0.08	3	560	13	0.03	<2	6	83

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CERTIFICATE OF ANALYSIS WH11196877

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973720		<20	0.01	<10	<10	46	<10	90	<1
K973721		<20	0.02	<10	<10	44	<10	51	<1
K973722		<20	<0.01	<10	<10	31	<10	97	<1
K973723		<20	<0.01	<10	<10	65	10	6600	4
K973724		<20	<0.01	<10	<10	27	<10	509	<1
K973725		<20	<0.01	<10	<10	16	<10	206	<1
K973726		<20	<0.01	<10	<10	2	<10	13	<1
K973727		<20	<0.01	<10	<10	25	<10	452	<1
K973728		20	0.02	<10	<10	45	<10	45	<1
K973729		<20	0.05	<10	<10	50	<10	39	<1
K973730		<20	0.04	<10	<10	45	<10	269	<1
K973731		<20	0.05	<10	<10	310	<10	7380	33
K973732		<20	0.02	<10	<10	46	<10	57	2
K973733		<20	0.04	<10	<10	48	<10	32	<1
K973734		<20	<0.01	<10	<10	22	<10	424	<1
K973735		20	<0.01	<10	<10	32	<10	39	<1
K973736		20	<0.01	<10	<10	26	<10	357	<1
K973737		<20	<0.01	<10	<10	18	<10	635	2
K973738		<20	<0.01	<10	10	1	<10	17	<1
K973739		<20	<0.01	<10	<10	24	<10	707	<1
K973740		<20	<0.01	<10	<10	18	<10	291	<1
K973741		<20	0.01	<10	<10	38	<10	136	<1
K973742		<20	<0.01	<10	<10	24	<10	393	<1
K973743		<20	0.01	<10	<10	33	<10	47	<1
K973744		<20	<0.01	<10	<10	19	<10	635	5
K973745		<20	0.01	<10	<10	40	<10	33	<1
K973746		<20	<0.01	<10	<10	31	<10	324	<1
K973747		<20	<0.01	<10	<10	28	<10	175	9
K973748		<20	<0.01	<10	<10	32	<10	110	10
K973749		<20	0.02	<10	<10	44	<10	42	1
K973750		<20	0.05	<10	<10	304	<10	7450	30
K973751		<20	0.04	<10	<10	46	<10	47	<1
K973752		<20	<0.01	<10	<10	12	30	813	3
K973753		<20	<0.01	<10	<10	20	<10	194	<1
K973754		<20	<0.01	<10	<10	30	<10	159	<1
K973755		<20	0.03	<10	<10	45	<10	45	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11196878

Project: Klaza DDH 60

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11196878

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976291		11.91	<0.005	<0.2	1.21	7	<10	290	<0.5	<2	1.59	<0.5	5	12	11	2.72
K976292		5.03	0.011	<0.2	0.95	10	<10	850	<0.5	<2	2.05	<0.5	6	7	3	2.92
K976293		4.63	0.068	1.4	0.68	96	<10	210	0.7	2	2.01	15.3	5	5	30	3.25
K976294		0.17	1.625	33.8	4.97	143	<10	30	<0.5	18	4.56	32.4	81	56	7290	8.20
K976295		4.51	<0.005	0.3	0.72	4	<10	580	0.6	<2	2.27	<0.5	5	6	7	2.59
K976296		11.15	0.009	0.3	0.70	39	<10	530	0.7	<2	2.62	2.7	4	6	14	2.71
K976297		9.80	0.021	0.7	0.66	56	<10	370	0.6	<2	2.30	2.7	5	4	9	2.74
K976298		3.23	0.298	6.8	0.44	508	<10	<10	<0.5	6	0.91	36.3	5	3	131	6.14
K976299		5.16	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	19.4	<0.5	1	<1	3	0.47
K976300		4.26	0.011	0.5	0.65	36	<10	390	0.7	<2	2.34	4.5	3	4	16	3.37
K976301		8.83	0.005	0.3	0.94	21	<10	450	0.5	<2	1.82	1.1	5	8	6	2.48
K976302		8.95	<0.005	<0.2	0.61	5	<10	530	0.6	<2	2.44	<0.5	5	7	3	2.59
K976303		3.01	0.030	0.6	0.79	24	<10	160	0.6	2	2.31	9.6	3	4	24	2.95
K976304		4.30	0.039	1.5	0.59	31	<10	470	0.5	<2	2.06	29.9	5	4	22	2.87
K976305		10.26	0.009	0.4	0.64	11	<10	1290	0.7	<2	2.89	0.8	6	4	5	2.58
K976306		7.96	0.021	0.2	0.68	6	<10	1330	0.6	<2	1.79	1.5	5	5	11	2.66
K976307		4.48	0.008	0.4	0.70	6	<10	2390	0.6	2	1.64	0.5	5	4	2	2.26
K976308		8.42	<0.005	<0.2	0.75	7	<10	720	0.7	<2	2.27	0.5	5	5	2	2.63
K976309		13.31	<0.005	<0.2	1.11	4	<10	220	0.5	<2	1.65	<0.5	6	7	4	2.57
K976310		8.86	0.013	0.2	0.74	23	<10	610	0.7	<2	2.44	<0.5	5	7	4	2.55
K976311		8.89	<0.005	<0.2	0.98	4	<10	270	0.5	2	1.84	<0.5	6	8	7	2.58
K976312		2.54	0.099	1.8	0.60	130	<10	150	0.6	<2	1.91	62.7	7	5	58	4.01
K976313		10.40	<0.005	<0.2	0.72	12	<10	1210	0.6	<2	1.92	<0.5	5	5	4	2.52
K976314		0.17	1.410	33.7	4.92	144	<10	30	<0.5	6	4.48	31.9	85	57	7290	8.07
K976315		8.84	0.009	0.2	0.68	17	<10	550	0.6	<2	1.37	<0.5	5	6	6	2.61
K976316		7.20	0.015	0.5	0.56	31	<10	610	0.6	<2	1.71	7.2	6	4	12	2.64
K976317		3.47	1.120	5.0	0.40	976	<10	40	<0.5	5	0.67	11.0	7	5	29	5.94
K976318		3.04	0.285	2.2	0.52	526	<10	20	0.6	4	1.00	9.1	7	15	9	9.01
K976319		3.57	1.175	8.6	0.48	3080	<10	20	0.5	8	1.82	15.4	4	3	70	6.02
K976320		6.11	<0.005	<0.2	0.04	8	<10	10	<0.5	<2	18.9	<0.5	<1	1	1	0.43
K976321		3.41	0.019	0.4	0.77	47	<10	120	0.8	<2	1.54	1.7	2	5	14	3.09
K976322		3.93	0.178	4.5	0.53	246	<10	70	0.6	4	1.99	1.3	2	4	133	3.27
K976323		3.66	1.890	18.1	0.50	628	<10	20	0.5	20	1.82	11.1	3	4	666	5.71
K976324		4.07	0.006	0.2	0.82	14	<10	630	0.8	<2	2.38	0.9	2	4	4	2.79
K976325		3.56	0.481	3.7	0.64	1185	<10	110	0.6	2	1.78	9.2	4	4	152	4.05
K976326		10.10	0.154	3.9	0.46	174	<10	250	0.7	5	1.69	2.6	3	4	47	4.53

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VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11196878

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976291		10	1	0.18	20	0.69	393	2	0.10	2	630	10	0.06	<2	5	63
K976292		10	<1	0.22	20	0.67	432	1	0.08	1	580	10	0.13	<2	6	104
K976293		<10	<1	0.29	20	0.63	932	2	0.03	1	580	186	0.91	<2	6	81
K976294		10	1	0.24	10	1.15	616	50	0.34	301	690	8280	7.58	28	4	78
K976295		<10	<1	0.22	20	0.53	450	5	0.06	2	610	11	0.08	<2	7	113
K976296		<10	<1	0.26	20	0.81	758	1	0.01	2	590	42	0.35	2	8	141
K976297		<10	<1	0.29	10	0.77	1005	1	0.01	1	550	57	0.60	<2	7	110
K976298		<10	1	0.36	<10	0.28	2910	7	0.01	1	460	989	6.05	16	2	18
K976299		<10	<1	0.02	<10	12.10	223	<1	0.02	2	160	<2	0.03	<2	<1	47
K976300		<10	1	0.36	10	0.83	1745	1	0.02	1	560	59	0.64	<2	6	105
K976301		10	<1	0.19	20	0.65	444	1	0.08	1	590	130	0.10	<2	6	85
K976302		<10	<1	0.19	30	0.58	535	1	0.06	1	560	9	0.04	<2	8	150
K976303		<10	<1	0.29	10	0.79	1095	<1	0.02	1	530	48	0.42	<2	6	103
K976304		<10	1	0.30	10	0.80	1300	<1	0.02	<1	590	302	0.51	<2	5	62
K976305		<10	1	0.24	20	0.97	911	<1	0.02	1	520	12	0.21	<2	8	116
K976306		<10	1	0.26	20	0.62	712	2	0.02	1	530	34	0.17	<2	8	108
K976307		<10	<1	0.23	20	0.54	539	1	0.02	1	510	12	0.12	<2	9	113
K976308		<10	<1	0.25	20	0.68	733	1	0.02	1	510	11	0.10	<2	9	105
K976309		<10	<1	0.17	20	0.59	412	1	0.06	2	570	10	0.03	<2	7	93
K976310		<10	<1	0.24	20	0.60	830	3	0.03	2	550	33	0.28	<2	7	119
K976311		10	<1	0.18	20	0.67	486	2	0.06	2	580	10	0.06	<2	7	91
K976312		<10	<1	0.33	10	0.58	2500	3	0.02	2	510	440	1.64	3	5	61
K976313		<10	<1	0.23	10	0.57	682	2	0.02	1	560	12	0.18	<2	8	87
K976314		10	1	0.23	10	1.14	605	48	0.33	305	680	8190	7.52	27	4	77
K976315		<10	<1	0.20	10	0.51	650	1	0.01	4	590	13	0.31	3	8	72
K976316		<10	<1	0.23	10	0.56	1235	1	0.01	2	530	146	0.45	<2	7	61
K976317		<10	<1	0.31	10	0.24	1505	<1	0.01	2	710	252	5.68	5	2	20
K976318		<10	<1	0.37	10	0.57	5150	<1	0.01	12	1290	143	7.30	4	7	29
K976319		<10	<1	0.31	10	0.58	2190	<1	0.01	2	560	341	6.19	15	3	55
K976320		<10	<1	0.02	<10	11.65	212	<1	0.02	2	180	<2	0.03	<2	<1	50
K976321		<10	<1	0.30	20	0.49	1465	<1	0.01	<1	530	49	0.60	3	5	63
K976322		<10	<1	0.31	10	0.57	1365	<1	0.01	1	500	96	2.04	18	4	72
K976323		<10	<1	0.31	10	0.55	2330	<1	0.01	<1	460	396	4.73	48	4	58
K976324		<10	<1	0.31	20	0.75	829	<1	0.01	1	530	23	0.20	<2	6	105
K976325		<10	<1	0.30	20	0.49	2320	<1	0.01	3	660	105	2.04	30	5	58
K976326		<10	<1	0.33	10	0.71	3350	<1	0.01	1	520	77	0.93	7	5	54

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH 60

CERTIFICATE OF ANALYSIS WH11196878

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K976291		<20	0.10	<10	<10	53	<10	34	<1
K976292		<20	0.02	<10	<10	46	<10	40	<1
K976293		<20	<0.01	<10	<10	28	<10	1130	2
K976294		<20	0.05	<10	<10	310	<10	7530	30
K976295		<20	<0.01	<10	<10	38	<10	48	1
K976296		<20	<0.01	<10	<10	35	<10	216	1
K976297		<20	<0.01	<10	<10	28	<10	207	<1
K976298		<20	<0.01	<10	10	7	<10	2670	6
K976299		<20	<0.01	<10	<10	2	<10	16	<1
K976300		<20	<0.01	<10	<10	24	<10	476	1
K976301		<20	0.03	<10	<10	43	<10	102	1
K976302		20	<0.01	<10	<10	39	<10	39	<1
K976303		<20	<0.01	<10	<10	28	<10	992	1
K976304		<20	<0.01	<10	<10	23	<10	1990	2
K976305		<20	<0.01	<10	<10	35	<10	84	<1
K976306		<20	<0.01	<10	<10	34	<10	125	1
K976307		<20	<0.01	<10	<10	35	<10	63	<1
K976308		<20	<0.01	<10	<10	38	<10	69	<1
K976309		<20	0.01	<10	<10	43	<10	36	1
K976310		<20	<0.01	<10	<10	32	<10	53	<1
K976311		<20	0.01	<10	<10	40	<10	33	<1
K976312		<20	<0.01	<10	<10	21	<10	6640	2
K976313		<20	<0.01	<10	<10	37	<10	49	<1
K976314		<20	0.05	<10	<10	312	<10	7560	31
K976315		<20	<0.01	<10	<10	34	<10	47	<1
K976316		<20	<0.01	<10	<10	26	<10	575	1
K976317		<20	<0.01	<10	<10	7	<10	815	6
K976318		<20	<0.01	<10	<10	26	<10	783	2
K976319		<20	<0.01	<10	<10	11	<10	1085	8
K976320		<20	<0.01	<10	<10	2	<10	19	1
K976321		<20	<0.01	<10	<10	23	<10	162	<1
K976322		<20	<0.01	<10	<10	17	<10	142	3
K976323		<20	<0.01	<10	<10	15	<10	922	17
K976324		<20	<0.01	<10	<10	22	<10	102	<1
K976325		<20	<0.01	<10	<10	19	<10	710	2
K976326		<20	<0.01	<10	<10	14	<10	246	2

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VANCOUVER BC V6B 1L8

Finalized Date: 4- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11197131

Project: Klaza- DDH- 21

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza- DDH- 21

CERTIFICATE OF ANALYSIS WH11197131

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K270053		1
K270054		<1
K270055		<1
K270056		33
K270057		<1
K270058		<1
K270059		1
K270060		57
K270061		1
K270062		11
K270063		<1
K270064		<1
K270065		<1
K270066		7
K270067		5
K270068		<1
K270069		<1
K270070		30
K270071		36
K270072		1
K270073		1
K270074		8
K270075		<1
K270076		7
K270077		17
K270078		<1
K270079		<1
K270080		<1
K270081		1
K270082		<1
K270083		<1
K270084		2
K270085		1
K270086		<1
K270087		<1
K270088		3

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Finalized Date: 4- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11197132

Project: Klaza- DDH- 25

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 25

CERTIFICATE OF ANALYSIS WH11197132

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K271885		<1
K271886		1
K271887		<1
K271888		<1
K271889		7
K271890		<1
K271891		<1
K271892		<1
K271893		13
K271894		<1
K271895		<1
K271896		<1
K271897		<1
K271898		<1
K271899		1
K271900		1
K271901		<1
K271902		2
K271903		1
K271904		33
K271905		<1
K271906		<1
K271907		<1
K271908		1
K271909		3
K271910		<1
K271911		436
K271912		1
K271913		125
K271914		3
K271915		78
K271916		<1
K271917		1
K271918		3
K271919		6
K271920		<1

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Finalized Date: 19- OCT- 2011
This copy reported on 24- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11197133

Project: Klaza- DDH- 27

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 19- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11197133

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K269738		0.005
K269739		<0.005
K269740		0.230
K269741		<0.005
K269742		<0.005
K269743		1.520
K269744		0.010
K269745		<0.005
K269746		<0.005

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Account: ROCKHA

CERTIFICATE WH11197134

Project: Klaza - DDH- 32

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:
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Finalized Date: 4- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 32

CERTIFICATE OF ANALYSIS WH11197134

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269747		<1
K269748		<1
K269749		<1
K269750		<1
K269751		1
K269752		<1
K269753		<1
K269754		<1
K269755		29
K269756		<1
K269757		<1
K269758		<1
K269759		<1
K269760		<1
K269761		<1
K269762		29
K269763		<1
K269764		<1
K269765		1
K269766		<1
K269767		5
K269768		<1
K269769		<1
K269770		<1
K269771		<1
K269772		13
K269773		<1
K269774		<1
K269775		3
K269776		<1
K269777		1
K269778		<1
K269779		<1
K269780		<1
K269781		<1
K269782		1

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Finalized Date: 24- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11197135

Project: Klaza - DDH- 33

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 33

CERTIFICATE OF ANALYSIS WH11197135

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Ag- OG46 Ag ppm 1
K272758		<0.005	<1
K272759		<0.005	<1
K272760		<0.005	<1
K272761		<0.005	<1
K272762		<0.005	<1
K272763		1.520	30
K272764		<0.005	<1
K272765		<0.005	<1
K272766		<0.005	<1
K272767		<0.005	<1

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Finalized Date: 24- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11197136

Project: Klaza- DDH- 35

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

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Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11197136

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K272768		0.006
K272769		<0.005
K272770		<0.005
K272771		<0.005
K272772		<0.005
K272773		<0.005
K272774		<0.005
K272775		<0.005
K272776		NSS
K272777		0.006
K272778		0.013
K272779		<0.005
K272780		<0.005
K272781		0.006
K272782		<0.005
K272783		<0.005
K272784		0.050
K272785		0.006
K272786		0.180
K272787		0.027
K272788		0.106
K272789		<0.005
K272790		0.013
K272791		<0.005
K272792		<0.005
K272793		0.027
K272794		<0.005
K272795		<0.005
K272796		<0.005
K272797		0.005
K272798		0.121
K272799		<0.005
K272800		1.410
K272801		0.069
K272802		1.125
K272803		0.027

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24- OCT- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11197136

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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Finalized Date: 5- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11197137

Project: Klaza - DDH - 35

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 35

CERTIFICATE OF ANALYSIS WH11197137

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K272840		<1
K272841		<1
K272842		<1
K272843		<1
K272844		<1
K272845		<1
K272846		1
K272847		<1
K272848		1
K272849		<1
K272850		<1
K272851		<1
K272852		1
K272853		<1
K272854		<1
K272855		34
K272856		<1
K272857		<1
K272858		<1
K272859		<1
K272860		<1
K272861		1
K272862		<1
K272863		1
K272864		<1
K272865		<1
K272866		<1
K272867		<1
K272868		<1
K272869		<1
K272870		<1
K272871		31
K272872		<1
K272873		<1
K272874		<1
K272875		<1

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Finalized Date: 23- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198192

Project: Klaza DDH- 57

P.O. No.: Batch 4

This report is for 3 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198192

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828106		11.63	0.020	<0.2	1.18	15	<10	240	<0.5	<2	1.50	1.4	6	13	9	3.14
L828107		0.19	3.20	>100	0.18	>10000	<10	<10	<0.5	5	0.41	329	3	9	1580	14.10
K972063		5.14	0.758	10.0	0.52	3900	<10	<10	<0.5	14	1.38	18.3	7	6	459	6.76

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Finalized Date: 23- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198192

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828106		10	<1	0.18	20	0.70	471	1	0.12	2	610	21	0.09	<2	6	74
L828107		<10	1	0.08	<10	0.18	1485	<1	0.02	9	140	>10000	>10.0	557	1	19
K972063		<10	<1	0.38	10	0.36	1270	2	0.02	1	520	692	6.13	41	3	26

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Finalized Date: 23- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198192

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L828106		<20	0.06	<10	<10	57	<10	155	<1		
L828107		<20	<0.01	<10	<10	8	140	>10000	431	3.12	3.49
K972063		<20	<0.01	<10	<10	10	<10	1330	9		

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198193

Project: Klaza DDH- 60

P.O. No.: Batch 7

This report is for 9 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11198193

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976399		9.01	0.007	<0.2	0.78	21	<10	570	0.6	<2	1.98	1.1	6	6	12	2.71
K976400		11.43	0.044	3.4	0.86	62	<10	180	<0.5	13	1.39	2.2	7	9	45	3.71
K972994		3.92	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.0	<0.5	<1	1	3	0.44
K972995		11.91	<0.005	<0.2	0.84	13	<10	400	<0.5	<2	1.46	<0.5	6	11	8	2.71
K972996		10.06	0.025	0.6	0.63	110	<10	750	0.6	<2	2.29	1.5	6	5	45	2.87
K972997		12.87	<0.005	<0.2	0.90	10	<10	310	<0.5	<2	1.77	<0.5	6	7	7	2.54
K972998		8.21	0.007	0.2	0.66	26	<10	410	0.7	<2	2.58	<0.5	8	5	12	2.53
K972999		0.13	1.550	31.3	4.70	143	<10	50	<0.5	4	4.38	30.2	85	54	6890	8.00
K973000		6.66	<0.005	<0.2	0.98	9	<10	310	<0.5	2	1.56	<0.5	5	10	9	2.64

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CERTIFICATE OF ANALYSIS WH11198193

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976399		<10	<1	0.22	20	0.50	868	1	0.04	1	560	52	0.23	2	7	105
K976400		<10	<1	0.24	20	0.63	862	<1	0.06	2	540	89	1.10	<2	5	80
K972994		<10	<1	0.02	<10	11.65	200	<1	0.03	3	190	2	0.05	<2	<1	47
K972995		<10	<1	0.21	20	0.64	514	<1	0.10	2	520	10	0.15	<2	6	95
K972996		<10	<1	0.27	20	0.75	1445	1	0.05	2	500	44	0.39	7	6	122
K972997		<10	<1	0.18	20	0.68	510	<1	0.08	1	550	10	0.23	2	7	119
K972998		<10	<1	0.27	20	0.73	643	<1	0.05	2	540	11	0.72	<2	6	156
K972999		<10	1	0.23	<10	1.07	598	43	0.32	311	640	8070	6.90	26	4	75
K973000		<10	<1	0.16	20	0.67	487	<1	0.10	3	550	10	0.16	<2	7	97

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CERTIFICATE OF ANALYSIS WH11198193

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K976399		<20	<0.01	<10	<10	33	<10	132	<1
K976400		<20	0.01	<10	<10	35	<10	213	3
K972994		<20	<0.01	<10	10	1	<10	13	<1
K972995		<20	0.02	<10	<10	40	<10	37	1
K972996		<20	<0.01	<10	<10	28	<10	181	<1
K972997		20	<0.01	<10	<10	36	<10	36	<1
K972998		<20	<0.01	<10	<10	27	<10	39	<1
K972999		<20	0.05	<10	<10	307	20	7310	31
K973000		<20	0.01	<10	<10	45	<10	34	<1

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Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198194

Project: Klaza DDH- 60

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
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ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Finalized Date: 19- NOV- 2011
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Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11198194

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976363		5.27	0.171	1.7	0.76	315	<10	60	0.8	3	3.96	5.7	7	4	65	3.10
K976364		4.89	0.145	2.2	0.56	227	<10	20	0.5	2	3.56	12.9	7	4	63	4.53
K976365		3.45	0.014	<0.2	0.95	29	10	1350	0.8	<2	3.65	<0.5	8	5	8	2.45
K976366		3.01	0.012	0.4	0.79	35	<10	470	0.7	<2	2.79	1.8	7	4	22	2.67
K976367		4.33	0.934	12.2	0.50	428	<10	30	0.5	36	1.35	28.9	8	5	127	6.80
K976368		0.09	1.490	32.9	4.76	141	<10	40	<0.5	<2	4.44	31.4	82	56	7160	7.89
K976369		3.99	0.078	4.3	0.59	197	<10	100	0.7	15	1.24	3.6	5	5	111	4.59
K976370		10.54	<0.005	<0.2	0.85	6	<10	290	<0.5	2	2.00	0.9	13	7	13	2.48
K976371		6.10	<0.005	<0.2	0.69	9	<10	320	0.6	2	2.24	<0.5	10	7	3	2.69
K976372		3.72	0.020	0.3	0.52	41	<10	30	0.5	<2	2.07	2.5	13	4	7	4.07
K976373		10.79	<0.005	0.2	0.82	5	<10	540	0.5	<2	2.15	<0.5	6	6	7	2.76
K976374		10.92	<0.005	0.2	0.59	19	<10	780	0.6	<2	2.03	<0.5	7	4	9	2.31
K976375		4.21	0.029	0.8	0.59	82	<10	210	0.6	2	1.50	0.8	7	4	35	3.47
K976376		7.72	0.020	0.6	0.77	45	<10	230	0.7	<2	1.64	0.5	6	6	25	2.87
K976377		4.22	0.032	1.0	0.45	107	<10	80	0.7	<2	1.98	1.1	6	3	15	2.63
K976378		1.78	1.480	7.1	0.46	2270	<10	10	0.6	10	1.74	3.1	17	5	68	6.68
K976379		1.54	<0.005	<0.2	0.04	<2	<10	20	<0.5	2	19.4	<0.5	1	<1	1	0.46
K976380		10.61	<0.005	<0.2	0.64	20	<10	680	0.9	2	3.24	<0.5	6	3	5	2.19
K976381		3.99	0.074	1.1	0.59	109	<10	190	0.7	3	1.92	2.2	11	4	64	3.52
K976382		3.95	0.061	1.2	0.53	173	<10	130	0.6	4	2.86	3.7	6	4	56	3.46
K976383		2.12	0.050	0.7	0.55	76	<10	210	0.6	3	2.57	2.5	8	5	38	3.42
K976384		4.14	0.084	1.7	0.64	228	<10	200	0.7	3	2.35	3.3	6	5	57	3.47
K976385		2.22	<0.005	0.3	0.77	10	<10	1820	0.6	<2	1.88	<0.5	5	6	12	2.74
K976386		5.13	<0.005	<0.2	1.10	6	<10	180	<0.5	<2	1.32	<0.5	6	11	11	2.67
K976387		3.40	0.024	0.7	1.13	50	<10	270	<0.5	2	1.18	2.6	4	9	49	3.59
K976388		9.26	0.044	0.2	1.15	4	<10	200	<0.5	<2	1.26	<0.5	6	11	25	2.70
K976389		11.92	<0.005	<0.2	1.08	6	<10	380	<0.5	<2	1.47	<0.5	5	10	6	2.54
K976390		0.09	1.430	33.0	4.86	156	<10	40	<0.5	<2	4.49	31.6	87	57	7270	8.02
K976391		10.33	0.005	0.4	0.65	15	<10	210	0.6	2	2.65	0.6	9	7	20	2.50
K976392		8.25	0.007	<0.2	0.75	11	<10	480	0.6	3	2.35	0.5	6	4	31	2.57
K976393		7.64	<0.005	<0.2	0.97	7	<10	260	<0.5	<2	1.37	<0.5	5	9	5	2.51
K976394		4.85	<0.005	<0.2	0.94	7	<10	320	<0.5	<2	1.72	<0.5	5	7	10	2.44
K976395		4.21	0.298	12.0	0.43	576	<10	10	<0.5	19	0.69	7.3	7	4	521	9.26
K976396		1.60	<0.005	<0.2	0.03	3	<10	20	<0.5	2	19.3	<0.5	<1	<1	2	0.46
K976397		5.62	0.042	0.6	0.72	261	<10	470	0.6	2	2.06	1.0	6	7	20	2.65
K976398		5.51	0.055	<0.2	0.73	277	<10	910	0.8	<2	2.43	0.6	7	4	7	2.86

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11198194

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976363		<10	1	0.43	10	1.34	2270	5	0.02	2	540	78	1.74	13	4	149
K976364		<10	<1	0.39	10	1.36	2470	2	0.01	1	440	97	4.24	9	3	100
K976365		<10	<1	0.37	20	0.91	785	<1	0.02	5	1160	11	0.23	2	5	334
K976366		<10	<1	0.35	20	0.72	906	4	0.03	2	570	27	0.44	5	6	143
K976367		<10	1	0.35	10	0.45	1495	1	0.02	<1	480	198	6.63	10	4	54
K976368		10	2	0.23	10	1.09	598	45	0.32	314	670	8200	7.49	26	4	76
K976369		<10	<1	0.39	10	0.51	1880	1	0.02	<1	520	88	2.03	7	4	62
K976370		<10	<1	0.21	20	0.62	607	<1	0.07	1	550	14	0.68	<2	6	82
K976371		<10	<1	0.22	20	0.66	813	<1	0.04	<1	560	9	0.74	<2	6	111
K976372		<10	<1	0.31	10	0.64	849	2	0.03	1	540	82	2.57	2	4	105
K976373		<10	<1	0.21	20	0.57	695	<1	0.04	1	540	12	0.70	<2	6	108
K976374		<10	<1	0.21	20	0.64	717	1	0.02	<1	570	7	0.38	2	8	100
K976375		<10	<1	0.32	10	0.57	1345	<1	0.02	1	520	31	1.19	9	5	64
K976376		<10	1	0.27	20	0.55	1020	<1	0.02	<1	570	36	0.49	2	6	83
K976377		<10	<1	0.31	10	0.59	2170	<1	0.03	1	510	55	1.47	4	5	84
K976378		<10	<1	0.25	10	0.55	1605	1	0.02	<1	360	201	6.98	11	5	73
K976379		<10	1	0.02	<10	11.85	219	<1	0.02	<1	160	<2	0.09	<2	<1	46
K976380		<10	<1	0.33	10	0.93	631	2	0.02	2	660	11	0.17	2	4	309
K976381		<10	<1	0.40	20	0.60	1255	7	0.02	<1	550	56	1.29	3	4	208
K976382		<10	<1	0.34	10	0.77	1310	1	0.02	1	510	80	1.36	3	4	269
K976383		<10	<1	0.38	10	0.72	1235	1	0.02	<1	490	55	1.44	3	4	250
K976384		<10	1	0.31	20	0.63	1870	<1	0.02	<1	490	85	1.52	8	5	135
K976385		<10	1	0.20	20	0.54	883	1	0.03	1	590	23	0.17	3	8	127
K976386		<10	1	0.17	20	0.64	471	<1	0.11	1	580	14	0.09	2	5	67
K976387		<10	<1	0.25	20	0.64	798	1	0.07	1	550	85	0.79	<2	4	63
K976388		<10	<1	0.19	20	0.64	487	<1	0.10	<1	570	16	0.18	<2	5	64
K976389		10	<1	0.18	20	0.61	502	1	0.09	1	560	10	0.13	<2	5	74
K976390		10	1	0.23	10	1.11	607	47	0.33	320	690	8240	7.65	24	4	78
K976391		<10	<1	0.22	50	0.42	768	<1	0.05	1	560	45	0.63	<2	6	107
K976392		<10	<1	0.24	30	0.60	859	<1	0.03	1	540	18	0.30	2	5	99
K976393		10	<1	0.18	20	0.62	436	1	0.09	1	550	8	0.14	<2	6	77
K976394		<10	1	0.21	20	0.59	498	1	0.07	1	530	11	0.19	<2	6	89
K976395		<10	1	0.29	<10	0.26	1345	1	0.02	<1	410	480	>10.0	47	2	30
K976396		<10	<1	0.02	<10	11.80	202	<1	0.02	<1	180	<2	0.10	<2	<1	48
K976397		<10	<1	0.27	20	0.61	1090	1	0.04	<1	540	36	0.44	5	6	103
K976398		<10	<1	0.28	20	0.70	1100	1	0.03	1	570	37	0.35	4	7	138

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K976363		<20	<0.01	<10	<10	10	<10	499	2
K976364		<20	<0.01	<10	<10	7	<10	1105	2
K976365		<20	<0.01	<10	<10	25	<10	63	<1
K976366		<20	<0.01	<10	<10	21	<10	168	<1
K976367		<20	<0.01	<10	<10	11	<10	2100	11
K976368		<20	0.05	<10	<10	312	<10	7420	30
K976369		<20	<0.01	<10	<10	16	<10	362	3
K976370		<20	0.01	<10	<10	36	<10	124	<1
K976371		<20	<0.01	<10	<10	31	<10	45	<1
K976372		<20	<0.01	<10	<10	20	<10	277	<1
K976373		20	<0.01	<10	<10	34	<10	45	<1
K976374		<20	<0.01	<10	<10	28	<10	37	<1
K976375		<20	<0.01	<10	<10	21	<10	108	<1
K976376		<20	<0.01	<10	<10	26	<10	99	<1
K976377		<20	<0.01	<10	<10	14	<10	115	<1
K976378		<20	<0.01	<10	<10	18	<10	269	6
K976379		<20	<0.01	<10	<10	2	<10	17	<1
K976380		<20	<0.01	<10	<10	26	<10	42	<1
K976381		<20	<0.01	<10	<10	15	<10	221	1
K976382		<20	<0.01	<10	<10	19	<10	340	1
K976383		<20	<0.01	<10	<10	17	<10	236	<1
K976384		<20	<0.01	<10	<10	23	<10	330	1
K976385		<20	<0.01	<10	<10	38	<10	72	<1
K976386		<20	0.08	<10	<10	54	<10	34	<1
K976387		<20	0.06	<10	<10	43	<10	246	<1
K976388		<20	0.09	<10	<10	52	<10	39	<1
K976389		20	0.07	<10	<10	49	<10	34	<1
K976390		<20	0.06	<10	10	314	<10	7410	30
K976391		20	<0.01	<10	<10	31	<10	78	<1
K976392		<20	<0.01	<10	<10	29	<10	68	<1
K976393		<20	0.04	<10	<10	47	<10	30	<1
K976394		<20	0.01	<10	<10	37	<10	42	<1
K976395		<20	<0.01	<10	<10	11	<10	647	11
K976396		<20	<0.01	<10	<10	2	<10	15	<1
K976397		<20	<0.01	<10	<10	28	<10	118	<1
K976398		<20	<0.01	<10	<10	26	<10	85	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198195

Project: Klaza DDH- 55

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198195

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829403		3.94	0.184	1.9	0.55	627	<10	40	<0.5	4	1.95	15.4	18	6	14	4.42
L829404		3.26	<0.005	0.2	0.59	12	<10	300	0.5	3	1.76	0.8	3	4	35	2.52
L829405		3.82	0.027	0.6	0.46	65	<10	210	0.6	4	2.24	0.9	5	4	20	2.84
L829406		5.18	3.45	30.5	0.49	1285	<10	10	<0.5	20	2.02	59.0	5	6	1095	5.86
L829407		1.83	<0.005	<0.2	0.03	2	<10	<10	<0.5	4	18.6	<0.5	2	<1	4	0.43
L829408		6.00	0.015	0.2	0.65	36	<10	80	0.8	3	1.87	3.1	6	4	19	3.40
L829409		3.59	0.017	0.7	0.66	22	<10	710	0.6	3	2.21	14.3	5	4	84	3.12
L829410		8.33	0.010	0.4	0.62	9	<10	180	0.5	4	2.24	7.8	4	4	23	2.94
L829411		5.59	0.297	1.3	0.54	560	<10	80	0.5	4	3.72	5.1	5	4	34	3.33
L829412		5.38	0.686	2.3	0.50	232	<10	50	0.6	6	1.90	5.1	5	3	97	4.73
L829413		8.27	0.052	<0.2	0.56	161	<10	410	0.8	3	2.20	1.5	5	4	12	3.31
L829414		4.41	2.55	68.7	0.41	6350	<10	10	<0.5	42	1.39	57.5	11	4	2120	8.07
L829415		2.00	<0.005	<0.2	0.03	4	<10	<10	<0.5	4	18.0	<0.5	1	<1	6	0.43
L829416		11.51	0.040	0.4	0.63	59	<10	260	0.6	5	2.10	9.4	5	5	21	3.31
L829417		12.13	0.009	0.9	0.84	24	<10	320	0.6	5	2.24	3.0	5	5	95	2.70
L829418		12.42	0.005	0.7	1.03	31	<10	410	0.6	3	2.06	3.1	4	7	168	3.08
L829419		5.31	3.08	53.2	0.38	>10000	<10	<10	<0.5	48	2.51	330	28	3	695	12.70
L829420		3.97	0.087	2.0	0.55	354	<10	40	0.6	5	2.51	24.0	4	4	32	3.20
L829421		7.75	0.147	1.3	0.73	545	<10	210	0.7	5	2.40	5.5	5	6	13	3.04
L829422		4.28	0.324	2.8	0.42	876	<10	20	0.5	6	4.60	15.3	3	3	40	3.19
L829423		0.21	3.36	>100	0.17	>10000	<10	<10	<0.5	6	0.40	308	2	8	1480	12.75
L829424		5.00	0.099	1.5	0.52	392	<10	20	<0.5	6	4.30	2.4	17	3	9	4.26
L829425		7.60	0.049	0.8	0.61	294	<10	300	0.6	4	2.50	4.1	6	6	25	2.98
L829426		3.95	0.036	2.1	0.50	75	<10	20	<0.5	5	1.33	27.6	17	4	22	5.76
L829427		5.98	0.108	2.7	0.61	413	<10	10	0.5	6	2.31	18.3	12	5	23	5.74
L829428		5.83	0.032	1.0	0.57	104	<10	70	0.5	5	1.76	7.2	5	4	18	3.45
L829429		2.96	0.068	0.9	0.61	105	<10	100	0.5	4	1.64	6.1	7	6	13	3.68
L829430		6.27	1.205	16.3	0.60	592	<10	10	0.6	24	1.47	136.5	9	7	429	8.26
L829431		7.36	0.509	18.8	0.49	529	<10	20	<0.5	28	1.12	133.0	6	4	650	5.25
L829432		7.16	0.010	0.3	1.16	44	<10	480	0.7	4	2.68	0.9	4	4	44	2.98
L829433		6.33	0.149	2.5	0.53	1315	<10	50	0.6	4	1.29	28.0	6	4	41	4.12
L829434		3.83	2.07	>100	0.41	4300	<10	<10	<0.5	18	2.00	90.1	5	4	757	5.80
L829435		11.76	0.005	1.1	0.58	17	<10	920	0.7	3	1.82	0.8	5	3	14	1.98
L829436		0.20	3.24	>100	0.16	>10000	<10	<10	<0.5	6	0.39	303	2	8	1490	12.60
L829437		10.32	0.005	1.5	0.73	81	<10	1200	0.7	3	2.51	1.1	5	3	11	1.96
L829438		10.69	<0.005	0.5	0.69	22	<10	1530	0.7	4	2.12	<0.5	5	4	16	2.04

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198195

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829403		<10	<1	0.40	10	0.60	1700	2	<0.01	<1	510	361	3.07	4	3	43
L829404		<10	<1	0.35	20	0.55	1110	1	0.03	3	510	38	0.29	5	5	45
L829405		<10	<1	0.33	10	0.63	2840	2	0.03	2	520	39	1.11	9	4	53
L829406		<10	<1	0.27	<10	0.62	4990	12	0.03	2	270	764	4.96	126	2	43
L829407		<10	<1	0.02	<10	11.60	211	<1	0.03	2	180	<2	0.03	<2	<1	43
L829408		<10	<1	0.33	20	0.66	1390	1	0.03	3	520	61	0.35	3	7	59
L829409		<10	<1	0.26	10	0.74	1230	1	0.03	2	530	54	0.37	13	7	69
L829410		<10	<1	0.33	20	0.79	1190	<1	0.04	2	500	66	0.37	4	6	65
L829411		<10	<1	0.28	10	0.97	1570	3	0.03	2	400	87	1.55	11	5	89
L829412		<10	<1	0.35	10	0.82	2230	<1	0.02	2	460	129	1.44	15	4	54
L829413		<10	<1	0.32	20	0.74	1510	1	0.03	2	540	35	0.45	3	6	88
L829414		<10	<1	0.32	10	0.44	3090	3	0.03	1	350	789	7.70	96	2	26
L829415		<10	<1	0.02	<10	11.20	203	<1	0.03	1	170	2	0.04	<2	<1	45
L829416		<10	<1	0.30	10	0.75	1160	1	0.03	1	490	116	0.80	3	5	71
L829417		<10	<1	0.26	20	0.65	1060	<1	0.02	1	570	88	0.29	4	5	73
L829418		<10	<1	0.27	20	0.61	909	5	0.05	2	540	66	0.27	5	6	85
L829419		<10	2	0.28	<10	0.92	2270	2	0.03	<1	160	5070	>10.0	95	1	39
L829420		<10	<1	0.36	10	0.77	1590	1	0.03	2	510	221	1.73	6	4	73
L829421		<10	<1	0.37	20	0.72	1500	2	0.03	2	500	145	0.90	8	5	83
L829422		<10	<1	0.29	10	1.71	2490	5	0.03	1	370	355	1.94	20	3	105
L829423		<10	1	0.07	<10	0.16	1390	1	0.03	12	130	>10000	>10.0	520	1	20
L829424		<10	<1	0.32	10	1.59	2040	2	0.03	3	400	149	3.16	7	3	105
L829425		<10	<1	0.36	20	0.81	1560	2	0.03	2	540	117	0.78	5	5	81
L829426		<10	<1	0.34	30	0.60	1850	3	0.03	4	410	811	3.36	<2	3	38
L829427		<10	<1	0.43	20	0.94	2200	9	0.03	6	430	685	3.21	7	5	58
L829428		<10	<1	0.40	20	0.55	1110	2	0.03	2	520	173	1.70	2	5	57
L829429		<10	<1	0.41	10	0.51	960	2	0.03	3	500	153	2.02	3	4	55
L829430		<10	<1	0.43	10	0.64	2580	4	0.03	2	430	313	6.92	44	4	41
L829431		<10	<1	0.35	10	0.38	2130	8	0.03	3	360	520	4.78	115	2	27
L829432		<10	<1	0.35	30	0.63	870	1	0.04	1	550	41	0.30	2	5	110
L829433		<10	<1	0.34	10	0.47	1780	4	0.03	2	440	702	2.16	10	4	43
L829434		<10	1	0.31	<10	0.66	2380	19	0.03	2	280	1775	6.57	261	1	51
L829435		<10	<1	0.32	10	0.64	578	2	0.03	3	780	22	0.09	<2	3	144
L829436		<10	1	0.07	<10	0.16	1370	1	0.03	13	130	>10000	>10.0	504	1	21
L829437		<10	<1	0.36	20	0.67	533	2	0.03	3	810	61	0.12	3	3	226
L829438		<10	<1	0.35	20	0.68	591	2	0.04	2	700	27	0.08	<2	3	210

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198195

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829403		<20	<0.01	<10	<10	9	<10	1135	2		
L829404		<20	<0.01	<10	<10	16	<10	94	<1		
L829405		<20	<0.01	<10	<10	9	<10	102	<1		
L829406		<20	<0.01	<10	<10	10	<10	3630	31		
L829407		<20	<0.01	<10	<10	2	<10	21	<1		
L829408		<20	<0.01	<10	<10	22	<10	266	<1		
L829409		<20	<0.01	<10	<10	28	<10	1065	1		
L829410		<20	<0.01	<10	<10	19	<10	594	<1		
L829411		<20	<0.01	<10	<10	18	<10	392	1		
L829412		<20	<0.01	<10	<10	14	<10	444	2		
L829413		<20	<0.01	<10	<10	19	<10	154	<1		
L829414		<20	<0.01	<10	<10	8	<10	3630	69		
L829415		<20	<0.01	<10	<10	2	<10	21	1		
L829416		<20	<0.01	<10	<10	22	<10	726	1		
L829417		<20	<0.01	<10	<10	22	<10	261	2		
L829418		<20	<0.01	<10	<10	32	<10	262	2		
L829419		<20	<0.01	<10	<10	5	<10	>10000	57		2.68
L829420		<20	<0.01	<10	<10	11	<10	1745	2		
L829421		<20	<0.01	<10	<10	16	<10	460	2		
L829422		<20	<0.01	<10	<10	7	<10	1240	2		
L829423		<20	<0.01	<10	<10	8	130	>10000	417	3.03	3.47
L829424		<20	<0.01	<10	<10	10	<10	239	1		
L829425		<20	<0.01	<10	<10	15	<10	375	<1		
L829426		<20	<0.01	<10	<10	14	<10	2030	1		
L829427		<20	<0.01	<10	<10	18	<10	1485	2		
L829428		<20	<0.01	<10	<10	14	<10	631	1		
L829429		<20	<0.01	<10	<10	14	<10	530	1		
L829430		<20	<0.01	<10	<10	12	<10	9540	14		
L829431		<20	<0.01	<10	<10	8	<10	8590	18		
L829432		<20	<0.01	<10	<10	20	<10	100	<1		
L829433		<20	<0.01	<10	<10	10	<10	2130	3		
L829434		<20	<0.01	<10	<10	6	<10	8610	286		
L829435		<20	<0.01	<10	<10	14	<10	165	1		
L829436		<20	<0.01	<10	<10	7	130	>10000	417	3.10	3.55
L829437		<20	<0.01	<10	<10	16	<10	241	1		
L829438		<20	<0.01	<10	<10	14	<10	126	<1		

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VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198196

Project: Klaza DDH- 59

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198196

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829094		7.38	0.032	0.6	1.26	10	<10	230	0.5	3	1.01	5.1	7	10	15	2.86
L829095		12.19	<0.005	0.3	1.16	12	<10	340	<0.5	2	1.42	2.0	8	8	8	2.74
L829096		7.11	0.099	1.6	0.85	75	<10	810	0.7	3	1.69	22.0	7	5	18	2.81
L829097		12.09	<0.005	0.3	1.12	9	<10	320	<0.5	2	1.48	3.2	7	8	7	2.74
L829098		0.13	1.410	34.2	4.86	150	<10	30	<0.5	14	4.62	31.2	88	57	7150	8.19
L829099		11.71	0.005	0.4	1.08	10	<10	270	<0.5	3	1.78	3.4	7	8	19	2.86
L829100		4.44	0.109	7.2	0.86	240	<10	220	0.5	13	1.50	16.4	8	6	22	3.70
L829101		6.70	0.025	1.0	0.95	20	<10	310	0.5	3	1.58	6.8	8	6	13	3.21
L829102		3.25	<0.005	0.6	0.79	12	<10	1470	0.8	3	3.59	15.7	7	7	8	2.35
L829103		5.22	0.915	4.3	0.76	2140	<10	80	0.7	9	1.96	104.0	8	4	63	3.70
L829104		14.17	<0.005	0.3	0.81	21	<10	850	0.6	3	2.00	1.5	6	6	3	2.82
L829105		0.80	<0.005	0.2	0.03	3	<10	10	<0.5	3	19.9	<0.5	2	<1	2	0.39
L829106		14.89	0.008	0.6	0.99	15	<10	320	0.5	3	1.59	4.5	8	8	11	3.00
L829107		4.48	0.187	7.3	0.94	46	<10	150	0.7	7	1.71	15.9	8	5	123	2.71
L829108		5.84	0.362	8.2	0.55	197	<10	30	0.6	10	2.16	115.0	7	4	146	3.86
L829109		8.98	0.033	1.5	0.59	39	<10	390	0.8	5	1.59	7.6	8	5	15	4.65
L829110		3.75	1.455	11.2	0.51	1270	<10	30	0.6	18	2.08	72.3	8	3	114	4.54
L829111		1.05	0.006	0.2	0.06	4	<10	20	<0.5	2	19.7	<0.5	2	1	3	0.39
L829112		13.22	<0.005	0.2	1.04	9	<10	240	<0.5	3	1.32	<0.5	6	9	10	2.65
L829113		12.02	<0.005	0.4	1.05	10	<10	200	<0.5	3	1.37	1.7	7	9	11	2.77
L829114		12.41	0.014	0.3	0.92	19	<10	450	0.5	3	1.83	1.0	7	9	6	2.79
L829115		12.37	<0.005	<0.2	1.11	7	<10	190	<0.5	3	1.06	<0.5	7	9	8	2.74
L829116		13.55	<0.005	0.2	1.07	6	<10	180	<0.5	2	1.08	<0.5	7	10	6	2.66
L829117		3.98	<0.005	0.2	1.09	6	<10	140	<0.5	2	1.21	<0.5	7	9	7	2.66
L829118		2.09	<0.005	0.2	1.08	5	<10	140	<0.5	3	1.11	<0.5	7	9	6	2.72
L829119		4.46	0.076	5.5	0.72	153	<10	140	0.7	8	2.04	10.3	8	5	267	3.43
L829120		9.98	<0.005	<0.2	1.13	8	<10	170	<0.5	3	1.23	<0.5	8	10	7	2.71
L829121		12.33	<0.005	0.2	1.17	10	<10	200	<0.5	2	1.04	<0.5	7	11	6	2.59
L829122		10.53	0.005	0.7	1.19	9	<10	150	<0.5	2	1.27	1.2	7	10	6	2.78
L829123		0.11	1.340	34.6	4.89	153	<10	40	<0.5	12	4.65	31.8	94	57	7250	8.31
L829124		3.62	<0.005	1.9	1.26	9	<10	160	0.6	3	3.35	<0.5	8	6	10	2.94
L829125		11.14	<0.005	0.2	1.20	6	<10	220	<0.5	4	1.66	<0.5	7	9	3	2.68
L829126		9.37	0.005	0.3	1.13	9	<10	220	<0.5	3	1.43	<0.5	8	8	4	2.68
L829127		7.44	0.019	0.4	0.86	37	<10	220	0.6	3	1.63	0.9	8	6	7	2.81
L829128		3.74	0.573	4.9	0.78	123	<10	180	0.8	7	1.50	58.0	8	5	123	4.00
L829129		4.41	0.044	5.3	0.89	84	<10	190	0.5	4	1.14	18.3	8	6	108	3.60

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198196

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829094		10	<1	0.19	20	0.59	511	1	0.09	1	590	29	0.04	<2	5	44
L829095		<10	<1	0.20	20	0.58	560	1	0.09	1	570	59	0.05	<2	5	54
L829096		<10	1	0.28	20	0.34	1150	1	0.04	1	560	421	0.30	3	7	54
L829097		<10	<1	0.17	20	0.66	507	1	0.09	<1	580	35	0.06	2	5	57
L829098		10	1	0.24	<10	1.18	621	46	0.33	315	660	8310	7.36	25	4	76
L829099		<10	1	0.22	20	0.63	721	1	0.08	1	610	94	0.10	<2	6	65
L829100		<10	1	0.27	20	0.63	908	1	0.06	1	660	1025	0.92	2	6	62
L829101		<10	<1	0.30	20	0.57	1090	2	0.05	<1	570	481	0.30	3	5	57
L829102		<10	<1	0.30	20	0.64	734	<1	0.03	4	1190	18	0.06	3	3	325
L829103		<10	1	0.28	10	0.34	583	1	0.01	<1	540	389	1.90	4	8	79
L829104		<10	<1	0.30	20	0.62	766	1	0.05	<1	570	25	0.10	<2	7	89
L829105		<10	<1	0.01	<10	12.40	192	<1	0.02	<1	180	4	0.03	<2	<1	44
L829106		<10	<1	0.23	20	0.68	690	1	0.08	1	570	145	0.11	<2	6	66
L829107		<10	1	0.30	20	0.47	1170	1	0.02	1	600	1205	0.55	6	6	50
L829108		<10	1	0.39	10	0.72	2050	3	0.02	1	520	699	2.49	11	4	49
L829109		<10	<1	0.39	20	0.78	2220	1	0.02	1	530	370	0.56	2	6	49
L829110		<10	<1	0.32	10	0.51	2010	3	0.01	1	470	940	3.27	12	4	48
L829111		<10	<1	0.04	<10	12.30	192	<1	<0.01	<1	230	7	0.01	<2	<1	45
L829112		<10	<1	0.16	20	0.63	424	1	0.07	1	550	49	0.02	2	5	49
L829113		<10	<1	0.15	10	0.62	416	2	0.08	1	610	139	0.04	<2	5	56
L829114		<10	1	0.22	20	0.61	580	2	0.07	1	620	99	0.10	<2	6	72
L829115		<10	<1	0.16	10	0.66	347	2	0.09	1	580	20	0.02	<2	4	39
L829116		<10	<1	0.15	10	0.65	324	2	0.09	1	570	11	0.02	<2	4	41
L829117		<10	<1	0.14	10	0.63	328	2	0.09	1	590	10	0.01	<2	5	47
L829118		10	<1	0.14	10	0.64	324	1	0.09	1	570	8	0.01	<2	4	45
L829119		<10	1	0.26	20	0.52	1430	4	0.01	1	540	307	1.27	25	6	43
L829120		<10	1	0.16	10	0.63	353	2	0.09	1	580	10	0.01	2	4	48
L829121		<10	<1	0.16	10	0.65	334	1	0.09	1	580	17	0.01	2	4	43
L829122		10	<1	0.15	10	0.64	402	2	0.08	<1	610	50	0.02	<2	5	50
L829123		10	2	0.24	10	1.19	626	48	0.31	317	670	8320	7.43	25	4	77
L829124		<10	<1	0.15	20	0.56	855	1	0.04	2	580	15	0.04	2	7	90
L829125		<10	<1	0.18	20	0.64	387	1	0.09	1	610	9	0.03	2	5	58
L829126		<10	<1	0.16	10	0.66	431	1	0.07	1	590	7	0.02	<2	5	69
L829127		<10	<1	0.19	20	0.56	817	<1	0.03	<1	590	40	0.07	3	7	56
L829128		<10	<1	0.28	20	0.56	1630	1	0.01	1	560	400	1.25	5	6	57
L829129		<10	<1	0.25	10	0.47	1570	1	0.03	1	550	485	1.14	13	5	39

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Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198196

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L829094		<20	0.07	<10	<10	51	<10	341	<1
L829095		<20	0.07	<10	<10	48	<10	172	2
L829096		<20	<0.01	<10	<10	30	<10	1520	1
L829097		<20	0.07	<10	<10	51	<10	258	<1
L829098		<20	0.06	<10	<10	314	<10	7680	29
L829099		<20	0.04	<10	<10	47	<10	304	3
L829100		<20	0.02	<10	<10	41	<10	1230	7
L829101		<20	0.02	<10	<10	35	<10	532	<1
L829102		<20	<0.01	<10	<10	31	<10	1380	<1
L829103		<20	<0.01	<10	<10	29	<10	6390	3
L829104		<20	0.01	<10	<10	35	<10	272	<1
L829105		<20	<0.01	<10	<10	1	<10	22	<1
L829106		<20	0.03	<10	<10	42	<10	373	<1
L829107		<20	<0.01	<10	<10	28	<10	1220	5
L829108		<20	<0.01	<10	<10	11	<10	7580	7
L829109		<20	<0.01	<10	<10	19	<10	705	1
L829110		<20	<0.01	<10	<10	13	<10	5010	11
L829111		<20	<0.01	<10	<10	1	<10	45	<1
L829112		<20	0.08	<10	<10	48	<10	82	<1
L829113		<20	0.09	<10	<10	52	<10	188	<1
L829114		20	0.05	<10	<10	47	<10	141	1
L829115		20	0.14	<10	<10	55	<10	65	<1
L829116		20	0.13	<10	<10	54	<10	38	<1
L829117		<20	0.09	<10	<10	53	<10	38	<1
L829118		20	0.10	<10	<10	52	<10	36	<1
L829119		<20	0.01	<10	<10	29	<10	1040	4
L829120		<20	0.11	<10	<10	53	<10	31	<1
L829121		20	0.14	<10	<10	54	<10	36	<1
L829122		<20	0.09	<10	<10	52	<10	132	1
L829123		<20	0.06	<10	<10	317	<10	7830	32
L829124		<20	0.01	<10	<10	47	10	53	2
L829125		20	0.05	<10	<10	49	<10	47	1
L829126		<20	0.09	<10	<10	52	<10	39	<1
L829127		<20	0.02	<10	<10	40	<10	92	1
L829128		<20	<0.01	<10	<10	27	<10	3840	5
L829129		<20	0.02	<10	<10	32	<10	2000	5

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198197

Project: Klaza DDH- 55

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11198197

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829439		3.41	0.746	17.3	0.57	529	<10	30	0.7	15	1.39	28.8	8	3	341	4.01
L829440		4.83	<0.005	<0.2	0.60	7	<10	820	0.7	<2	2.78	<0.5	7	4	15	2.38
L829441		10.07	0.020	2.4	0.51	102	<10	170	0.5	5	1.96	6.6	5	5	158	4.13
L829442		3.52	0.087	6.6	0.46	237	<10	20	0.5	8	1.12	47.8	11	3	369	4.71
L829443		8.58	<0.005	<0.2	0.55	16	<10	570	0.8	<2	3.20	<0.5	6	3	7	2.44
L829444		10.48	0.005	0.2	0.53	30	<10	820	0.7	<2	3.18	<0.5	7	3	10	2.36
L829445		5.44	<0.005	<0.2	0.05	<2	<10	20	<0.5	2	19.5	<0.5	2	<1	3	0.45
L829446		7.36	<0.005	<0.2	0.49	16	<10	1270	0.8	<2	3.39	0.6	6	3	6	2.41
L829447		3.68	0.047	2.6	0.62	72	<10	370	0.9	3	1.85	6.9	7	4	45	2.94
L829448		6.45	<0.005	0.2	0.79	7	<10	370	0.7	<2	2.43	1.8	6	5	22	2.87
L829449		2.75	0.853	50.9	0.42	307	<10	20	0.5	19	1.88	376	7	5	881	5.38
L829450		4.57	0.014	0.7	0.92	21	<10	210	0.5	<2	1.74	5.9	7	6	13	2.85
L829451		4.11	6.09	29.8	0.48	1875	<10	10	<0.5	44	0.74	47.8	9	4	814	8.62
L829452		6.92	<0.005	<0.2	1.23	9	<10	1170	0.8	<2	2.18	0.5	7	6	8	3.00
L829453		4.84	0.022	4.0	0.97	42	<10	140	0.5	6	1.67	15.9	12	6	136	3.85
L829454		7.12	<0.005	<0.2	0.94	4	<10	180	0.6	2	1.61	<0.5	6	5	4	2.66
L829455		0.11	1.525	31.4	4.59	144	<10	40	<0.5	8	4.50	32.0	83	54	6870	8.18
L829456		4.10	<0.005	<0.2	1.08	<2	<10	430	0.5	<2	1.39	0.5	6	7	16	2.84
L829457		5.17	0.032	3.9	0.52	91	<10	170	0.6	4	2.21	12.6	7	4	102	3.30
L829458		6.25	0.005	0.5	0.97	7	<10	230	0.5	<2	1.79	0.6	7	6	10	2.86
L829459		3.20	0.312	11.1	0.75	408	<10	110	0.6	14	1.88	47.1	7	5	292	4.03
L829460		3.57	0.024	1.4	0.51	288	<10	390	0.8	2	2.06	4.5	6	4	28	3.88
L829461		12.81	<0.005	0.2	0.99	7	<10	270	<0.5	2	1.49	1.1	7	8	6	2.53
L829462		13.85	<0.005	<0.2	1.20	7	<10	760	0.5	2	1.35	0.9	6	9	6	2.66
L829463		0.11	1.365	31.9	4.68	141	<10	40	<0.5	14	4.58	32.4	83	56	6990	8.34
L829464		13.23	<0.005	<0.2	1.14	4	<10	150	<0.5	2	1.33	<0.5	5	9	6	2.51
L829465		13.23	<0.005	<0.2	1.11	3	<10	150	<0.5	2	1.61	0.8	5	9	3	2.67
L829466		12.78	<0.005	<0.2	1.15	6	<10	300	<0.5	<2	1.52	<0.5	5	11	2	2.62
L829467		12.87	<0.005	<0.2	0.96	8	<10	370	<0.5	<2	1.50	5.0	6	10	3	2.39
L829468		13.58	<0.005	<0.2	1.12	4	<10	110	<0.5	3	1.15	<0.5	5	10	10	2.50
L829469		1.72	<0.005	<0.2	0.02	2	<10	10	<0.5	<2	20.8	<0.5	1	<1	3	0.48
L829470		13.26	<0.005	0.2	0.93	8	<10	320	<0.5	<2	1.80	0.7	6	9	6	2.72
L829471		8.22	<0.005	<0.2	1.03	2	<10	310	<0.5	<2	1.80	<0.5	5	10	8	2.45
L829472		11.10	<0.005	0.4	0.63	7	<10	100	0.5	<2	2.30	3.0	12	4	10	2.67
L829473		4.85	0.180	2.6	0.59	61	<10	20	0.8	4	2.27	5.3	11	2	33	6.06
L829474		2.35	0.168	2.2	0.58	49	<10	<10	0.8	7	2.72	4.0	10	2	24	5.76

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198197

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829439		<10	<1	0.27	10	0.57	1565	4	0.01	4	450	445	2.70	53	3	83
L829440		<10	<1	0.30	10	0.92	665	<1	<0.01	5	1070	10	0.05	2	4	264
L829441		<10	1	0.34	10	0.70	1495	<1	0.01	2	540	134	1.30	5	5	107
L829442		<10	1	0.33	10	0.49	1095	2	<0.01	2	490	114	2.96	13	3	65
L829443		<10	1	0.29	10	1.03	707	1	<0.01	3	650	19	0.22	<2	4	283
L829444		<10	<1	0.27	10	1.03	709	1	0.01	4	630	18	0.29	<2	4	265
L829445		<10	<1	0.03	<10	11.70	200	<1	0.01	4	160	<2	0.01	<2	<1	46
L829446		<10	<1	0.27	10	1.06	850	<1	0.01	4	650	17	0.14	<2	4	180
L829447		<10	<1	0.27	20	0.62	1690	1	0.01	2	540	155	0.50	5	7	111
L829448		<10	<1	0.26	20	0.64	989	<1	0.02	1	560	29	0.16	3	6	128
L829449		<10	1	0.29	10	0.54	2740	1	0.01	1	400	753	4.49	26	4	65
L829450		<10	<1	0.22	20	0.60	746	<1	0.02	<1	530	227	0.27	2	6	71
L829451		<10	1	0.35	<10	0.30	1220	1	<0.01	<1	410	1395	8.00	51	2	31
L829452		<10	1	0.25	20	0.79	651	1	0.01	2	570	15	0.23	2	6	140
L829453		<10	1	0.23	20	0.60	1005	<1	0.03	1	490	231	1.04	9	5	90
L829454		<10	<1	0.18	20	0.55	660	<1	0.02	1	510	14	0.08	2	7	109
L829455		<10	1	0.22	<10	1.09	605	44	0.31	315	640	8220	6.61	25	4	74
L829456		<10	1	0.23	20	0.58	552	1	0.06	2	520	15	0.07	2	6	110
L829457		<10	<1	0.26	20	0.66	1620	<1	0.01	1	450	499	1.24	10	5	110
L829458		<10	<1	0.19	20	0.65	1150	2	0.04	2	530	16	0.14	2	6	107
L829459		<10	<1	0.27	20	0.55	1515	<1	<0.01	1	540	906	1.43	10	5	90
L829460		<10	<1	0.33	20	0.60	5330	1	<0.01	1	500	109	0.57	7	6	97
L829461		<10	<1	0.17	20	0.56	495	1	0.05	2	530	32	0.12	<2	5	93
L829462		<10	1	0.15	20	0.62	447	<1	0.06	1	570	20	0.09	<2	4	110
L829463		<10	1	0.23	<10	1.13	618	44	0.32	318	640	8380	6.73	24	4	77
L829464		<10	1	0.12	20	0.66	441	<1	0.06	2	570	15	0.02	<2	4	81
L829465		<10	<1	0.17	20	0.67	975	<1	0.05	2	570	19	0.07	<2	5	90
L829466		<10	<1	0.16	20	0.68	484	1	0.07	2	600	10	0.06	<2	5	84
L829467		<10	<1	0.17	20	0.58	749	<1	0.07	2	530	72	0.09	<2	4	90
L829468		<10	<1	0.12	20	0.62	348	<1	0.07	2	560	15	0.05	<2	3	53
L829469		<10	<1	0.01	<10	12.65	220	<1	<0.01	2	160	<2	<0.01	<2	<1	46
L829470		<10	<1	0.16	20	0.63	712	<1	0.07	2	580	30	0.20	<2	6	89
L829471		<10	1	0.14	20	0.59	482	<1	0.09	2	550	8	0.37	2	6	104
L829472		<10	<1	0.21	20	0.54	666	<1	0.01	2	540	53	1.42	2	5	73
L829473		<10	<1	0.39	20	0.83	1335	<1	0.01	1	570	162	3.89	6	6	109
L829474		<10	<1	0.38	20	0.93	1375	<1	0.02	2	630	142	3.71	6	6	119

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198197

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L829439		<20	<0.01	<10	<10	15	<10	2110	17	
L829440		<20	<0.01	<10	<10	24	<10	52	<1	
L829441		<20	<0.01	<10	<10	18	<10	533	2	
L829442		<20	<0.01	<10	<10	11	<10	3400	7	
L829443		<20	<0.01	<10	<10	25	<10	58	1	
L829444		<20	<0.01	<10	<10	25	<10	63	<1	
L829445		<20	<0.01	<10	20	2	<10	20	<1	
L829446		<20	<0.01	<10	<10	29	<10	77	1	
L829447		<20	<0.01	<10	<10	29	<10	594	3	
L829448		20	<0.01	<10	<10	28	<10	193	<1	
L829449		<20	<0.01	<10	<10	16	<10	>10000	48	2.44
L829450		<20	0.01	<10	<10	35	<10	480	1	
L829451		<20	<0.01	<10	<10	8	<10	3790	28	
L829452		20	<0.01	<10	<10	33	<10	67	<1	
L829453		<20	0.01	<10	<10	29	<10	1160	5	
L829454		<20	<0.01	<10	<10	33	<10	52	<1	
L829455		<20	0.05	<10	<10	307	10	7690	32	
L829456		20	0.03	<10	<10	38	<10	66	1	
L829457		<20	<0.01	<10	<10	21	<10	850	5	
L829458		<20	0.02	<10	<10	37	<10	71	1	
L829459		20	<0.01	<10	<10	25	<10	3470	10	
L829460		<20	<0.01	<10	<10	16	<10	444	1	
L829461		<20	0.03	<10	<10	41	<10	106	1	
L829462		<20	0.09	<10	<10	49	<10	85	<1	
L829463		<20	0.05	<10	<10	317	10	7830	31	
L829464		<20	0.08	<10	<10	50	<10	46	<1	
L829465		<20	0.06	<10	<10	45	<10	89	<1	
L829466		<20	0.09	<10	<10	52	<10	49	2	
L829467		<20	0.06	<10	<10	41	<10	317	1	
L829468		<20	0.12	<10	<10	51	<10	35	<1	
L829469		<20	<0.01	<10	30	2	<10	16	<1	
L829470		<20	0.03	<10	<10	42	<10	77	1	
L829471		<20	0.02	<10	<10	39	<10	46	<1	
L829472		<20	<0.01	<10	<10	19	<10	212	1	
L829473		<20	<0.01	<10	<10	31	<10	418	2	
L829474		<20	<0.01	<10	<10	32	<10	329	2	

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198198

Project: Klaza DDH- 57

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11198198

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828034		4.98	0.899	6.2	0.52	730	<10	150	0.7	6	2.27	8.0	9	4	32	3.10
L828035		4.96	0.130	1.5	0.87	411	<10	100	0.6	3	1.52	11.7	8	5	21	3.49
L828036		2.89	<0.005	0.2	0.05	<2	<10	20	<0.5	2	19.4	<0.5	2	1	2	0.47
L828037		4.51	0.010	0.5	1.86	9	<10	180	1.1	3	1.81	4.7	8	6	10	3.43
L828038		4.77	3.04	39.5	0.69	5810	<10	20	0.6	60	1.25	610	8	4	465	4.46
L828039		14.79	0.068	0.6	0.90	108	<10	170	0.5	<2	1.44	6.2	8	7	18	2.64
L828040		12.61	0.028	0.5	1.01	208	<10	190	0.5	3	1.81	2.3	7	8	13	2.70
L828041		3.69	0.097	2.2	0.59	104	<10	60	0.6	4	2.24	16.2	8	3	38	3.74
L828042		8.38	0.005	0.4	0.96	7	<10	250	0.5	3	2.07	<0.5	10	7	21	2.70
L828043		0.08	1.430	31.8	4.71	138	<10	30	<0.5	13	4.38	30.0	84	53	6960	7.87
L828044		6.95	0.042	1.1	1.03	9	<10	300	0.5	4	1.79	10.2	9	7	21	2.93
L828045		6.64	<0.005	0.3	0.93	8	<10	1560	0.6	3	1.42	<0.5	9	6	3	2.53
L828046		7.24	0.014	1.1	0.98	15	<10	480	0.6	3	2.13	5.5	11	5	8	3.10
L828047		12.74	0.037	0.5	0.99	79	<10	240	<0.5	4	1.53	5.7	9	9	10	2.73
L828048		13.00	<0.005	0.2	1.07	7	<10	170	<0.5	2	1.43	<0.5	9	9	15	2.69
L828049		11.86	<0.005	0.2	1.00	9	<10	140	<0.5	3	1.94	<0.5	9	9	2	2.86
L828050		12.35	<0.005	0.2	1.00	5	<10	140	<0.5	2	1.63	<0.5	7	8	2	2.82
L828051		0.08	1.475	31.3	4.59	145	<10	30	<0.5	3	4.30	30.2	81	53	6860	7.87
L828052		7.92	0.005	<0.2	1.01	5	<10	120	<0.5	<2	1.32	0.7	7	11	12	2.96
L828053		5.69	<0.005	<0.2	1.07	4	<10	110	0.5	<2	1.25	<0.5	7	8	4	2.81
L828054		7.10	<0.005	<0.2	0.78	5	<10	120	0.6	<2	1.95	0.7	8	6	3	2.59
L828055		7.47	<0.005	<0.2	0.76	6	<10	80	0.6	<2	1.74	0.7	7	5	2	2.30
L828056		3.90	<0.005	<0.2	0.88	5	<10	90	0.6	<2	1.97	0.5	7	5	5	2.33
L828057		11.05	<0.005	<0.2	1.11	11	<10	100	0.8	<2	2.01	<0.5	6	5	3	2.69
L828058		3.49	0.692	4.3	0.39	1605	<10	20	0.5	3	1.15	9.0	20	5	72	5.85
L828059		15.66	<0.005	<0.2	1.01	4	<10	170	<0.5	<2	1.50	<0.5	7	8	4	2.61
L828060		8.79	<0.005	<0.2	0.85	6	<10	400	0.6	<2	1.76	<0.5	7	6	16	2.67
L828061		4.95	<0.005	<0.2	0.64	4	<10	480	0.5	<2	2.64	<0.5	5	4	2	1.94
L828062		12.12	<0.005	<0.2	1.15	4	<10	680	<0.5	<2	2.14	<0.5	6	8	2	2.90
L828063		12.10	0.006	<0.2	0.97	11	<10	240	<0.5	<2	1.60	<0.5	7	7	8	2.83
L828064		4.37	1.760	9.8	0.43	6410	<10	20	<0.5	8	0.49	39.3	14	4	256	6.55
L828065		2.44	0.007	<0.2	0.03	12	<10	10	<0.5	<2	19.2	<0.5	2	<1	1	0.45
L828066		4.67	<0.005	0.2	0.88	12	<10	240	0.5	<2	1.61	1.9	7	7	18	2.77
L828067		9.45	0.061	<0.2	1.03	13	<10	320	0.5	<2	2.26	2.4	8	6	8	2.63
L828068		7.56	<0.005	<0.2	1.33	6	<10	200	<0.5	<2	1.88	<0.5	8	7	8	2.74
L828069		4.01	0.373	2.2	0.76	98	<10	70	<0.5	3	3.65	<0.5	57	4	137	4.30

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CERTIFICATE OF ANALYSIS WH11198198

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828034		<10	<1	0.32	20	0.63	1610	2	<0.01	1	510	407	1.00	10	5	63
L828035		<10	<1	0.32	20	0.50	1240	1	0.02	1	540	439	1.56	6	5	58
L828036		<10	<1	0.03	<10	12.10	216	<1	<0.01	<1	180	3	0.02	<2	<1	48
L828037		10	<1	0.27	20	0.70	695	<1	0.02	<1	570	156	0.09	<2	6	60
L828038		<10	2	0.29	10	0.34	1790	<1	<0.01	2	450	1390	3.89	18	4	37
L828039		<10	<1	0.17	20	0.54	611	<1	0.04	1	540	42	0.17	5	5	47
L828040		<10	<1	0.18	20	0.61	586	1	0.04	1	560	72	0.08	3	4	59
L828041		<10	1	0.23	10	0.70	1100	1	<0.01	<1	480	405	1.51	5	6	68
L828042		<10	<1	0.17	20	0.64	551	2	0.04	1	540	11	0.20	<2	6	63
L828043		10	1	0.23	<10	1.13	595	46	0.30	293	650	7930	7.12	24	4	73
L828044		<10	<1	0.21	20	0.70	673	2	0.05	2	580	166	0.26	<2	6	64
L828045		<10	1	0.16	10	0.51	524	1	0.02	1	580	12	0.16	3	8	58
L828046		<10	<1	0.19	20	0.58	675	1	0.02	1	620	463	0.41	3	7	67
L828047		<10	<1	0.16	20	0.71	484	<1	0.07	1	580	28	0.14	2	7	58
L828048		<10	<1	0.15	20	0.69	444	1	0.08	2	590	7	0.08	2	6	57
L828049		<10	1	0.14	20	0.65	506	1	0.07	1	590	6	0.07	2	7	69
L828050		<10	1	0.16	20	0.68	603	1	0.06	1	580	9	0.02	<2	8	63
L828051		10	1	0.22	10	1.07	598	43	0.32	294	640	7810	6.89	24	4	74
L828052		<10	<1	0.15	20	0.61	542	1	0.09	3	580	42	0.06	2	6	56
L828053		<10	<1	0.13	20	0.58	360	1	0.09	2	560	10	0.01	4	7	64
L828054		<10	<1	0.13	30	0.51	594	1	0.02	2	620	10	0.02	4	9	57
L828055		<10	<1	0.12	30	0.38	491	<1	0.02	1	580	12	0.02	4	9	54
L828056		<10	<1	0.13	30	0.37	486	1	0.02	2	610	12	0.02	4	9	59
L828057		<10	<1	0.15	20	0.45	618	1	0.03	1	620	17	0.04	6	8	68
L828058		<10	1	0.29	10	0.32	3600	1	0.02	2	420	342	4.59	14	3	27
L828059		10	<1	0.13	20	0.60	391	1	0.08	2	580	9	0.02	2	6	55
L828060		<10	1	0.16	20	0.54	466	1	0.04	2	570	10	0.06	3	8	70
L828061		<10	<1	0.13	20	0.72	490	1	0.02	2	510	12	0.05	2	8	94
L828062		<10	1	0.14	20	0.74	496	1	0.06	2	630	7	0.04	2	7	77
L828063		<10	<1	0.17	20	0.61	523	1	0.06	2	580	22	0.16	3	5	49
L828064		<10	1	0.32	10	0.16	589	2	0.02	2	410	1180	6.34	29	2	11
L828065		<10	<1	0.02	<10	11.60	197	<1	0.03	3	160	3	0.03	<2	<1	47
L828066		<10	1	0.22	20	0.59	642	2	0.05	2	560	87	0.14	3	5	51
L828067		<10	<1	0.18	30	0.48	615	1	0.02	2	630	62	0.22	2	7	63
L828068		10	1	0.17	30	0.61	497	2	0.02	3	630	14	0.05	2	5	51
L828069		<10	<1	0.31	20	0.23	978	2	0.02	2	560	98	4.07	6	4	98

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198198

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L828034		<20	<0.01	<10	<10	13	<10	658	5	
L828035		<20	0.01	<10	<10	24	<10	956	1	
L828036		<20	<0.01	<10	<10	1	<10	17	<1	
L828037		<20	0.02	<10	<10	39	<10	415	<1	
L828038		<20	<0.01	<10	<10	18	<10	>10000	37	4.06
L828039		<20	0.02	<10	<10	41	<10	445	<1	
L828040		<20	0.05	<10	<10	43	<10	203	<1	
L828041		<20	<0.01	<10	<10	28	<10	1350	2	
L828042		<20	0.01	<10	<10	41	<10	79	<1	
L828043		<20	0.05	<10	<10	301	<10	7270	30	
L828044		<20	0.02	<10	<10	42	<10	757	<1	
L828045		<20	<0.01	<10	<10	40	<10	118	<1	
L828046		<20	<0.01	<10	<10	39	<10	516	1	
L828047		<20	0.02	<10	<10	46	<10	427	<1	
L828048		<20	0.05	<10	<10	49	<10	37	<1	
L828049		<20	0.02	<10	<10	47	<10	52	<1	
L828050		<20	0.01	<10	<10	45	<10	44	<1	
L828051		<20	0.05	<10	<10	298	<10	7050	32	
L828052		<20	0.03	<10	<10	48	<10	92	<1	
L828053		<20	0.01	<10	<10	44	<10	50	<1	
L828054		<20	<0.01	<10	<10	43	<10	192	<1	
L828055		<20	0.01	<10	<10	40	<10	153	<1	
L828056		<20	0.01	<10	<10	41	<10	157	1	
L828057		<20	<0.01	<10	<10	40	<10	150	<1	
L828058		<20	<0.01	<10	<10	9	<10	733	4	
L828059		<20	0.03	<10	<10	48	<10	36	<1	
L828060		<20	0.01	<10	<10	41	<10	51	<1	
L828061		<20	<0.01	<10	<10	35	<10	92	<1	
L828062		<20	0.02	<10	<10	48	<10	53	<1	
L828063		<20	0.03	<10	<10	45	<10	54	<1	
L828064		<20	<0.01	<10	<10	9	<10	2840	9	
L828065		<20	<0.01	<10	<10	2	<10	24	<1	
L828066		<20	0.03	<10	<10	42	<10	194	<1	
L828067		<20	<0.01	<10	<10	40	<10	259	<1	
L828068		<20	0.01	<10	<10	48	<10	54	<1	
L828069		<20	<0.01	<10	<10	27	<10	112	2	

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198199

Project: Klaza DDH- 61

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11198199

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976147		11.99	<0.005	0.3	1.03	12	<10	510	0.5	<2	2.06	0.5	5	7	4	2.82
K976148		13.81	<0.005	0.3	1.28	7	<10	320	0.5	<2	1.91	<0.5	6	8	4	2.91
K976149		8.35	0.006	0.5	0.76	28	<10	570	0.6	<2	2.46	0.7	6	5	4	2.27
K976150		6.31	3.69	48.5	0.53	644	<10	20	0.5	75	1.55	137.0	6	4	1925	6.76
K976151		2.82	<0.005	0.5	0.04	5	<10	20	<0.5	<2	18.9	<0.5	<1	1	10	0.44
K976152		12.35	0.023	1.5	0.96	31	<10	220	0.7	2	1.76	7.2	7	5	21	3.11
K976153		11.36	0.007	0.3	1.08	12	<10	200	0.6	<2	2.21	<0.5	6	7	19	2.63
K976154		10.87	<0.005	0.2	1.17	6	<10	220	<0.5	<2	1.61	<0.5	9	8	32	2.90
K976155		9.53	<0.005	<0.2	1.18	5	<10	330	<0.5	<2	1.40	<0.5	6	10	9	2.81
K976156		3.73	<0.005	0.2	1.19	10	<10	440	0.6	2	2.22	<0.5	9	10	17	2.78
K976157		7.89	0.005	0.3	1.22	13	<10	400	0.6	2	2.03	0.5	8	10	32	2.90
K976158		8.69	0.005	0.3	1.13	17	<10	140	0.6	<2	2.32	<0.5	5	6	17	2.63
K976159		9.91	<0.005	0.2	1.25	11	<10	270	<0.5	<2	1.39	<0.5	6	10	26	3.06
K976160		13.82	<0.005	0.2	1.15	5	<10	270	<0.5	2	1.33	<0.5	5	9	12	2.83
K976161		13.29	0.008	0.2	1.23	13	<10	400	<0.5	<2	1.45	<0.5	7	9	6	3.14
K976162		10.08	<0.005	0.3	1.20	15	<10	220	0.5	<2	1.67	<0.5	6	9	10	3.05
K976163		0.08	1.145	32.3	4.83	148	<10	40	<0.5	<2	4.59	32.0	86	58	7150	8.21
K976164		6.23	0.005	0.3	1.29	12	<10	210	0.5	<2	1.29	<0.5	8	10	48	3.05
K976165		3.55	0.092	7.6	0.75	400	<10	50	0.6	10	2.95	32.4	7	6	206	3.95
K976166		11.91	<0.005	0.2	1.34	7	<10	540	<0.5	<2	1.43	<0.5	7	13	8	2.96
K976167		12.52	0.049	0.2	1.11	7	<10	740	0.5	<2	1.77	<0.5	7	9	6	2.76
K976168		2.47	0.103	3.4	0.89	160	<10	90	0.7	5	1.98	83.9	7	5	57	3.71
K976169		8.06	0.032	0.4	1.16	9	<10	580	0.5	<2	2.00	11.0	6	8	10	2.91
K976170		7.53	0.009	0.3	1.18	11	<10	610	<0.5	<2	1.56	1.8	6	10	7	3.19
K976171		2.26	0.367	7.3	0.68	1225	<10	150	0.7	6	3.43	12.1	5	4	42	4.83
K976172		2.49	<0.005	0.2	0.12	5	<10	20	<0.5	<2	18.7	<0.5	<1	2	3	0.45
K976173		5.50	0.005	<0.2	1.03	4	<10	250	<0.5	2	1.40	<0.5	8	9	26	2.57
K976174		1.89	0.080	15.1	0.72	359	<10	130	<0.5	23	1.50	62.8	8	6	317	3.84
K976175		10.85	<0.005	<0.2	1.18	5	<10	320	<0.5	<2	1.22	<0.5	7	10	17	2.64
K976176		9.34	0.006	<0.2	0.93	14	<10	610	0.5	<2	1.90	<0.5	9	9	12	2.56
K976177		5.30	0.148	3.0	0.62	146	<10	170	0.6	4	2.60	11.4	8	5	34	3.15
K976178		10.66	0.029	0.8	1.88	17	<10	470	<0.5	2	2.58	2.2	15	42	17	3.81
K976179		0.08	1.185	30.9	4.65	136	<10	40	<0.5	3	4.41	30.7	82	56	6970	7.83
K976180		10.58	0.012	0.9	2.01	25	<10	820	<0.5	<2	3.28	0.6	13	40	22	4.05
K976181		11.59	0.005	0.3	0.91	9	<10	410	<0.5	2	1.42	<0.5	7	7	6	2.47
K976182		12.58	0.013	0.8	0.81	24	<10	470	0.6	<2	2.15	0.9	7	7	6	2.56

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11198199

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976147		<10	<1	0.28	30	0.69	720	<1	0.05	1	600	32	0.19	<2	6	88
K976148		<10	1	0.20	30	0.67	476	1	0.06	1	610	11	0.22	<2	7	95
K976149		<10	1	0.32	20	0.70	927	<1	0.01	2	570	32	0.51	<2	6	131
K976150		<10	1	0.37	10	0.50	2940	2	<0.01	<1	420	422	5.52	33	4	54
K976151		<10	<1	0.03	<10	11.70	209	<1	<0.01	1	170	4	0.04	<2	<1	46
K976152		<10	<1	0.34	30	0.58	934	5	0.01	1	570	106	0.79	3	6	96
K976153		<10	<1	0.21	20	0.62	509	7	0.04	1	610	20	0.28	4	7	104
K976154		<10	<1	0.17	20	0.66	378	2	0.07	1	640	10	0.39	<2	6	72
K976155		<10	<1	0.16	20	0.73	345	2	0.08	1	570	11	0.46	<2	5	74
K976156		<10	<1	0.24	30	0.58	455	2	0.06	1	600	13	0.69	<2	6	107
K976157		<10	<1	0.26	30	0.60	508	5	0.05	1	570	31	0.69	<2	6	98
K976158		<10	<1	0.28	20	0.54	547	3	0.03	1	590	16	0.90	<2	5	93
K976159		10	<1	0.22	20	0.79	456	2	0.08	1	610	13	1.04	<2	6	71
K976160		<10	<1	0.16	20	0.75	446	1	0.07	1	610	8	0.81	<2	6	87
K976161		<10	<1	0.21	20	0.71	603	<1	0.08	1	590	17	0.63	<2	6	76
K976162		<10	1	0.18	20	0.70	594	2	0.06	1	660	12	0.17	<2	7	76
K976163		<10	1	0.24	<10	1.14	634	48	0.33	313	680	8260	7.28	25	4	76
K976164		<10	<1	0.20	20	0.70	521	5	0.09	2	640	30	0.39	<2	6	87
K976165		<10	1	0.35	10	0.64	2440	5	0.02	<1	510	1260	2.31	6	5	93
K976166		<10	<1	0.24	20	0.79	508	1	0.10	2	580	19	0.56	<2	6	96
K976167		<10	<1	0.20	20	0.67	545	1	0.07	1	590	14	0.45	<2	7	109
K976168		<10	<1	0.39	20	0.45	1635	1	0.01	<1	520	99	2.27	3	5	80
K976169		<10	<1	0.22	20	0.62	543	1	0.07	1	560	16	0.46	<2	7	106
K976170		<10	<1	0.26	20	0.70	592	1	0.10	2	590	29	0.53	<2	6	93
K976171		<10	<1	0.35	10	0.91	4350	11	0.01	<1	470	524	2.14	18	6	114
K976172		<10	<1	0.03	<10	11.70	210	<1	<0.01	1	180	4	0.03	<2	<1	47
K976173		<10	<1	0.19	20	0.64	446	1	0.10	7	550	14	0.16	<2	5	71
K976174		<10	<1	0.34	10	0.63	1555	1	0.04	3	470	313	1.85	7	4	66
K976175		<10	<1	0.23	20	0.64	401	<1	0.12	2	570	10	0.12	<2	5	59
K976176		<10	<1	0.32	20	0.66	576	<1	0.08	1	510	8	0.48	2	6	112
K976177		<10	<1	0.29	10	0.70	1355	<1	0.02	1	470	534	1.44	3	5	106
K976178		10	<1	0.17	20	1.43	744	<1	0.18	3	1040	40	0.49	<2	9	179
K976179		<10	<1	0.23	<10	1.08	589	42	0.32	306	640	7950	7.06	26	4	75
K976180		10	<1	0.15	20	1.42	1090	3	0.16	4	1070	90	0.44	2	12	238
K976181		<10	<1	0.22	20	0.57	572	<1	0.08	1	510	17	0.18	<2	6	89
K976182		<10	<1	0.27	20	0.69	1115	1	0.04	2	570	113	0.37	<2	7	118

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11198199

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K976147		<20	0.01	<10	<10	40	<10	112	<1
K976148		<20	0.02	<10	<10	46	<10	50	<1
K976149		<20	<0.01	<10	<10	24	<10	92	<1
K976150		<20	<0.01	<10	<10	11	<10	9130	40
K976151		<20	<0.01	<10	<10	<1	<10	61	<1
K976152		<20	<0.01	<10	<10	27	<10	547	1
K976153		<20	0.01	<10	<10	41	<10	64	<1
K976154		<20	0.06	<10	<10	58	<10	57	<1
K976155		<20	0.06	<10	<10	51	<10	38	<1
K976156		20	0.01	<10	<10	41	<10	56	<1
K976157		20	0.01	<10	<10	39	<10	82	<1
K976158		<20	<0.01	<10	<10	29	<10	69	1
K976159		<20	0.01	<10	<10	45	<10	64	<1
K976160		20	0.01	<10	<10	46	<10	42	<1
K976161		<20	0.04	<10	<10	50	<10	55	1
K976162		<20	0.04	<10	<10	60	<10	58	<1
K976163		<20	0.06	<10	<10	322	<10	7710	32
K976164		<20	0.04	<10	<10	57	<10	71	<1
K976165		<20	0.01	<10	<10	23	<10	2430	6
K976166		<20	0.06	<10	<10	53	<10	53	1
K976167		<20	0.04	<10	<10	48	<10	49	<1
K976168		<20	<0.01	<10	<10	23	<10	5550	3
K976169		<20	0.02	<10	<10	45	<10	783	<1
K976170		<20	0.04	<10	<10	49	<10	165	<1
K976171		<20	<0.01	<10	<10	20	<10	1260	6
K976172		<20	<0.01	<10	<10	2	<10	31	<1
K976173		<20	0.08	<10	<10	51	<10	44	<1
K976174		<20	0.01	<10	<10	27	<10	4260	14
K976175		<20	0.13	<10	<10	59	<10	56	<1
K976176		<20	0.02	<10	<10	36	<10	48	<1
K976177		<20	<0.01	<10	<10	20	<10	818	2
K976178		<20	0.15	<10	<10	127	<10	202	<1
K976179		<20	0.05	<10	<10	308	<10	7360	35
K976180		<20	0.08	<10	<10	128	<10	137	<1
K976181		<20	0.03	<10	<10	42	<10	51	<1
K976182		<20	0.01	<10	<10	37	<10	162	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198210

Project: Klaza DDH- 61

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11198210

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976107		2.03	2.06	50.1	0.69	2940	<10	20	0.5	74	1.75	119.5	12	4	1055	5.18
K976108		5.38	0.028	0.3	0.84	42	<10	870	0.8	<2	2.45	0.9	7	5	15	2.37
K976109		3.96	0.531	3.3	0.61	637	<10	20	<0.5	3	1.66	21.8	6	3	55	6.00
K976110		9.37	0.097	1.2	0.88	187	<10	180	0.5	<2	1.71	13.3	8	7	51	3.73
K976111		6.30	0.007	0.3	0.65	37	<10	530	0.6	<2	2.71	<0.5	6	4	26	2.95
K976112		11.72	0.011	<0.2	0.99	14	<10	370	0.6	<2	2.26	<0.5	7	6	16	2.66
K976113		4.23	0.021	1.3	0.80	87	<10	290	0.7	2	2.06	22.5	6	4	72	3.65
K976114		4.60	0.369	7.1	0.66	298	<10	30	0.6	14	2.16	18.5	13	4	56	5.04
K976115		2.90	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.4	<0.5	<1	1	3	0.43
K976116		4.29	<0.005	<0.2	0.88	6	<10	260	0.5	<2	1.44	<0.5	4	4	9	2.40
K976117		10.26	<0.005	<0.2	1.29	7	<10	240	<0.5	<2	2.15	<0.5	6	7	7	2.56
K976118		13.50	<0.005	<0.2	1.21	10	<10	250	<0.5	<2	1.77	<0.5	8	9	11	2.48
K976119		5.27	0.012	0.4	0.94	17	<10	160	<0.5	<2	1.85	6.6	5	7	17	2.68
K976120		0.21	3.44	>100	0.17	>10000	<10	10	<0.5	<2	0.39	311	2	8	1500	13.25
K976121		4.55	0.005	0.2	0.83	27	<10	200	0.7	<2	2.04	4.8	7	5	15	2.84
K976122		5.53	0.291	5.3	0.70	422	<10	30	0.6	11	1.25	46.9	7	5	83	6.15
K976123		6.80	0.007	0.5	0.91	17	<10	380	0.6	<2	2.13	<0.5	13	6	15	2.36
K976124		10.11	0.008	<0.2	1.23	15	<10	380	0.6	<2	2.20	<0.5	6	6	11	2.67
K976125		6.32	0.017	<0.2	1.01	42	<10	630	0.5	<2	1.98	<0.5	6	7	8	2.70
K976126		4.36	0.018	<0.2	1.03	53	<10	1050	0.5	<2	1.69	<0.5	5	8	9	2.68
K976127		8.80	<0.005	<0.2	0.89	11	<10	450	0.7	<2	2.23	<0.5	5	5	11	2.51
K976128		2.66	4.62	28.6	0.52	332	<10	10	0.6	84	0.71	25.7	10	5	101	8.64
K976129		14.06	0.006	<0.2	0.71	29	<10	770	0.8	2	2.86	0.9	6	3	10	2.36
K976130		14.11	0.034	0.4	0.75	19	<10	530	0.9	<2	3.02	6.2	6	3	12	2.32
K976131		2.94	8.76	79.7	0.34	810	<10	10	<0.5	107	1.04	>1000	4	3	1730	7.73
K976132		3.49	0.010	<0.2	0.05	2	<10	20	<0.5	<2	18.9	1.3	2	1	1	0.46
K976133		4.28	0.072	0.5	0.67	72	<10	340	0.8	<2	2.03	9.3	5	5	19	2.84
K976134		7.96	<0.005	<0.2	1.07	7	<10	560	0.7	<2	1.74	<0.5	6	6	7	2.59
K976135		7.34	0.005	<0.2	0.98	6	<10	400	0.6	<2	1.78	0.5	6	7	11	2.53
K976136		6.14	0.017	0.4	0.72	41	<10	440	0.8	<2	2.29	1.5	5	6	83	2.59
K976137		2.99	0.085	2.5	0.64	282	<10	40	0.6	5	1.34	6.6	5	4	52	4.92
K976138		10.08	0.020	0.5	0.93	33	<10	320	0.6	2	1.86	1.2	6	7	23	3.12
K976139		0.19	3.28	>100	0.17	>10000	<10	10	<0.5	2	0.40	322	2	8	1625	13.70
K976144		3.12	0.041	1.1	1.01	258	<10	230	0.6	<2	1.18	4.2	6	6	43	3.29
K976145		12.38	0.138	6.1	1.19	425	<10	100	0.6	10	1.51	6.8	4	6	124	4.56
K976146		5.02	1.420	>100	0.56	1050	<10	20	<0.5	205	0.74	20.2	12	5	1660	8.73

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11198210

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976107		<10	2	0.32	<10	0.66	816	14	0.03	1	280	469	5.32	186	2	68
K976108		<10	<1	0.35	10	1.03	936	<1	0.03	5	900	28	0.32	4	4	219
K976109		<10	<1	0.43	10	0.63	1570	<1	0.03	1	450	405	6.57	12	2	56
K976110		<10	<1	0.36	20	0.59	1265	<1	0.07	3	550	374	1.28	4	6	74
K976111		<10	<1	0.38	20	0.71	1190	<1	0.04	1	510	19	0.45	<2	5	116
K976112		<10	<1	0.25	20	0.68	598	<1	0.07	2	570	12	0.32	<2	8	112
K976113		<10	<1	0.35	20	0.72	1105	<1	0.04	2	550	100	1.09	<2	6	96
K976114		<10	<1	0.33	10	0.73	1435	1	0.03	2	460	202	4.07	8	5	93
K976115		<10	<1	0.03	<10	11.65	203	<1	0.03	3	190	<2	0.06	<2	<1	47
K976116		<10	<1	0.21	20	0.50	685	1	0.03	2	570	14	0.11	3	8	60
K976117		<10	<1	0.20	20	0.65	531	1	0.09	2	560	11	0.09	<2	6	107
K976118		<10	<1	0.25	20	0.59	540	1	0.12	2	530	9	0.22	<2	6	87
K976119		<10	<1	0.27	20	0.58	975	<1	0.08	2	510	71	0.36	2	5	88
K976120		<10	1	0.07	<10	0.16	1405	<1	0.03	11	130	>10000	>10.0	538	1	20
K976121		<10	1	0.30	20	0.62	1060	<1	0.04	1	540	90	0.45	4	7	100
K976122		<10	<1	0.43	10	0.52	2080	<1	0.03	1	470	392	4.24	7	4	57
K976123		<10	<1	0.40	20	0.55	716	<1	0.05	1	550	16	0.46	3	5	99
K976124		<10	<1	0.32	30	0.63	713	<1	0.05	2	570	13	0.23	4	7	108
K976125		<10	<1	0.23	20	0.64	680	<1	0.07	3	550	19	0.19	<2	6	104
K976126		<10	<1	0.25	20	0.63	642	<1	0.10	2	540	21	0.18	3	6	99
K976127		<10	<1	0.31	30	0.67	773	<1	0.05	1	580	18	0.15	3	6	137
K976128		<10	1	0.31	<10	0.27	773	2	0.01	2	350	796	8.92	10	2	49
K976129		<10	1	0.37	10	0.89	657	1	0.01	2	630	22	0.19	2	4	263
K976130		<10	1	0.41	10	0.90	649	<1	0.01	1	650	140	0.19	2	4	259
K976131		<10	7	0.24	10	0.37	2330	6	0.01	<1	140	766	>10.0	62	<1	23
K976132		<10	<1	0.03	<10	11.60	210	<1	0.03	1	170	2	0.03	2	<1	47
K976133		<10	1	0.39	20	0.62	1225	<1	0.02	<1	540	125	0.78	3	6	119
K976134		<10	1	0.24	30	0.51	529	<1	0.01	<1	620	10	0.08	4	8	78
K976135		<10	1	0.24	30	0.45	493	1	0.03	1	590	9	0.12	6	8	88
K976136		<10	1	0.33	20	0.67	721	1	0.02	<1	540	124	0.23	13	7	144
K976137		<10	<1	0.38	10	0.41	1780	<1	0.02	<1	510	185	3.27	7	4	63
K976138		<10	1	0.37	20	0.58	1605	<1	0.04	1	550	57	0.47	2	6	92
K976139		<10	1	0.07	<10	0.17	1445	<1	0.01	8	140	>10000	>10.0	553	1	19
K976144		<10	<1	0.45	20	0.47	1610	<1	0.03	1	520	82	1.19	10	5	45
K976145		<10	<1	0.37	20	0.51	1525	1	0.02	<1	540	132	2.29	23	6	61
K976146		<10	2	0.40	10	0.34	1200	4	0.01	<1	380	1735	8.88	182	3	29

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11198210

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K976107		<20	<0.01	<10	<10	10	20	7340	48		
K976108		<20	<0.01	<10	<10	25	<10	137	<1		
K976109		<20	<0.01	<10	<10	8	<10	1630	2		
K976110		<20	<0.01	<10	<10	29	<10	1030	1		
K976111		<20	<0.01	<10	<10	21	<10	67	<1		
K976112		<20	<0.01	<10	<10	37	<10	50	<1		
K976113		<20	<0.01	<10	<10	25	<10	2570	1		
K976114		<20	<0.01	<10	<10	18	<10	1360	6		
K976115		<20	<0.01	<10	10	1	<10	34	<1		
K976116		<20	<0.01	<10	<10	34	<10	50	<1		
K976117		<20	0.03	<10	<10	44	<10	42	<1		
K976118		<20	0.02	<10	<10	42	<10	44	<1		
K976119		<20	0.01	<10	<10	35	<10	781	<1		
K976120		<20	<0.01	<10	<10	8	140	>10000	423	3.08	3.52
K976121		<20	<0.01	<10	<10	30	<10	594	<1		
K976122		<20	<0.01	<10	<10	15	10	4750	4		
K976123		<20	<0.01	<10	<10	26	<10	70	1		
K976124		20	<0.01	<10	<10	34	<10	61	<1		
K976125		<20	0.01	<10	<10	39	<10	56	<1		
K976126		<20	0.02	<10	<10	42	<10	55	2		
K976127		20	<0.01	<10	<10	32	<10	56	<1		
K976128		<20	<0.01	<10	<10	14	<10	1770	27		
K976129		<20	<0.01	<10	<10	29	<10	114	<1		
K976130		<20	<0.01	<10	<10	30	<10	485	1		
K976131		<20	<0.01	<10	<10	8	10	>10000	83		17.05
K976132		<20	<0.01	<10	<10	2	<10	120	<1		
K976133		<20	<0.01	<10	<10	23	<10	696	1		
K976134		20	<0.01	<10	<10	41	<10	66	<1		
K976135		20	<0.01	<10	<10	38	<10	84	<1		
K976136		<20	<0.01	<10	<10	32	<10	137	1		
K976137		<20	<0.01	<10	<10	15	<10	589	2		
K976138		<20	0.01	<10	<10	31	<10	145	<1		
K976139		<20	<0.01	<10	<10	8	150	>10000	426	3.15	3.67
K976144		<20	<0.01	<10	<10	24	<10	397	2		
K976145		<20	<0.01	<10	<10	31	<10	646	6		
K976146		<20	<0.01	<10	10	13	<10	1545	105		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198211

Project: Klaza DDH- 60

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 22- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11198211

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K976327		3.20	0.379	6.0	0.43	460	<10	60	0.5	11	2.12	3.6	4	5	84	4.58
K976328		5.07	0.549	16.5	0.50	803	<10	100	0.5	29	0.55	7.9	4	4	121	6.36
K976329		2.94	<0.005	<0.2	0.04	4	<10	10	<0.5	2	19.3	<0.5	<1	<1	5	0.46
K976330		10.93	0.016	0.3	0.69	56	<10	610	0.8	<2	2.11	0.6	4	4	11	3.08
K976331		8.73	<0.005	<0.2	0.82	14	<10	1130	0.8	<2	2.13	<0.5	4	6	3	2.69
K976332		9.66	0.013	1.4	0.69	61	<10	420	0.8	<2	2.50	1.5	5	5	295	3.19
K976333		7.32	0.044	0.7	0.65	100	<10	300	0.7	<2	2.23	5.3	4	4	21	3.62
K976334		2.93	<0.005	<0.2	1.08	7	<10	1200	1.0	<2	1.90	0.6	4	5	3	4.04
K976335		7.48	<0.005	<0.2	1.26	9	<10	710	0.8	<2	2.34	<0.5	4	7	3	3.09
K976336		3.10	<0.005	0.3	0.65	16	<10	610	0.8	<2	2.74	1.6	4	4	24	2.31
K976337		4.58	2.53	72.5	0.46	1360	<10	30	0.5	234	0.73	19.5	7	4	1575	9.41
K976338		3.49	0.010	<0.2	0.05	3	<10	30	<0.5	<2	18.8	<0.5	1	<1	6	0.47
K976339		6.03	0.032	0.8	0.68	161	<10	420	0.8	<2	2.19	1.5	4	5	68	4.04
K976340		4.96	0.123	6.3	0.52	192	<10	60	<0.5	10	0.60	11.9	3	5	68	5.89
K976341		5.53	0.922	3.3	0.51	943	<10	30	0.5	2	0.92	8.8	4	5	101	5.82
K976342		7.80	0.196	5.0	0.92	179	<10	200	0.7	13	2.69	2.2	5	7	248	3.40
K976343		4.07	0.477	7.6	0.57	1510	<10	40	<0.5	5	1.17	4.1	4	5	355	6.67
K976344		7.79	0.009	<0.2	1.10	19	<10	480	0.5	<2	1.89	0.5	6	9	6	3.14
K976345		0.17	3.32	>100	0.18	>10000	<10	20	<0.5	<2	0.41	341	2	9	1650	14.1
K976346		5.44	<0.005	0.7	0.94	205	<10	310	0.8	<2	2.02	0.8	6	6	10	3.20
K976347		4.14	0.235	59.7	0.48	274	<10	30	0.7	65	2.26	42.7	5	4	94	3.90
K976348		9.50	0.020	0.4	0.75	55	<10	520	0.7	<2	3.00	0.6	4	5	7	2.76
K976349		3.98	0.078	2.3	0.72	547	<10	150	0.8	<2	2.69	6.1	5	6	31	3.56
K976350		7.67	0.021	<0.2	1.32	218	<10	500	0.6	<2	2.09	2.9	7	8	7	2.82
K976351		3.45	0.388	4.2	0.69	2270	<10	70	0.6	<2	2.02	4.9	6	5	121	4.86
K976352		10.09	0.032	0.2	1.18	16	<10	140	<0.5	<2	1.59	2.4	6	9	21	3.16
K976353		11.99	0.006	<0.2	1.14	11	<10	270	0.5	<2	1.97	0.7	6	10	22	2.93
K976354		0.09	1.410	33.3	5.04	158	<10	40	<0.5	7	4.39	34.1	90	59	7560	8.36
K976355		11.30	0.016	0.2	1.08	39	<10	270	0.6	<2	1.87	0.7	9	9	27	3.08
K976356		11.80	0.006	<0.2	0.94	10	<10	330	0.5	<2	1.82	<0.5	6	8	13	2.74
K976357		8.49	0.086	1.7	0.71	147	<10	120	0.8	<2	1.64	12.4	10	5	60	4.25
K976358		8.19	1.170	26.0	0.38	797	<10	30	<0.5	36	1.96	24.4	4	6	675	4.98
K976359		9.31	0.019	0.8	0.70	197	<10	1380	0.9	<2	2.81	0.6	5	4	15	2.15
K976360		9.24	<0.005	0.2	0.96	7	<10	1390	0.9	<2	2.90	<0.5	4	2	4	1.96
K976361		4.93	0.018	0.2	0.75	9	<10	2200	0.8	<2	3.32	<0.5	4	3	6	2.03
K976362		3.00	0.008	0.2	0.79	4	<10	2210	0.8	<2	3.54	0.6	4	3	6	1.96

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11198211

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K976327		<10	1	0.27	10	0.71	4350	7	0.02	1	270	179	2.66	24	3	44
K976328		<10	<1	0.36	10	0.32	5350	2	0.02	<1	470	249	3.37	20	3	19
K976329		<10	<1	0.02	<10	11.80	223	<1	0.02	1	180	<2	0.08	<2	<1	46
K976330		<10	<1	0.33	20	0.70	1870	2	0.01	7	520	31	0.33	3	8	79
K976331		<10	1	0.28	30	0.69	880	1	0.01	3	560	15	0.23	<2	8	93
K976332		<10	1	0.34	20	0.82	1505	<1	0.01	2	570	49	0.53	17	7	91
K976333		<10	1	0.39	20	0.74	2240	<1	0.01	2	550	93	0.89	4	6	76
K976334		<10	<1	0.33	20	0.77	1280	<1	0.01	1	560	14	0.15	2	9	102
K976335		<10	<1	0.26	20	0.82	600	<1	0.03	<1	570	14	0.11	3	8	128
K976336		<10	<1	0.36	20	0.74	1105	1	0.01	1	540	83	0.36	2	7	109
K976337		<10	1	0.34	10	0.33	6390	<1	0.01	<1	400	788	8.63	53	3	28
K976338		<10	<1	0.03	<10	11.90	225	<1	0.01	1	180	2	0.05	<2	<1	49
K976339		<10	1	0.38	10	0.78	2460	1	0.01	1	490	32	0.68	16	6	89
K976340		<10	1	0.36	10	0.32	6120	1	0.01	1	480	289	2.37	10	4	20
K976341		<10	<1	0.39	10	0.41	3260	1	0.01	1	490	147	3.71	11	3	27
K976342		<10	1	0.33	20	0.63	1310	<1	0.02	1	550	86	1.39	10	6	95
K976343		<10	1	0.38	10	0.37	1495	1	0.01	<1	480	224	6.17	30	3	37
K976344		<10	1	0.25	20	0.67	868	<1	0.06	2	570	15	0.19	3	7	109
K976345		<10	1	0.08	<10	0.17	1490	<1	0.01	9	130	>10000	>10.0	585	1	19
K976346		<10	1	0.28	30	0.61	1505	<1	0.01	1	620	53	0.27	5	8	80
K976347		<10	1	0.31	10	0.65	2790	5	0.01	1	460	8100	3.67	39	5	89
K976348		<10	1	0.34	20	0.68	1280	<1	0.02	2	580	33	0.38	4	6	120
K976349		<10	<1	0.35	20	0.81	3760	<1	0.01	1	540	122	1.12	9	6	101
K976350		<10	<1	0.20	20	0.69	538	<1	0.06	1	590	93	0.13	24	7	104
K976351		<10	<1	0.36	10	0.53	2710	2	0.01	2	650	127	3.08	25	5	71
K976352		<10	<1	0.20	20	0.70	642	<1	0.06	1	580	17	0.19	<2	5	68
K976353		<10	<1	0.20	20	0.67	640	<1	0.07	2	580	19	0.13	<2	6	87
K976354		10	1	0.24	10	1.15	641	47	0.33	331	680	8890	7.61	28	5	78
K976355		<10	1	0.23	20	0.68	1010	3	0.05	2	580	26	0.20	2	7	85
K976356		<10	1	0.22	20	0.68	579	<1	0.06	1	560	15	0.12	2	7	102
K976357		<10	<1	0.34	10	0.61	1630	<1	0.01	1	500	156	1.64	6	5	80
K976358		<10	1	0.25	10	0.64	2500	7	0.01	1	300	219	4.87	186	2	49
K976359		<10	1	0.33	20	0.78	828	3	0.01	3	880	50	0.26	5	4	198
K976360		<10	<1	0.35	20	0.67	516	1	0.01	1	880	22	0.07	3	3	313
K976361		<10	<1	0.33	20	0.73	623	2	0.01	2	950	25	0.10	<2	4	289
K976362		<10	1	0.35	20	0.70	548	2	0.01	3	920	23	0.10	2	4	302

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 60

CERTIFICATE OF ANALYSIS WH11198211

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
K976327		<20	<0.01	<10	<10	9	<10	342	6		
K976328		<20	<0.01	<10	<10	10	<10	579	14		
K976329		<20	<0.01	<10	<10	2	<10	15	<1		
K976330		<20	<0.01	<10	<10	25	<10	82	<1		
K976331		<20	<0.01	<10	<10	31	<10	69	<1		
K976332		<20	<0.01	<10	<10	28	<10	144	1		
K976333		<20	<0.01	<10	<10	22	<10	471	<1		
K976334		<20	<0.01	<10	<10	38	<10	91	<1		
K976335		<20	<0.01	<10	<10	37	<10	52	<1		
K976336		<20	<0.01	<10	<10	23	<10	141	<1		
K976337		<20	<0.01	<10	<10	9	<10	1760	70		
K976338		<20	<0.01	<10	<10	2	<10	18	<1		
K976339		<20	<0.01	<10	<10	20	<10	166	<1		
K976340		<20	<0.01	<10	<10	9	<10	1050	5		
K976341		<20	<0.01	<10	<10	9	<10	719	3		
K976342		<20	<0.01	<10	<10	27	<10	179	5		
K976343		<20	<0.01	<10	<10	11	<10	321	7		
K976344		<20	0.01	<10	<10	41	<10	73	<1		
K976345		<20	<0.01	<10	<10	8	160	>10000	425	3.03	3.54
K976346		<20	<0.01	<10	<10	35	<10	148	1		
K976347		<20	<0.01	<10	<10	14	<10	4070	56		
K976348		<20	<0.01	<10	<10	23	<10	81	<1		
K976349		<20	<0.01	<10	<10	20	<10	568	2		
K976350		<20	0.02	<10	<10	45	<10	170	<1		
K976351		<20	<0.01	<10	<10	16	<10	423	3		
K976352		<20	0.05	<10	<10	50	<10	287	1		
K976353		<20	0.04	<10	<10	50	<10	91	<1		
K976354		<20	0.06	<10	<10	328	20	8220	34		
K976355		<20	0.01	<10	<10	43	<10	94	<1		
K976356		<20	0.01	<10	<10	40	<10	43	<1		
K976357		<20	<0.01	<10	<10	18	<10	1325	1		
K976358		<20	<0.01	<10	<10	6	<10	1750	26		
K976359		<20	<0.01	<10	<10	14	<10	104	1		
K976360		<20	<0.01	<10	<10	11	<10	98	<1		
K976361		<20	<0.01	<10	<10	14	<10	97	<1		
K976362		<20	<0.01	<10	<10	15	<10	104	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198212

Project: Klaza DDH- 58

P.O. No.: Batch 6

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198212

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829090		8.02	0.352	1.4	0.94	106	<10	180	0.5	3	1.72	5.7	7	11	19	3.57
L829091		5.74	<0.005	<0.2	0.89	7	<10	550	0.6	<2	1.91	<0.5	7	7	3	2.87
L829092		0.12	1.660	33.3	4.61	146	10	50	<0.5	<2	4.50	31.4	85	54	6840	8.02
L829093		5.62	<0.005	0.2	1.15	12	<10	200	<0.5	<2	1.36	<0.5	4	12	9	2.88

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VANCOUVER BC V6B 1L8

Finalized Date: 26- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198212

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829090		<10	<1	0.23	20	0.56	811	<1	0.05	2	600	149	1.02	<2	6	85
L829091		<10	<1	0.16	20	0.55	672	1	0.02	1	640	9	0.07	<2	9	78
L829092		10	1	0.22	10	1.10	590	47	0.33	304	650	8210	7.11	26	4	75
L829093		<10	<1	0.18	20	0.63	407	1	0.13	2	550	16	0.08	2	6	80

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VANCOUVER BC V6B 1L8

Finalized Date: 26- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198212

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L829090		<20	0.02	<10	<10	40	<10	541	<1
L829091		<20	<0.01	<10	<10	45	<10	43	<1
L829092		<20	0.05	<10	10	300	10	7300	32
L829093		<20	0.04	<10	<10	50	<10	39	<1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198501

Project: Klaza DDH- 53

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198501

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828668		6.32	<0.005	<0.2	1.28	6	<10	210	0.5	<2	1.79	<0.5	7	7	13	2.47
L828669		9.45	0.005	0.2	1.09	12	<10	240	0.5	<2	1.69	<0.5	6	9	28	2.74
L828670		2.69	1.330	>100	0.48	1540	<10	30	0.6	3	4.31	38.2	7	3	1660	6.42
L828671		1.71	<0.005	<0.2	0.03	4	<10	30	<0.5	<2	18.5	<0.5	<1	<1	7	0.45
L828672		12.64	<0.005	0.2	0.61	6	<10	1480	0.8	<2	2.42	<0.5	4	3	5	1.83
L828673		12.43	<0.005	<0.2	0.62	5	<10	1220	0.8	<2	3.30	<0.5	4	2	4	1.71
L828674		12.95	<0.005	<0.2	0.65	11	<10	840	0.9	<2	2.51	<0.5	5	3	6	2.03
L828675		0.08	1.490	32.5	4.94	148	<10	40	<0.5	<2	4.34	33.7	88	57	7470	8.16
L828676		5.23	0.011	0.2	0.64	12	<10	1100	0.8	<2	1.97	0.6	6	5	26	2.57
L828677		8.21	0.130	4.0	0.47	234	<10	40	<0.5	<2	2.60	15.1	8	2	53	3.60
L828678		4.37	0.819	14.7	0.42	3860	<10	30	<0.5	6	1.21	36.7	5	3	128	5.15
L828679		6.61	0.269	13.2	0.38	638	<10	30	<0.5	5	1.55	25.7	6	2	116	3.76
L828680		4.20	0.105	14.0	0.53	218	<10	60	0.5	17	1.22	30.2	7	4	251	3.89
L828681		6.40	0.048	0.9	0.51	96	<10	110	0.7	<2	1.83	1.5	14	3	43	3.17
L828682		3.65	0.144	2.7	0.45	289	<10	40	0.5	<2	2.10	32.3	19	4	89	4.09
L828683		5.95	0.006	0.3	0.60	31	<10	490	1.0	<2	1.91	1.2	9	3	49	2.93
L828684		2.76	0.015	0.3	0.58	27	<10	450	0.9	<2	1.86	1.0	9	4	59	2.92
L828685		8.31	0.008	0.5	1.12	28	<10	230	0.7	<2	1.66	0.7	6	6	96	2.74
L828686		2.43	0.063	1.5	0.58	91	<10	270	0.8	<2	2.01	5.5	6	5	54	2.75
L828687		7.59	0.010	0.4	0.58	20	<10	510	0.5	<2	2.19	<0.5	10	4	75	2.33
L828688		5.81	0.006	0.3	0.62	5	<10	230	<0.5	<2	1.78	<0.5	8	4	30	2.23
L828689		9.62	0.008	0.2	0.58	8	<10	290	0.5	<2	2.68	<0.5	9	4	5	2.53
L828690		12.76	<0.005	<0.2	0.86	6	<10	720	0.5	<2	2.48	<0.5	5	7	29	2.35
L828691		8.83	0.009	0.2	0.56	15	<10	170	0.5	<2	3.14	0.9	6	4	11	2.45
L828692		3.59	0.117	1.9	0.44	49	<10	80	0.6	<2	2.18	11.0	8	4	60	2.69
L828693		2.51	<0.005	<0.2	0.07	<2	<10	50	<0.5	<2	19.9	<0.5	1	2	1	0.46
L828694		11.36	<0.005	<0.2	0.54	12	<10	1040	0.8	<2	3.59	<0.5	5	3	10	2.14
L828695		10.36	<0.005	0.2	0.50	7	<10	1270	0.8	<2	3.36	<0.5	5	2	4	2.03
L828696		8.34	0.305	6.4	0.41	168	<10	30	<0.5	6	1.24	29.4	24	2	107	5.41
L828697		6.57	0.203	3.5	0.41	140	<10	40	<0.5	3	1.40	10.5	12	5	43	4.15
L828698		5.37	0.112	0.9	0.51	39	<10	130	0.5	<2	1.93	1.6	5	5	79	2.48
L828699		6.87	8.19	29.9	0.39	1805	<10	20	<0.5	34	0.46	22.5	14	3	612	8.80
L828700		11.70	0.046	0.6	0.48	96	<10	60	<0.5	<2	2.42	1.3	8	3	14	2.88
L828701		8.52	0.045	0.7	0.62	29	<10	70	0.6	<2	2.99	1.3	12	3	29	3.16
L828702		7.71	0.010	0.4	0.71	19	<10	220	0.8	<2	2.41	<0.5	7	4	9	2.54
L828703		0.16	3.43	>100	0.16	>10000	<10	20	<0.5	<2	0.41	317	1	7	1510	12.85

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198501

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828668		<10	<1	0.15	20	0.70	457	<1	0.04	1	550	43	0.15	2	6	67
L828669		<10	1	0.19	20	0.68	584	1	0.06	1	560	23	0.11	2	6	75
L828670		<10	2	0.26	10	0.51	2480	6	0.01	1	400	4390	6.81	140	3	216
L828671		<10	<1	0.02	<10	11.80	206	<1	0.01	<1	260	12	0.04	<2	<1	50
L828672		<10	<1	0.31	20	0.69	515	<1	0.01	2	810	22	0.06	2	3	232
L828673		<10	1	0.33	20	0.75	480	<1	0.01	2	780	21	0.05	2	3	339
L828674		<10	1	0.31	20	0.65	633	1	0.01	3	740	22	0.12	3	4	255
L828675		10	1	0.23	10	1.12	626	44	0.33	320	670	8710	7.47	26	4	77
L828676		<10	<1	0.25	10	0.88	1175	<1	<0.01	5	1100	45	0.18	2	4	154
L828677		<10	1	0.30	10	0.75	3650	4	0.01	1	430	613	2.73	17	3	68
L828678		<10	1	0.26	<10	0.38	3890	9	0.01	2	340	751	5.11	75	1	39
L828679		<10	1	0.24	10	0.49	3830	5	0.01	1	340	624	3.58	36	2	57
L828680		<10	1	0.40	10	0.34	1545	1	0.01	8	550	1215	3.50	18	3	41
L828681		<10	1	0.35	10	0.55	1300	1	0.01	3	600	162	1.92	8	4	66
L828682		<10	<1	0.34	10	0.65	1325	10	0.01	4	500	407	2.86	15	4	55
L828683		<10	<1	0.32	20	0.66	849	1	0.01	2	560	111	0.62	11	7	94
L828684		<10	1	0.33	20	0.64	847	1	0.01	1	550	116	0.59	15	7	91
L828685		<10	<1	0.26	20	0.67	609	<1	0.02	1	590	45	0.26	15	6	75
L828686		<10	<1	0.31	20	0.61	948	1	0.01	2	520	187	0.75	13	5	80
L828687		<10	<1	0.32	20	0.61	741	<1	0.01	2	470	39	0.54	14	5	77
L828688		<10	<1	0.25	20	0.59	680	<1	0.01	2	560	31	0.76	<2	5	56
L828689		<10	<1	0.29	20	0.58	958	<1	0.01	2	520	45	1.22	<2	3	72
L828690		<10	<1	0.30	20	0.56	532	<1	0.04	1	550	18	0.48	<2	4	123
L828691		<10	<1	0.37	20	0.62	909	<1	0.02	2	550	91	1.06	2	3	130
L828692		<10	<1	0.31	10	0.66	1115	5	0.01	1	460	244	1.06	10	3	90
L828693		<10	1	0.04	<10	12.10	219	<1	0.01	1	190	2	0.04	<2	<1	49
L828694		<10	<1	0.30	10	1.10	734	1	0.01	5	530	14	0.05	<2	4	323
L828695		<10	<1	0.28	10	1.09	629	1	0.01	2	560	12	0.08	<2	5	338
L828696		<10	<1	0.30	<10	0.36	969	13	0.01	2	390	849	5.04	9	2	53
L828697		<10	1	0.30	10	0.36	1120	3	0.01	1	340	303	3.82	5	2	25
L828698		<10	<1	0.33	10	0.55	1135	<1	0.01	1	520	139	1.29	15	3	51
L828699		<10	<1	0.34	<10	0.11	420	5	<0.01	<1	430	1090	>10.0	53	1	10
L828700		<10	<1	0.32	10	0.69	963	<1	0.01	1	530	68	2.23	3	2	53
L828701		<10	<1	0.28	10	0.52	612	1	0.01	2	490	50	2.49	5	4	87
L828702		<10	<1	0.24	20	0.66	648	<1	0.01	1	530	15	0.88	3	5	113
L828703		<10	1	0.07	<10	0.17	1435	<1	0.01	10	140	>10000	>10.0	552	1	19

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198501

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L828668		<20	0.01	<10	<10	43	<10	53	<1		
L828669		<20	0.02	<10	<10	44	<10	43	<1		
L828670		<20	<0.01	<10	<10	12	<10	2990	110		
L828671		<20	<0.01	<10	<10	1	<10	27	<1		
L828672		<20	<0.01	<10	<10	14	<10	71	<1		
L828673		<20	<0.01	<10	<10	11	<10	68	<1		
L828674		<20	<0.01	<10	<10	18	<10	67	<1		
L828675		<20	0.05	<10	<10	321	20	8090	31		
L828676		<20	<0.01	<10	<10	29	<10	119	<1		
L828677		<20	<0.01	<10	<10	9	<10	1445	4		
L828678		<20	<0.01	<10	10	8	<10	3590	14		
L828679		<20	<0.01	<10	<10	7	<10	2420	12		
L828680		<20	<0.01	<10	<10	10	<10	2460	14		
L828681		<20	<0.01	<10	<10	12	<10	181	1		
L828682		<20	<0.01	<10	<10	12	<10	3420	2		
L828683		<20	<0.01	<10	<10	20	<10	134	<1		
L828684		<20	<0.01	<10	<10	19	<10	111	<1		
L828685		<20	<0.01	<10	<10	33	<10	82	<1		
L828686		<20	<0.01	<10	<10	21	<10	478	1		
L828687		<20	<0.01	<10	<10	18	<10	57	<1		
L828688		<20	<0.01	<10	<10	18	<10	50	<1		
L828689		<20	<0.01	<10	<10	15	<10	62	1		
L828690		<20	<0.01	<10	<10	30	<10	59	<1		
L828691		<20	<0.01	<10	<10	18	<10	134	<1		
L828692		<20	<0.01	<10	10	19	<10	809	2		
L828693		<20	<0.01	<10	<10	2	<10	18	1		
L828694		<20	<0.01	<10	<10	30	<10	54	1		
L828695		<20	<0.01	<10	<10	28	<10	44	1		
L828696		<20	<0.01	<10	<10	12	<10	2370	7		
L828697		<20	<0.01	<10	<10	7	<10	992	3		
L828698		<20	<0.01	<10	<10	13	<10	181	1		
L828699		<20	<0.01	<10	<10	5	<10	1805	30		
L828700		<20	<0.01	<10	<10	8	<10	136	1		
L828701		<20	<0.01	<10	<10	14	<10	151	1		
L828702		<20	<0.01	<10	<10	24	<10	61	<1		
L828703		<20	<0.01	<10	<10	7	160	>10000	433	3.15	3.50

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198502

Project: Klaza DDH- 58

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198502

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829018		5.73	0.202	3.0	0.54	305	<10	80	0.6	3	2.44	5.4	8	5	82	4.09
L829019		4.05	3.81	>100	0.47	3390	<10	10	0.5	202	2.05	63.6	6	4	4880	8.61
L829020		5.10	0.005	0.3	0.03	5	<10	10	<0.5	<2	18.5	<0.5	2	<1	12	0.43
L829021		7.86	0.010	0.5	0.61	29	<10	920	0.8	<2	2.38	0.8	8	6	29	3.10
L829022		13.45	0.007	<0.2	1.01	5	<10	360	<0.5	<2	1.51	<0.5	6	9	7	2.96
L829023		4.29	0.013	13.1	0.61	45	<10	740	0.7	20	2.55	2.3	6	6	514	3.35
L829024		8.66	0.005	<0.2	0.64	16	<10	650	0.8	<2	2.10	<0.5	8	5	8	2.44
L829025		9.36	<0.005	<0.2	0.95	4	<10	620	0.6	<2	1.73	<0.5	6	7	6	2.51
L829026		3.59	<0.005	<0.2	0.92	6	<10	710	0.6	<2	2.11	<0.5	6	7	8	2.50
L829027		4.24	0.005	<0.2	0.76	18	<10	450	0.8	<2	1.83	<0.5	7	5	8	2.99
L829028		9.85	<0.005	0.2	1.16	10	<10	350	0.7	<2	2.06	0.8	8	6	15	2.96
L829029		6.03	<0.005	<0.2	1.32	3	<10	220	0.5	<2	1.45	<0.5	7	8	3	2.84
L829030		3.84	0.351	10.4	0.55	473	<10	30	0.6	11	1.60	44.0	8	6	454	4.04
L829031		3.49	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	19.0	<0.5	2	1	1	0.40
L829032		8.23	<0.005	0.3	1.59	13	<10	270	0.6	<2	1.53	<0.5	9	10	47	2.47
L829033		6.08	0.006	<0.2	1.48	17	<10	220	0.5	<2	1.55	<0.5	12	8	22	2.27
L829034		3.89	0.080	2.3	0.77	166	<10	80	0.5	3	1.81	6.0	14	7	22	3.64
L829035		12.63	0.014	0.4	1.03	37	<10	360	0.5	<2	1.59	<0.5	7	10	12	3.55
L829036		11.65	0.014	0.4	0.96	37	<10	840	0.8	<2	2.29	<0.5	8	5	19	2.76
L829037		6.52	0.007	0.5	0.67	39	<10	450	0.9	<2	2.50	0.7	7	5	15	3.72
L829038		6.38	0.448	14.3	0.53	1265	<10	20	0.7	23	1.71	4.8	7	5	76	3.94
L829039		10.58	0.132	0.9	0.55	72	<10	400	0.6	<2	1.62	7.8	4	4	14	4.53
L829040		0.17	3.43	>100	0.18	>10000	<10	<10	<0.5	<2	0.41	321	2	9	1595	14.0
L829041		6.32	0.015	1.0	0.73	179	<10	260	1.0	2	1.28	<0.5	5	5	13	5.40
L829042		4.24	0.090	1.0	0.60	188	<10	460	0.8	2	1.39	1.2	5	4	54	4.51
L829043		5.14	0.016	0.6	0.69	34	<10	640	0.8	2	2.31	<0.5	5	5	6	3.09
L829044		3.04	0.006	1.0	1.33	39	<10	200	0.8	2	1.98	2.2	4	6	99	3.37
L829045		6.02	0.029	3.4	0.65	86	<10	370	0.7	5	2.19	5.1	6	4	116	3.08
L829046		4.13	0.029	0.9	0.60	341	<10	320	0.8	<2	3.12	4.8	7	4	46	2.83
L829047		5.53	2.46	30.5	0.40	4740	<10	<10	<0.5	53	1.11	32.3	26	5	265	10.05
L829048		3.42	0.011	0.2	0.05	30	<10	<10	<0.5	<2	20.0	<0.5	2	1	2	0.42
L829049		4.18	0.007	0.4	0.69	34	<10	210	1.0	<2	2.17	<0.5	5	4	6	2.67
L829050		4.31	0.008	0.4	0.58	49	<10	920	0.7	<2	3.11	<0.5	5	3	5	2.29
L829051		4.32	0.013	0.4	0.63	37	<10	670	0.6	2	2.21	<0.5	6	4	8	2.40
L829052		7.16	0.006	0.3	0.66	15	<10	1100	0.7	<2	1.99	<0.5	5	5	6	2.48
L829053		10.64	0.026	0.4	0.60	136	<10	370	0.8	<2	2.17	<0.5	7	4	24	2.51

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198502

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829018		<10	<1	0.37	20	0.77	5010	<1	0.02	2	510	132	1.70	10	5	54
L829019		<10	<1	0.31	<10	0.82	4410	<1	0.02	1	320	1415	6.91	117	3	47
L829020		<10	<1	0.02	<10	11.15	205	<1	0.02	2	170	2	0.03	2	<1	46
L829021		<10	<1	0.32	20	0.82	1080	<1	0.03	2	510	42	0.30	4	7	110
L829022		<10	<1	0.28	20	0.60	710	<1	0.09	2	520	17	0.05	<2	6	86
L829023		<10	1	0.34	20	0.72	1805	2	0.02	2	440	296	0.33	22	6	75
L829024		<10	<1	0.31	20	0.72	632	1	0.02	1	530	21	0.35	3	7	97
L829025		<10	<1	0.24	20	0.56	554	<1	0.06	2	500	10	0.07	2	6	98
L829026		<10	<1	0.21	20	0.65	600	<1	0.05	1	500	11	0.07	2	7	118
L829027		<10	<1	0.29	20	0.66	1055	<1	0.02	2	500	15	0.17	2	7	83
L829028		<10	<1	0.29	20	0.62	683	1	0.05	2	500	55	0.16	2	6	109
L829029		10	<1	0.24	20	0.61	475	1	0.10	2	560	9	0.06	<2	6	89
L829030		<10	<1	0.36	10	0.53	1550	1	0.03	2	460	739	2.65	19	3	53
L829031		<10	<1	0.02	<10	11.45	188	<1	0.03	1	200	3	0.03	<2	<1	49
L829032		10	<1	0.32	30	0.55	524	1	0.12	2	530	17	0.33	5	6	69
L829033		10	<1	0.27	20	0.54	519	1	0.14	2	530	23	0.39	2	5	75
L829034		<10	<1	0.36	20	0.63	1180	1	0.05	2	480	266	1.68	<2	4	74
L829035		<10	<1	0.27	20	0.69	800	1	0.07	1	530	19	0.26	<2	5	92
L829036		<10	<1	0.28	20	0.75	708	1	0.03	<1	540	12	0.22	4	8	113
L829037		<10	<1	0.34	10	0.76	1465	1	0.03	1	500	29	0.52	3	8	94
L829038		<10	<1	0.34	10	0.57	2870	11	0.02	1	460	117	2.04	14	5	59
L829039		<10	<1	0.43	30	0.72	2170	3	0.02	<1	480	102	0.60	<2	4	53
L829040		<10	1	0.07	<10	0.18	1450	<1	0.02	9	130	>10000	>10.0	542	1	19
L829041		<10	<1	0.40	20	0.74	1875	3	0.02	<1	500	41	0.44	3	6	58
L829042		<10	<1	0.32	20	0.67	1665	3	0.02	1	470	47	0.53	9	6	62
L829043		<10	<1	0.37	30	0.77	1200	3	0.03	<1	490	54	0.25	2	6	93
L829044		<10	<1	0.30	20	0.63	779	2	0.04	<1	610	30	0.32	14	7	84
L829045		<10	<1	0.30	20	0.66	1560	2	0.02	<1	510	110	0.65	12	7	81
L829046		<10	<1	0.36	20	0.78	2060	1	0.02	1	530	64	0.80	7	6	105
L829047		<10	<1	0.30	<10	0.28	2460	7	0.01	<1	310	478	>10.0	56	2	25
L829048		<10	<1	0.03	<10	12.30	183	<1	0.02	<1	250	4	0.07	<2	<1	62
L829049		<10	<1	0.32	10	0.74	776	3	0.02	1	540	28	0.34	<2	8	122
L829050		<10	<1	0.34	20	0.92	818	2	0.03	<1	510	17	0.34	2	5	118
L829051		<10	<1	0.39	20	0.69	766	6	0.03	1	500	20	0.35	2	4	105
L829052		<10	<1	0.26	20	0.65	617	3	0.03	<1	520	8	0.18	2	6	95
L829053		<10	<1	0.36	20	0.68	883	4	0.02	<1	530	16	0.71	7	5	115

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198502

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829018		<20	<0.01	<10	<10	13	<10	464	2		
L829019		<20	<0.01	<10	<10	11	<10	4320	112		
L829020		<20	<0.01	<10	<10	2	<10	22	<1		
L829021		<20	<0.01	<10	<10	29	<10	112	<1		
L829022		<20	0.01	<10	<10	38	<10	49	<1		
L829023		<20	<0.01	<10	<10	22	<10	219	12		
L829024		<20	<0.01	<10	<10	29	<10	52	<1		
L829025		<20	0.01	<10	<10	34	<10	47	<1		
L829026		<20	0.01	<10	<10	36	<10	56	<1		
L829027		<20	<0.01	<10	<10	29	<10	57	<1		
L829028		<20	0.01	<10	<10	32	<10	107	<1		
L829029		<20	0.03	<10	<10	47	<10	37	<1		
L829030		<20	<0.01	<10	<10	13	<10	2950	11		
L829031		<20	<0.01	<10	<10	2	<10	18	<1		
L829032		<20	0.01	<10	<10	34	<10	67	<1		
L829033		<20	0.01	<10	<10	34	<10	68	<1		
L829034		<20	0.01	<10	<10	24	<10	527	1		
L829035		<20	0.03	<10	<10	42	<10	65	<1		
L829036		<20	<0.01	<10	<10	33	<10	70	<1		
L829037		<20	<0.01	<10	<10	31	<10	104	<1		
L829038		<20	<0.01	<10	<10	20	<10	420	14		
L829039		<20	<0.01	<10	<10	15	<10	637	<1		
L829040		<20	<0.01	<10	<10	7	160	>10000	431	3.10	3.55
L829041		<20	<0.01	<10	<10	26	<10	160	1		
L829042		<20	<0.01	<10	<10	26	<10	168	<1		
L829043		<20	<0.01	<10	<10	21	<10	86	<1		
L829044		<20	0.01	<10	<10	36	<10	205	1		
L829045		<20	<0.01	<10	<10	22	<10	384	2		
L829046		<20	<0.01	<10	<10	13	<10	477	1		
L829047		<20	<0.01	<10	<10	6	<10	2370	28		
L829048		<20	<0.01	<10	<10	1	<10	23	<1		
L829049		<20	<0.01	<10	<10	20	<10	72	<1		
L829050		<20	<0.01	<10	<10	14	<10	49	<1		
L829051		<20	<0.01	<10	<10	13	<10	54	<1		
L829052		<20	<0.01	<10	<10	26	<10	47	1		
L829053		<20	<0.01	<10	<10	11	<10	45	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198503

Project: Klaza DDH- 59

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11198503

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829130		5.62	0.018	0.2	0.95	73	<10	230	0.9	<2	2.38	<0.5	8	7	10	2.88
L829131		7.25	0.033	0.6	0.66	22	<10	510	0.7	<2	2.15	8.6	7	5	19	2.71
L829132		9.83	0.007	<0.2	0.77	10	<10	420	0.6	<2	2.01	<0.5	7	6	8	2.59
L829133		9.91	0.173	3.2	0.56	55	<10	510	0.5	2	2.15	9.6	4	4	22	2.88
L829134		3.71	0.213	2.4	0.52	188	<10	50	<0.5	2	1.29	11.6	54	3	36	7.24
L829135		0.88	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	19.9	<0.5	2	1	5	0.41
L829136		5.51	0.015	<0.2	0.70	8	<10	560	0.5	<2	2.02	0.5	3	4	8	1.98
L829137		11.76	<0.005	<0.2	0.94	6	<10	290	0.5	<2	2.70	<0.5	5	7	4	2.28
L829138		4.26	0.505	0.9	0.63	93	<10	200	0.7	<2	2.84	2.0	4	4	7	3.20
L829139		11.34	<0.005	<0.2	1.01	4	<10	360	<0.5	<2	1.75	<0.5	6	7	7	2.61
L829140		8.40	<0.005	<0.2	0.89	5	<10	180	0.6	<2	1.69	<0.5	6	6	6	2.43
L829141		0.10	1.350	32.2	4.75	143	<10	50	<0.5	5	4.39	31.4	79	54	6960	8.03
L829142		11.90	<0.005	<0.2	0.84	6	<10	180	<0.5	<2	1.65	<0.5	7	8	17	2.54
L829143		10.35	0.005	<0.2	0.84	10	<10	280	0.5	<2	1.72	<0.5	6	7	7	2.50
L829144		4.32	0.263	2.0	0.67	166	<10	120	0.8	2	1.52	35.8	6	5	45	3.20
L829145		10.41	0.010	0.2	0.70	22	<10	720	0.5	<2	1.24	0.8	7	5	6	2.48
L829146		14.21	<0.005	<0.2	0.89	6	<10	220	<0.5	<2	1.33	<0.5	6	9	5	2.57
L829147		0.19	3.21	>100	0.17	>10000	<10	10	<0.5	5	0.42	323	4	9	1565	14.0
L829148		8.27	0.007	<0.2	0.76	8	<10	730	0.6	<2	2.68	<0.5	5	4	2	2.30
L829149		3.63	0.073	0.5	0.51	94	<10	380	0.5	<2	2.38	1.2	4	3	10	2.35
L829150		4.80	<0.005	0.3	0.52	50	<10	340	0.5	<2	2.21	2.9	6	3	2	1.89
L829151		6.05	<0.005	<0.2	0.54	5	<10	180	0.5	<2	1.37	<0.5	6	3	4	1.57
L829152		2.36	<0.005	<0.2	0.64	6	<10	260	0.6	<2	1.33	<0.5	7	4	4	1.65
L829153		6.43	0.214	2.4	0.48	516	<10	180	0.5	3	1.34	70.9	7	4	42	3.43
L829154		7.13	0.920	58.4	0.35	1225	<10	70	<0.5	65	1.88	50.4	6	5	2670	5.10
L829155		7.42	0.604	3.6	0.40	575	<10	40	<0.5	3	0.88	25.8	4	4	137	4.61
L829156		7.65	0.586	1.8	0.51	1510	<10	210	0.6	2	1.63	23.9	5	3	59	3.02
L829157		0.92	<0.005	<0.2	0.05	13	<10	10	<0.5	2	19.6	<0.5	1	1	2	0.38
L829158		4.73	0.076	2.5	0.50	117	<10	270	<0.5	3	1.34	19.7	8	3	45	3.30
L829159		9.79	0.142	3.4	0.45	272	<10	120	<0.5	5	1.37	37.4	5	4	80	3.41
L829160		8.42	1.195	6.9	0.46	2020	<10	130	<0.5	9	1.01	59.9	6	4	109	4.23
L829161		5.94	0.054	1.0	0.45	43	<10	160	<0.5	2	2.11	6.4	35	4	6	2.05
L829162		12.84	0.011	0.4	0.72	16	<10	220	0.6	<2	1.95	9.1	30	4	6	2.98
L829163		11.72	0.007	0.3	1.36	4	<10	200	0.9	2	2.31	5.3	5	5	6	3.14
L829164		7.00	0.007	0.2	0.69	4	<10	450	0.6	<2	2.20	4.3	5	4	3	2.04
L829165		4.61	1.195	3.1	0.44	386	<10	70	<0.5	2	2.92	15.8	13	4	19	3.58

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CERTIFICATE OF ANALYSIS WH11198503

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829130		<10	<1	0.29	20	0.70	1215	3	0.03	7	590	35	0.26	3	7	95
L829131		<10	1	0.23	20	0.63	1225	4	0.02	4	570	196	0.31	3	8	76
L829132		<10	1	0.20	20	0.63	553	7	0.06	5	570	19	0.06	3	8	93
L829133		<10	1	0.26	10	0.68	2250	6	0.02	3	530	338	0.64	5	6	52
L829134		<10	<1	0.25	<10	0.40	1540	9	0.02	4	320	320	6.58	9	4	26
L829135		<10	<1	0.02	<10	12.15	201	2	0.02	5	210	5	0.02	<2	<1	52
L829136		<10	<1	0.30	20	0.48	978	3	0.02	3	510	29	0.16	<2	5	50
L829137		<10	<1	0.15	20	0.73	439	3	0.07	4	540	16	0.04	<2	8	84
L829138		<10	<1	0.31	20	0.84	3670	3	0.02	4	480	67	0.75	<2	6	75
L829139		<10	1	0.18	20	0.64	727	3	0.07	3	580	11	0.03	<2	6	79
L829140		<10	<1	0.18	20	0.50	559	3	0.04	3	520	10	0.04	3	8	61
L829141		10	1	0.23	10	1.11	594	44	0.33	299	660	8110	7.06	30	4	78
L829142		<10	<1	0.15	20	0.62	451	1	0.07	2	570	19	0.05	2	6	62
L829143		<10	<1	0.18	20	0.56	545	2	0.05	3	540	10	0.06	3	7	67
L829144		<10	1	0.24	20	0.49	1485	2	0.01	3	510	163	1.13	7	6	49
L829145		<10	<1	0.16	10	0.41	708	1	0.02	2	480	59	0.25	3	7	51
L829146		<10	<1	0.14	20	0.62	403	2	0.09	3	540	7	0.03	<2	6	64
L829147		<10	2	0.07	<10	0.17	1450	<1	0.02	10	130	>10000	>10.0	567	1	19
L829148		<10	<1	0.19	20	0.74	640	2	0.02	2	560	6	0.12	2	8	121
L829149		<10	<1	0.27	20	0.69	1535	1	0.01	2	530	69	0.79	5	4	44
L829150		<10	<1	0.32	30	0.64	1260	1	0.02	2	560	78	0.38	2	4	43
L829151		<10	<1	0.24	10	0.44	727	1	0.01	3	590	10	0.28	2	5	37
L829152		<10	<1	0.27	10	0.43	708	1	0.01	2	590	9	0.36	3	6	39
L829153		<10	1	0.33	20	0.55	1565	6	0.01	2	520	575	1.28	8	4	24
L829154		<10	2	0.23	10	0.69	2590	3	0.01	2	170	2040	3.76	408	3	27
L829155		<10	<1	0.26	10	0.34	2290	13	0.01	2	350	354	3.06	40	2	20
L829156		<10	<1	0.26	10	0.48	1375	3	0.01	2	450	168	1.42	13	5	44
L829157		<10	1	0.03	10	11.35	188	<1	0.01	4	210	3	0.04	<2	<1	60
L829158		<10	<1	0.35	10	0.56	1740	1	0.01	3	470	610	1.15	9	3	26
L829159		<10	<1	0.38	10	0.61	1670	1	0.01	3	530	941	1.40	13	3	21
L829160		<10	<1	0.36	10	0.37	2510	1	0.01	2	490	1150	2.51	17	3	17
L829161		<10	<1	0.31	10	0.48	1245	1	0.01	4	560	268	0.98	3	2	48
L829162		<10	<1	0.30	20	0.50	1070	1	0.02	4	530	258	0.79	<2	4	57
L829163		<10	<1	0.21	30	0.58	740	1	0.02	3	570	170	0.16	3	6	84
L829164		<10	<1	0.21	20	0.62	741	1	0.01	2	500	97	0.19	<2	7	87
L829165		<10	<1	0.31	10	0.93	2920	1	0.01	2	460	436	2.10	5	3	55

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198503

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829130		<20	<0.01	<10	<10	26	<10	59	<1		
L829131		<20	<0.01	<10	<10	30	<10	660	<1		
L829132		<20	0.01	<10	<10	37	<10	52	<1		
L829133		<20	<0.01	<10	<10	20	<10	734	1		
L829134		<20	<0.01	<10	<10	17	10	1000	1		
L829135		<20	<0.01	<10	<10	1	<10	18	<1		
L829136		<20	<0.01	<10	<10	19	<10	76	<1		
L829137		<20	0.01	<10	<10	42	<10	43	<1		
L829138		<20	<0.01	<10	<10	17	<10	207	<1		
L829139		<20	0.03	<10	<10	41	<10	37	<1		
L829140		<20	0.01	<10	<10	38	<10	39	<1		
L829141		<20	0.05	<10	<10	304	<10	7360	31		
L829142		<20	0.01	<10	<10	42	<10	51	<1		
L829143		<20	0.02	<10	<10	39	<10	34	1		
L829144		<20	<0.01	<10	<10	22	<10	2420	2		
L829145		<20	<0.01	<10	<10	32	<10	101	<1		
L829146		<20	0.03	<10	<10	45	<10	40	1		
L829147		<20	<0.01	<10	<10	7	140	>10000	406	3.07	3.40
L829148		<20	<0.01	<10	<10	38	<10	54	1		
L829149		<20	<0.01	<10	<10	16	<10	130	1		
L829150		<20	<0.01	<10	<10	12	<10	257	<1		
L829151		<20	<0.01	<10	<10	17	<10	54	<1		
L829152		<20	<0.01	<10	<10	18	<10	47	<1		
L829153		<20	<0.01	<10	<10	16	<10	4470	2		
L829154		<20	<0.01	<10	<10	11	<10	4390	56		
L829155		<20	<0.01	<10	<10	8	<10	1720	3		
L829156		<20	<0.01	<10	10	15	<10	1600	2		
L829157		<20	<0.01	<10	<10	2	<10	34	<1		
L829158		<20	<0.01	<10	<10	17	<10	1400	2		
L829159		<20	<0.01	<10	<10	12	<10	2690	3		
L829160		<20	<0.01	<10	<10	11	<10	4090	7		
L829161		<20	<0.01	<10	10	10	<10	486	1		
L829162		<20	<0.01	<10	10	19	<10	682	<1		
L829163		<20	<0.01	<10	<10	32	<10	403	<1		
L829164		<20	<0.01	<10	<10	29	<10	307	<1		
L829165		<20	<0.01	<10	<10	8	<10	1200	3		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198504

Project: Klaza DDH- 59

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198504

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829166		7.68	<0.005	<0.2	1.18	5	<10	300	0.8	<2	2.40	<0.5	5	5	3	2.58
L829167		5.75	0.028	0.2	0.76	37	<10	710	0.7	<2	1.58	0.8	5	5	13	2.65
L829168		5.80	<0.005	0.2	0.84	10	<10	600	0.7	<2	2.19	1.0	4	5	20	2.32
L829169		8.32	0.822	5.6	0.48	2170	<10	40	0.5	6	1.55	73.8	8	3	103	3.75
L829170		4.34	<0.005	<0.2	0.08	4	<10	30	<0.5	2	19.8	<0.5	1	2	<1	0.38
L829171		5.33	<0.005	0.2	0.65	11	<10	210	0.5	2	2.12	<0.5	11	4	3	2.64
L829172		8.35	0.063	1.6	0.83	31	<10	570	0.8	3	1.78	10.4	6	4	24	2.50
L829173		4.06	0.196	1.3	0.59	371	<10	230	0.5	2	1.55	6.9	10	3	8	2.77
L829174		4.41	0.033	1.0	0.74	67	<10	350	0.6	<2	1.96	7.5	11	3	25	2.92
L829175		6.05	0.073	1.2	0.55	117	<10	130	<0.5	3	1.92	7.9	12	3	9	2.62
L829176		0.20	3.13	>100	0.16	>10000	<10	10	<0.5	5	0.41	317	2	9	1520	13.30
L829177		6.13	0.013	0.4	0.62	19	<10	130	<0.5	<2	2.07	1.5	17	5	5	1.73
L829178		6.04	0.005	0.3	1.34	9	<10	140	0.7	<2	2.63	<0.5	5	4	4	2.24
L829179		3.38	0.005	0.2	1.26	10	<10	130	0.7	2	2.70	<0.5	5	4	3	2.13
L829180		5.33	0.025	0.7	0.62	31	<10	170	<0.5	2	2.46	1.4	15	3	2	1.90
L829181		3.67	0.174	3.0	0.46	60	<10	110	<0.5	3	1.62	20.9	56	4	8	4.25
L829182		9.65	<0.005	0.2	1.03	9	<10	430	0.6	2	2.51	<0.5	15	4	3	2.11
L829183		8.07	<0.005	<0.2	0.80	7	<10	530	0.6	2	3.07	0.5	16	3	3	1.94
L829184		4.72	0.813	5.7	0.52	514	<10	30	<0.5	7	1.33	111.0	56	3	191	5.34
L829185		2.85	<0.005	<0.2	0.06	2	<10	20	<0.5	2	20.1	<0.5	<1	1	<1	0.41
L829186		6.09	<0.005	0.2	0.82	10	<10	480	0.5	<2	3.18	<0.5	15	4	2	1.69
L829187		8.85	<0.005	<0.2	1.14	6	<10	270	0.8	2	2.77	<0.5	4	5	2	2.50
L829188		4.14	<0.005	0.2	1.26	6	<10	200	0.7	<2	2.97	<0.5	5	4	6	1.80
L829189		10.55	<0.005	0.4	0.69	9	<10	100	0.5	2	3.13	3.9	12	3	4	1.86
L829190		0.20	3.26	>100	0.16	>10000	<10	10	<0.5	2	0.40	322	2	8	1535	13.60
L829191		9.99	0.012	0.9	0.77	12	<10	70	0.5	2	4.37	1.9	9	3	3	1.83
L829192		3.77	<0.005	0.9	0.60	59	<10	100	0.5	2	3.17	1.7	6	3	3	1.51
L829193		6.20	0.156	5.1	0.73	122	<10	20	0.5	8	1.81	12.2	210	2	21	8.00
L829194		7.93	0.033	0.9	0.60	86	<10	330	0.5	3	2.78	8.1	4	5	10	2.23
L829195		5.76	0.519	5.2	0.63	1090	10	20	0.5	8	2.34	71.2	28	3	40	6.66
L829196		4.57	<0.005	<0.2	0.87	11	<10	330	0.7	<2	3.27	<0.5	2	3	2	1.68
L829197		10.33	<0.005	<0.2	0.87	9	<10	360	0.6	<2	2.53	<0.5	4	5	9	2.39
L829198		3.12	0.099	2.4	0.93	87	<10	110	0.7	5	2.16	4.0	29	4	25	3.86
L829199		6.48	<0.005	<0.2	1.02	6	<10	690	0.7	<2	2.68	<0.5	3	5	3	2.30
L829200		8.26	0.017	0.8	0.58	33	<10	80	0.5	<2	1.96	2.8	20	4	10	2.21
L829201		3.31	0.127	4.4	0.62	237	<10	50	<0.5	3	0.52	6.7	52	2	206	4.86

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198504

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829166		<10	<1	0.20	20	0.46	464	1	0.03	3	560	11	0.09	2	8	106
L829167		<10	<1	0.21	10	0.45	678	2	0.03	2	540	17	0.32	5	9	80
L829168		<10	<1	0.23	20	0.69	784	2	0.03	2	510	14	0.08	6	8	98
L829169		<10	1	0.31	10	0.49	2250	7	0.02	2	410	453	2.23	18	3	37
L829170		<10	1	0.04	10	11.80	174	1	0.03	4	250	2	0.08	<2	<1	54
L829171		<10	<1	0.28	20	0.70	780	4	0.03	3	490	6	0.47	<2	6	50
L829172		<10	1	0.24	10	0.63	720	1	0.03	3	440	117	0.40	5	8	58
L829173		<10	<1	0.28	20	0.50	1210	3	0.02	2	440	198	0.97	4	5	41
L829174		<10	<1	0.34	20	0.65	1140	2	0.03	3	480	236	0.77	5	5	64
L829175		<10	<1	0.36	10	0.55	1645	2	0.03	2	560	433	0.95	2	3	45
L829176		<10	2	0.07	<10	0.17	1385	1	0.04	12	130	>10000	>10.0	540	1	19
L829177		<10	<1	0.34	10	0.58	994	4	0.01	1	540	70	0.63	<2	3	48
L829178		<10	<1	0.23	20	0.59	589	1	0.05	2	610	13	0.18	2	7	84
L829179		<10	<1	0.23	20	0.59	625	1	0.04	2	630	10	0.20	2	6	81
L829180		<10	<1	0.36	10	0.67	1190	2	0.03	2	560	139	0.73	2	3	66
L829181		<10	1	0.33	<10	0.43	1530	19	0.03	3	470	610	3.21	11	3	28
L829182		<10	<1	0.24	20	0.54	561	2	0.04	2	610	7	0.66	2	8	82
L829183		<10	<1	0.28	20	0.73	687	1	0.04	3	540	33	0.55	<2	6	115
L829184		<10	1	0.39	10	0.41	2000	1	0.03	3	510	430	5.20	17	3	30
L829185		<10	1	0.03	10	12.05	185	1	0.03	4	290	3	0.10	<2	<1	54
L829186		<10	<1	0.30	30	0.55	670	1	0.04	3	570	8	0.60	<2	6	96
L829187		<10	3	0.19	20	0.77	495	1	0.04	3	570	7	0.06	<2	9	136
L829188		<10	<1	0.22	30	0.49	571	1	0.03	2	650	9	0.14	<2	9	99
L829189		<10	1	0.27	20	0.88	935	<1	0.04	3	620	148	0.41	<2	6	85
L829190		<10	2	0.07	<10	0.16	1385	1	0.04	11	130	>10000	>10.0	544	1	20
L829191		<10	1	0.30	10	0.74	1050	1	0.02	<1	620	101	0.56	<2	7	126
L829192		<10	<1	0.41	10	0.67	1565	1	0.03	1	590	88	0.25	2	6	96
L829193		<10	<1	0.42	<10	0.61	1165	1	0.03	5	980	364	8.03	<2	4	44
L829194		<10	<1	0.38	20	0.79	1650	1	0.03	2	550	215	0.51	2	6	82
L829195		<10	1	0.35	10	0.75	1900	1	0.03	3	660	280	5.22	5	6	64
L829196		<10	<1	0.22	20	0.98	690	1	0.03	1	560	8	0.03	<2	8	146
L829197		<10	<1	0.21	20	0.54	512	1	0.05	2	580	9	0.07	<2	8	132
L829198		<10	<1	0.28	20	0.58	870	2	0.03	3	550	239	1.61	4	7	91
L829199		<10	<1	0.18	10	0.76	641	2	0.03	2	550	9	0.06	<2	9	139
L829200		<10	<1	0.36	10	0.59	1255	<1	0.02	1	470	148	0.86	2	5	69
L829201		<10	<1	0.40	<10	0.23	1490	<1	0.02	<1	320	202	3.84	20	2	23

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198504

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829166		<20	<0.01	<10	<10	41	<10	42	<1		
L829167		<20	<0.01	<10	<10	39	<10	99	<1		
L829168		<20	<0.01	<10	<10	37	<10	122	<1		
L829169		<20	<0.01	<10	<10	11	<10	4810	4		
L829170		<20	<0.01	<10	<10	2	<10	23	<1		
L829171		<20	<0.01	<10	<10	24	<10	61	<1		
L829172		<20	<0.01	<10	<10	29	<10	600	<1		
L829173		<20	<0.01	<10	<10	19	<10	512	<1		
L829174		<20	<0.01	<10	<10	18	<10	572	<1		
L829175		<20	<0.01	<10	<10	10	<10	621	<1		
L829176		<20	<0.01	<10	<10	7	150	>10000	455	3.14	3.53
L829177		<20	<0.01	<10	<10	9	<10	161	<1		
L829178		<20	<0.01	<10	<10	31	<10	43	<1		
L829179		<20	<0.01	<10	<10	28	<10	42	<1		
L829180		<20	<0.01	<10	10	15	<10	124	<1		
L829181		<20	<0.01	<10	<10	11	<10	1620	1		
L829182		<20	<0.01	<10	<10	33	<10	41	<1		
L829183		<20	<0.01	<10	<10	26	<10	78	<1		
L829184		<20	<0.01	<10	10	9	<10	7230	3		
L829185		<20	<0.01	<10	<10	2	<10	39	<1		
L829186		<20	<0.01	<10	<10	21	<10	52	<1		
L829187		<20	<0.01	<10	<10	43	<10	39	<1		
L829188		<20	<0.01	<10	<10	37	<10	36	<1		
L829189		<20	<0.01	<10	<10	21	<10	322	1		
L829190		<20	<0.01	<10	<10	7	150	>10000	442	3.11	3.60
L829191		<20	<0.01	<10	<10	22	<10	177	2		
L829192		<20	<0.01	<10	<10	18	<10	191	<1		
L829193		<20	<0.01	<10	<10	29	<10	1215	5		
L829194		<20	<0.01	<10	<10	16	<10	613	1		
L829195		<20	<0.01	<10	<10	21	10	4470	5		
L829196		<20	<0.01	<10	<10	28	<10	51	<1		
L829197		<20	<0.01	<10	<10	39	<10	45	1		
L829198		<20	<0.01	<10	<10	30	<10	311	3		
L829199		<20	<0.01	<10	<10	48	<10	41	<1		
L829200		<20	<0.01	<10	10	17	<10	275	1		
L829201		<20	<0.01	<10	<10	9	<10	505	4		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198505

Project: Klaza DDH- 58

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198505

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K972882		11.90	<0.005	<0.2	1.38	4	<10	240	<0.5	4	1.46	0.6	7	10	9	2.47
K972883		5.87	0.005	<0.2	1.15	6	<10	250	<0.5	3	1.60	0.8	7	11	12	2.72
K972884		3.67	0.010	0.7	1.25	19	<10	360	0.5	4	2.24	1.5	7	9	48	2.68
K972885		2.34	0.021	0.8	1.14	29	<10	250	0.5	3	2.27	6.4	7	9	36	2.89
K972886		12.30	<0.005	<0.2	1.37	4	<10	160	<0.5	2	1.29	0.8	6	11	11	2.58
K972887		8.95	<0.005	0.2	1.40	4	<10	170	<0.5	2	1.38	0.7	6	13	49	2.76
K972888		5.24	0.045	1.6	1.02	60	<10	400	0.5	5	1.51	6.9	7	7	42	3.24
K972889		0.15	1.665	31.0	4.66	148	<10	30	<0.5	17	4.50	33.8	84	57	6990	8.01
K972890		12.28	<0.005	0.2	1.17	11	<10	200	<0.5	<2	1.57	<0.5	7	10	7	2.68
K972891		9.05	<0.005	0.3	1.23	5	<10	160	<0.5	<2	1.19	<0.5	7	9	8	2.51
K972892		2.11	0.138	3.2	0.63	232	<10	90	0.6	<2	1.91	4.6	7	6	167	4.35
K972893		5.88	<0.005	0.3	1.02	12	<10	250	0.7	<2	2.00	<0.5	6	5	5	2.52
K972894		6.40	0.034	0.9	0.67	88	<10	160	0.8	<2	2.39	1.1	7	5	6	3.02
K972895		5.98	0.489	26.6	0.74	1095	<10	30	0.5	21	1.32	26.8	9	6	356	4.40
K972896		1.15	<0.005	0.3	0.04	3	<10	20	<0.5	<2	18.0	<0.5	3	<1	1	0.38
K972897		7.28	<0.005	0.7	1.12	28	<10	370	0.7	<2	1.95	1.6	8	7	12	2.83
K972898		12.24	<0.005	0.2	1.22	7	<10	160	<0.5	<2	1.40	<0.5	6	8	5	2.41
K972899		4.35	0.323	2.0	0.63	872	<10	140	0.6	3	0.83	24.0	6	8	18	4.87
K972900		7.02	0.011	0.5	0.95	34	<10	210	0.6	<2	1.97	1.7	6	7	9	2.56
L829001		11.04	0.015	0.4	1.26	22	<10	190	<0.5	<2	1.48	2.3	6	12	38	2.80
L829002		13.79	<0.005	0.2	1.25	5	<10	160	<0.5	<2	1.30	<0.5	6	10	4	2.57
L829003		13.76	0.049	0.4	1.23	5	<10	200	<0.5	<2	1.32	4.9	7	12	10	2.87
L829004		6.31	<0.005	0.2	1.12	3	<10	150	<0.5	<2	1.30	<0.5	6	9	5	2.60
L829005		0.15	1.435	31.2	4.77	143	<10	40	<0.5	11	4.43	30.7	82	54	6680	8.10
L829006		8.64	0.020	3.2	0.89	28	<10	280	0.6	4	2.20	1.2	8	8	59	2.83
L829007		7.87	1.340	15.3	0.69	5430	<10	40	0.6	20	2.05	21.5	6	4	338	4.38
L829008		5.79	0.053	1.4	0.55	226	<10	90	0.7	<2	1.82	5.6	10	5	34	5.65
L829009		11.36	4.38	>100	0.51	2530	<10	10	<0.5	360	0.42	5.2	660	4	290	18.7
L829010		3.65	<0.005	0.5	0.06	15	<10	20	<0.5	<2	17.2	<0.5	4	1	2	0.46
L829011		7.18	0.077	3.4	0.55	140	<10	150	<0.5	3	1.82	10.8	29	4	64	3.04
L829012		5.02	0.577	4.2	0.61	249	<10	100	0.6	2	2.29	15.4	13	5	24	3.69
L829013		5.41	5.11	28.7	0.56	509	<10	60	0.6	38	2.24	148.5	7	5	581	4.66
L829014		7.00	0.893	7.0	0.49	649	<10	30	<0.5	9	1.33	39.0	45	6	160	4.09
L829015		4.10	0.219	2.0	0.57	835	<10	110	0.5	3	0.83	10.3	7	3	25	3.77
L829016		3.11	0.097	2.5	0.53	105	<10	200	0.5	2	1.78	21.7	12	6	28	3.40
L829017		7.31	0.102	1.2	0.84	337	<10	480	0.8	<2	1.71	7.2	6	5	27	2.77

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198505

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K972882		10	<1	0.24	20	0.61	477	1	0.11	3	560	13	0.03	3	4	53
K972883		<10	1	0.24	20	0.57	635	1	0.09	3	560	32	0.09	2	5	61
K972884		10	<1	0.32	20	0.55	973	1	0.08	3	570	68	0.17	3	6	73
K972885		<10	1	0.30	20	0.52	1010	1	0.06	4	570	187	0.28	2	5	73
K972886		10	<1	0.19	20	0.64	432	2	0.11	3	580	13	0.01	<2	4	48
K972887		10	<1	0.22	20	0.61	485	1	0.12	2	600	12	0.02	<2	4	53
K972888		<10	<1	0.26	20	0.64	1090	1	0.07	3	580	118	0.66	5	5	57
K972889		10	1	0.24	<10	1.13	606	46	0.34	306	660	8160	7.17	26	4	77
K972890		<10	<1	0.21	20	0.63	544	1	0.09	2	550	10	0.05	<2	5	63
K972891		10	<1	0.18	20	0.66	383	1	0.10	1	550	11	<0.01	2	4	48
K972892		<10	<1	0.35	10	0.55	2330	<1	0.02	<1	500	78	2.03	12	5	72
K972893		<10	<1	0.27	20	0.57	572	<1	0.03	<1	560	10	0.08	3	8	84
K972894		<10	<1	0.39	20	0.69	1925	1	0.01	1	490	58	1.14	6	6	70
K972895		<10	1	0.38	10	0.41	1935	4	0.01	1	400	1815	2.90	71	4	34
K972896		<10	<1	0.02	<10	12.15	176	<1	0.02	<1	190	4	0.01	3	<1	50
K972897		<10	<1	0.32	20	0.60	1055	<1	0.05	1	550	40	0.19	5	7	63
K972898		<10	<1	0.22	20	0.65	437	1	0.10	<1	550	12	0.01	2	5	52
K972899		<10	<1	0.40	10	0.34	7010	2	0.02	1	510	89	1.52	12	3	24
K972900		<10	<1	0.36	20	0.66	1670	1	0.05	1	580	74	0.22	3	6	68
L829001		<10	<1	0.25	20	0.62	526	1	0.11	1	550	63	0.12	6	5	56
L829002		10	<1	0.19	20	0.65	415	1	0.11	1	550	10	0.04	2	5	50
L829003		<10	<1	0.22	20	0.60	465	1	0.13	1	560	40	0.06	<2	5	63
L829004		<10	<1	0.19	20	0.62	504	<1	0.10	1	550	12	0.03	<2	5	59
L829005		10	1	0.23	10	1.13	602	43	0.33	286	650	8020	6.91	26	4	77
L829006		<10	<1	0.30	20	0.45	921	<1	0.06	2	540	58	0.46	3	7	84
L829007		<10	<1	0.43	10	0.64	3750	1	0.02	<1	460	419	2.44	23	4	66
L829008		<10	<1	0.38	20	0.77	3800	<1	0.02	<1	510	133	1.49	6	5	58
L829009		<10	1	0.38	<10	0.14	1010	21	0.02	11	190	1700	>10.0	37	1	11
L829010		<10	<1	0.03	<10	11.45	195	<1	0.02	<1	570	4	0.06	2	<1	46
L829011		<10	<1	0.41	10	0.61	1680	2	0.01	1	470	462	1.90	11	3	46
L829012		<10	<1	0.42	10	0.78	1750	1	0.02	1	520	141	1.72	6	4	64
L829013		<10	1	0.34	10	0.75	1575	3	0.02	1	380	1025	3.60	81	4	64
L829014		<10	<1	0.30	10	0.43	1325	10	0.01	2	230	107	3.17	20	3	45
L829015		<10	<1	0.35	10	0.33	1495	10	0.01	1	350	251	2.23	11	3	31
L829016		<10	<1	0.33	10	0.66	1310	2	0.02	1	420	709	1.28	6	5	57
L829017		<10	1	0.33	20	0.60	935	1	0.02	1	480	85	0.55	6	7	77

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198505

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K972882		<20	0.12	<10	<10	51	<10	32	<1
K972883		<20	0.08	<10	<10	48	<10	51	<1
K972884		20	0.04	<10	<10	46	<10	105	<1
K972885		20	0.04	<10	<10	43	<10	494	<1
K972886		<20	0.13	<10	<10	56	<10	34	<1
K972887		<20	0.12	<10	<10	54	<10	34	<1
K972888		<20	0.05	<10	<10	41	<10	508	<1
K972889		<20	0.06	<10	10	313	<10	7570	29
K972890		<20	0.06	<10	<10	46	<10	36	<1
K972891		<20	0.11	<10	<10	49	<10	30	<1
K972892		<20	<0.01	<10	<10	18	<10	389	2
K972893		<20	0.01	<10	<10	35	<10	35	<1
K972894		<20	<0.01	<10	<10	16	<10	160	<1
K972895		<20	<0.01	<10	<10	17	<10	2320	28
K972896		<20	<0.01	<10	<10	1	<10	17	<1
K972897		<20	0.01	<10	<10	36	<10	221	<1
K972898		<20	0.09	<10	<10	48	<10	32	<1
K972899		<20	<0.01	<10	<10	8	<10	1740	<1
K972900		<20	0.01	<10	<10	31	<10	146	<1
L829001		<20	0.08	<10	<10	47	<10	176	<1
L829002		<20	0.08	<10	<10	50	<10	32	<1
L829003		<20	0.08	<10	<10	49	<10	346	<1
L829004		<20	0.08	<10	<10	48	<10	46	<1
L829005		<20	0.05	<10	10	301	<10	7330	32
L829006		<20	0.01	<10	<10	34	<10	109	3
L829007		<20	<0.01	<10	<10	11	<10	1500	15
L829008		<20	<0.01	<10	<10	14	<10	503	1
L829009		<20	<0.01	<10	<10	7	<10	407	192
L829010		<20	<0.01	<10	<10	2	<10	15	<1
L829011		<20	<0.01	<10	<10	10	<10	900	3
L829012		<20	<0.01	<10	<10	11	<10	1110	4
L829013		<20	<0.01	<10	<10	13	<10	9250	27
L829014		<20	<0.01	<10	<10	10	<10	2650	7
L829015		<20	<0.01	<10	<10	11	<10	720	2
L829016		<20	<0.01	<10	<10	17	<10	1990	2
L829017		<20	<0.01	<10	<10	28	<10	507	1

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198506

Project: Klaza DDH- 59

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198506

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829202		5.05	0.230	25.2	0.45	324	<10	70	<0.5	3	1.39	15.1	70	2	56	3.31
L829203		8.55	0.064	4.4	0.55	247	<10	240	0.5	3	2.65	14.5	48	3	30	2.85
L829204		5.32	0.008	1.0	0.61	48	<10	80	0.5	2	2.87	0.8	31	3	30	2.45
L829205		4.21	0.018	0.9	0.58	63	<10	170	0.6	<2	2.07	3.2	9	4	5	2.97
L829206		1.76	<0.005	<0.2	0.05	2	<10	10	<0.5	2	18.8	<0.5	2	1	1	0.45
L829207		8.10	<0.005	0.2	0.66	23	<10	290	0.6	<2	2.69	2.9	6	4	8	2.41
L829208		5.44	0.081	0.8	0.66	504	<10	270	0.6	<2	2.89	3.4	5	3	37	2.44
L829209		8.53	0.005	<0.2	0.83	10	<10	640	0.6	<2	2.30	<0.5	10	6	1	2.01
L829210		8.89	0.026	<0.2	0.95	10	<10	410	<0.5	<2	1.67	<0.5	7	7	1	2.38
L829211		11.16	<0.005	<0.2	0.95	9	<10	320	0.6	<2	2.82	<0.5	6	6	3	1.74
L829212		6.90	0.008	<0.2	0.87	18	<10	370	0.6	<2	2.25	<0.5	7	6	3	2.16
L829213		8.70	0.006	0.2	0.61	47	<10	310	0.5	<2	2.79	0.5	24	3	64	2.10
L829214		4.75	0.172	3.9	0.58	214	<10	30	0.6	5	1.20	19.8	25	3	104	3.38
L829215		2.38	<0.005	<0.2	0.03	2	<10	20	<0.5	<2	19.6	<0.5	2	<1	1	0.43
L829216		13.88	<0.005	<0.2	0.66	8	<10	690	0.8	<2	2.67	0.6	6	3	7	1.76
L829217		12.43	<0.005	<0.2	0.65	5	<10	1640	0.8	<2	4.56	<0.5	5	2	9	1.28
L829218		14.34	<0.005	<0.2	0.66	3	<10	1100	0.8	<2	3.07	<0.5	5	2	3	1.69
L829219		0.13	1.470	32.5	4.74	143	<10	50	<0.5	9	4.41	31.7	83	53	6970	7.92
L829220		11.67	0.010	0.4	0.87	28	<10	1100	1.0	<2	2.68	0.9	9	6	18	2.77
L829221		4.55	2.22	12.0	0.71	512	<10	40	0.6	15	1.69	249	8	3	822	5.07
L829222		7.49	<0.005	<0.2	0.82	24	<10	700	0.7	<2	2.44	0.5	6	4	9	2.49
L829223		9.75	0.008	<0.2	0.59	26	<10	480	0.6	3	2.76	1.3	12	3	16	2.07
L829224		4.58	0.008	<0.2	0.60	25	<10	410	0.7	<2	2.78	0.7	12	4	20	2.12
L829225		4.48	0.017	0.7	0.56	49	<10	130	0.6	<2	2.74	4.6	17	2	18	2.36
L829226		7.54	0.012	0.7	0.55	71	<10	280	0.6	2	2.43	3.4	13	4	40	2.31
L829227		6.61	0.689	8.6	0.57	378	<10	40	0.6	13	1.05	12.7	14	2	120	5.99
L829228		10.49	0.013	<0.2	0.56	21	<10	380	0.6	<2	2.21	0.5	10	4	8	2.93
L829229		0.13	1.455	33.1	4.84	152	<10	50	<0.5	<2	4.54	32.9	87	56	7060	8.11
L829230		8.94	<0.005	<0.2	0.63	15	<10	480	0.6	<2	1.87	<0.5	6	3	26	2.33
L829231		6.88	0.072	2.0	0.68	126	<10	130	0.5	2	1.94	1.0	15	4	188	2.92
L829232		8.90	0.050	2.7	0.60	131	<10	270	<0.5	2	1.77	1.5	8	4	215	2.88
L829233		10.41	<0.005	<0.2	0.76	18	<10	320	0.6	<2	1.25	1.0	8	6	12	2.85
L829234		4.50	0.090	20.4	0.48	485	<10	110	0.6	15	2.09	39.4	8	3	2360	4.25
L829235		4.77	<0.005	0.2	1.14	9	<10	200	0.5	<2	1.67	<0.5	7	7	15	2.69
L829236		10.96	<0.005	<0.2	0.96	7	<10	180	<0.5	<2	1.37	<0.5	7	9	6	2.71
L829237		13.07	<0.005	<0.2	0.91	6	<10	1120	<0.5	<2	2.17	<0.5	6	7	7	2.66

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198506

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829202		<10	<1	0.35	10	0.36	2660	3	0.02	1	390	463	2.41	15	3	29
L829203		<10	<1	0.33	10	0.71	2580	<1	0.03	1	620	183	1.10	6	5	79
L829204		<10	<1	0.33	10	0.76	1405	<1	0.02	1	610	59	0.89	3	5	78
L829205		<10	<1	0.37	10	0.60	3740	<1	0.02	1	580	74	0.99	3	5	62
L829206		<10	<1	0.03	10	11.90	201	<1	0.03	3	190	<2	0.08	<2	<1	47
L829207		<10	<1	0.31	20	0.68	1050	<1	0.04	<1	580	38	0.33	<2	6	114
L829208		<10	<1	0.29	20	0.89	882	<1	0.03	1	540	60	0.97	4	6	123
L829209		<10	<1	0.18	20	0.69	468	<1	0.07	1	570	9	0.25	<2	7	153
L829210		<10	<1	0.16	20	0.65	434	<1	0.08	1	560	13	0.16	<2	6	96
L829211		<10	<1	0.19	20	0.59	498	<1	0.03	2	570	10	0.16	3	7	129
L829212		<10	1	0.20	20	0.57	496	<1	0.05	1	550	20	0.20	3	7	109
L829213		<10	<1	0.31	10	0.63	958	<1	0.02	1	580	31	0.73	6	5	109
L829214		<10	<1	0.40	10	0.30	1080	1	0.01	3	590	353	3.12	13	2	54
L829215		<10	<1	0.02	<10	11.85	203	<1	0.01	<1	190	<2	0.03	2	<1	44
L829216		<10	<1	0.31	20	0.62	447	1	0.02	2	900	14	0.06	6	3	223
L829217		<10	1	0.33	20	0.67	493	<1	0.01	1	780	27	0.08	4	3	267
L829218		<10	1	0.34	20	0.64	450	1	0.02	1	930	14	0.06	3	3	289
L829219		10	1	0.23	10	1.06	596	47	0.32	309	660	8530	7.06	26	4	71
L829220		<10	1	0.33	10	1.01	713	5	0.05	9	1190	45	0.18	6	4	264
L829221		<10	2	0.29	20	0.58	1480	1	0.03	<1	510	436	4.16	40	5	101
L829222		<10	1	0.27	30	0.62	716	1	0.03	<1	600	14	0.19	4	7	143
L829223		<10	1	0.31	30	0.81	1140	<1	0.01	1	550	56	0.57	4	5	127
L829224		<10	<1	0.31	30	0.81	1140	<1	0.01	1	550	40	0.50	5	5	143
L829225		<10	<1	0.27	20	0.81	951	<1	0.01	1	470	262	1.16	6	4	122
L829226		<10	1	0.32	20	0.69	1160	1	0.01	<1	530	112	0.85	6	5	110
L829227		<10	<1	0.33	20	0.42	841	3	0.01	<1	460	929	5.32	21	3	52
L829228		<10	<1	0.32	30	0.76	1145	2	0.01	1	510	41	0.75	3	5	103
L829229		10	1	0.23	10	1.10	616	50	0.33	321	670	8780	7.15	27	4	72
L829230		<10	1	0.23	20	0.62	854	1	0.01	<1	550	16	0.22	7	7	85
L829231		<10	2	0.26	30	0.61	1185	1	0.01	1	550	72	1.00	32	7	71
L829232		<10	<1	0.33	30	0.54	1160	3	0.01	<1	540	92	1.04	30	5	56
L829233		<10	<1	0.19	30	0.43	683	1	0.01	1	680	34	0.25	5	9	63
L829234		<10	1	0.31	10	0.55	1855	1	0.01	<1	500	570	2.36	59	4	85
L829235		<10	<1	0.18	20	0.66	568	<1	0.05	1	570	10	0.08	<2	6	93
L829236		<10	<1	0.15	20	0.57	367	<1	0.08	1	570	10	0.09	3	5	71
L829237		<10	<1	0.19	30	0.70	612	2	0.05	<1	600	10	0.17	3	6	116

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Finalized Date: 18- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198506

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L829202		<20	<0.01	<10	10	7	<10	1180	26	
L829203		<20	<0.01	<10	10	13	<10	1130	5	
L829204		<20	<0.01	<10	10	12	<10	106	1	
L829205		<20	<0.01	<10	10	9	<10	314	1	
L829206		<20	<0.01	<10	<10	1	<10	15	<1	
L829207		<20	<0.01	<10	<10	24	<10	200	1	
L829208		<20	<0.01	<10	10	23	<10	357	1	
L829209		<20	<0.01	<10	<10	31	<10	36	1	
L829210		<20	0.03	<10	<10	43	<10	60	<1	
L829211		<20	<0.01	<10	<10	30	<10	37	1	
L829212		20	<0.01	<10	<10	32	<10	65	<1	
L829213		<20	<0.01	<10	<10	12	<10	74	1	
L829214		<20	<0.01	<10	<10	8	<10	1725	5	
L829215		<20	<0.01	<10	<10	2	<10	18	<1	
L829216		<20	<0.01	<10	<10	13	<10	106	<1	
L829217		<20	<0.01	<10	<10	9	<10	66	<1	
L829218		<20	<0.01	<10	<10	12	<10	73	<1	
L829219		<20	0.05	<10	<10	305	50	7670	34	
L829220		<20	<0.01	<10	<10	30	<10	124	1	
L829221		<20	<0.01	<10	<10	20	<10	>10000	12	1.700
L829222		20	<0.01	<10	<10	25	<10	69	<1	
L829223		<20	<0.01	<10	<10	14	<10	119	1	
L829224		<20	<0.01	<10	<10	14	<10	83	<1	
L829225		<20	<0.01	<10	<10	15	<10	356	1	
L829226		<20	<0.01	<10	<10	14	<10	375	1	
L829227		<20	<0.01	<10	<10	19	<10	1140	8	
L829228		<20	<0.01	<10	<10	22	<10	87	<1	
L829229		<20	0.05	<10	<10	309	40	7940	31	
L829230		<20	<0.01	<10	<10	28	<10	60	<1	
L829231		<20	<0.01	<10	<10	28	<10	107	1	
L829232		<20	<0.01	<10	<10	21	<10	138	3	
L829233		20	<0.01	<10	<10	39	<10	144	<1	
L829234		<20	<0.01	<10	<10	16	20	4210	19	
L829235		<20	0.01	<10	<10	45	<10	47	<1	
L829236		20	0.06	<10	<10	50	<10	32	<1	
L829237		<20	0.02	<10	<10	42	<10	46	<1	

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Finalized Date: 25- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198507

Project: Klaza DDH- 58

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11198507

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829054		3.37	0.098	0.6	0.54	254	<10	70	0.6	<2	1.82	0.9	7	3	21	2.44
L829055		2.93	5.45	20.7	0.44	2240	<10	20	0.5	14	1.72	159.0	6	3	280	5.59
L829056		7.51	0.006	0.2	0.68	7	<10	1060	0.8	<2	1.68	0.6	4	4	11	2.07
L829057		13.32	0.009	0.3	0.63	7	<10	1020	0.7	<2	1.82	0.8	3	3	13	1.66
L829058		13.07	<0.005	0.5	0.60	7	<10	720	0.7	<2	2.25	0.6	3	2	11	1.75
L829059		5.42	0.005	0.3	0.53	9	<10	1520	0.6	<2	2.08	0.8	3	2	6	1.87
L829060		7.83	0.112	4.1	0.53	306	<10	80	0.6	<2	2.13	9.9	6	3	90	3.47
L829061		1.79	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.4	<0.5	2	<1	<1	0.45
L829062		5.35	0.025	0.3	0.55	29	<10	1170	0.8	2	2.41	1.3	8	5	13	2.64
L829063		5.05	0.354	6.3	0.58	2260	<10	60	<0.5	5	1.06	93.4	7	8	87	5.25
L829064		3.62	3.66	>100	0.44	7250	<10	<10	<0.5	21	1.61	63.8	6	4	3540	9.86
L829065		3.52	0.245	5.6	0.59	520	<10	30	<0.5	7	0.41	17.3	4	6	138	6.14
L829066		4.47	0.147	4.2	0.49	411	<10	40	0.6	4	1.12	15.0	6	3	77	3.88
L829067		10.81	0.008	<0.2	0.69	60	<10	920	0.8	4	2.86	<0.5	8	4	10	2.47
L829068		0.17	3.36	>100	0.17	>10000	<10	<10	<0.5	3	0.41	331	2	9	1595	13.8
L829069		11.34	0.015	0.7	0.52	49	<10	810	0.8	<2	3.08	1.5	5	3	45	2.21
L829070		4.23	0.193	3.9	0.68	515	<10	50	0.5	2	1.14	19.3	6	5	189	4.90
L829071		3.23	0.037	1.7	0.60	153	<10	350	0.7	<2	1.60	2.6	5	4	180	2.86
L829072		3.71	0.369	2.9	0.98	921	<10	80	0.6	4	0.99	12.8	16	7	54	4.74
L829073		6.96	0.005	0.3	1.21	10	<10	870	0.6	<2	1.79	1.1	6	6	19	3.11
L829074		6.99	<0.005	0.3	0.96	5	<10	430	0.5	<2	1.96	<0.5	6	6	27	2.52
L829075		3.77	0.006	0.3	1.19	8	<10	410	0.6	<2	1.97	<0.5	8	7	29	2.73
L829076		8.18	<0.005	0.2	1.11	3	<10	150	<0.5	<2	1.15	<0.5	6	9	4	2.61
L829077		11.40	<0.005	0.2	1.46	7	<10	140	<0.5	<2	1.17	<0.5	5	12	6	2.69
L829078		6.43	0.006	0.6	1.07	20	<10	160	<0.5	<2	1.55	1.6	6	9	34	2.72
L829079		4.49	1.340	8.9	0.62	1455	<10	30	<0.5	11	0.81	79.0	6	6	281	7.51
L829080		1.78	<0.005	0.2	0.03	<2	<10	10	<0.5	<2	19.0	<0.5	1	1	2	0.46
L829081		5.63	0.594	2.1	1.04	38	<10	250	<0.5	4	1.28	1.6	7	9	73	3.10
L829082		3.70	3.84	44.2	0.52	1190	<10	10	<0.5	73	1.06	65.3	6	4	1570	10.85
L829083		12.07	0.015	0.4	1.22	22	<10	310	<0.5	<2	1.30	0.5	7	13	9	3.27
L829084		5.48	0.067	2.5	0.59	444	<10	140	0.6	2	1.68	16.3	6	5	84	4.22
L829085		2.55	<0.005	<0.2	1.07	14	<10	200	0.6	<2	1.85	<0.5	6	8	6	2.79
L829086		3.82	0.208	1.8	0.43	572	<10	40	0.6	<2	3.30	10.6	8	4	30	3.66
L829087		8.72	0.036	0.3	1.06	230	<10	160	<0.5	<2	1.37	0.5	6	10	6	2.68
L829088		0.16	3.25	>100	0.19	>10000	<10	10	<0.5	2	0.41	323	2	10	1560	13.7
L829089		6.27	0.005	0.2	1.32	11	<10	200	<0.5	<2	1.07	<0.5	7	12	88	2.99

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198507

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829054		<10	1	0.35	10	0.53	1195	7	0.04	2	500	31	1.59	9	3	71
L829055		<10	2	0.31	10	0.49	3100	10	0.04	2	410	584	5.95	64	2	60
L829056		<10	<1	0.33	20	0.62	589	1	0.04	2	820	19	0.07	3	3	124
L829057		<10	<1	0.34	20	0.58	545	1	0.04	3	740	18	0.07	2	3	140
L829058		<10	<1	0.32	20	0.72	549	<1	0.04	2	800	23	0.07	2	3	209
L829059		<10	<1	0.28	20	0.71	587	2	0.05	3	790	37	0.09	2	3	151
L829060		<10	1	0.35	10	0.64	2560	8	0.04	3	460	263	1.97	28	3	69
L829061		<10	<1	0.02	<10	12.05	203	<1	0.02	<1	180	<2	0.08	<2	<1	47
L829062		<10	<1	0.29	10	0.95	861	<1	0.01	3	1110	24	0.24	3	4	245
L829063		10	<1	0.44	10	0.58	4350	<1	0.02	14	600	1750	2.18	6	2	23
L829064		<10	<1	0.33	<10	0.49	2860	<1	0.02	<1	430	844	>10.0	181	2	42
L829065		<10	<1	0.42	10	0.19	1100	<1	0.03	1	490	371	5.72	20	2	20
L829066		<10	<1	0.33	10	0.46	2210	1	0.04	2	540	576	2.29	14	3	67
L829067		<10	<1	0.37	10	0.92	827	<1	0.02	3	580	17	0.21	<2	4	214
L829068		<10	1	0.07	<10	0.17	1470	<1	0.02	9	140	>10000	>10.0	558	1	17
L829069		<10	<1	0.27	10	0.88	663	1	0.02	4	560	41	0.32	3	4	368
L829070		<10	<1	0.39	10	0.41	1235	1	0.01	1	490	501	3.65	21	3	98
L829071		<10	1	0.29	10	0.61	1210	<1	0.01	1	510	153	0.60	15	5	95
L829072		<10	1	0.35	20	0.43	1165	6	0.02	1	550	733	2.56	11	6	49
L829073		<10	<1	0.22	20	0.61	568	<1	0.03	1	570	32	0.19	<2	7	94
L829074		<10	<1	0.25	20	0.49	585	1	0.03	1	580	10	0.21	<2	6	80
L829075		<10	<1	0.31	20	0.52	598	1	0.04	2	590	15	0.25	<2	6	82
L829076		10	<1	0.13	20	0.63	362	<1	0.08	1	570	10	0.05	<2	4	50
L829077		<10	<1	0.17	20	0.60	403	<1	0.11	2	530	11	0.05	<2	3	61
L829078		<10	<1	0.19	20	0.60	900	<1	0.06	1	550	81	0.11	<2	5	68
L829079		<10	<1	0.39	10	0.46	1730	<1	0.01	1	460	1040	5.64	4	3	39
L829080		<10	<1	0.01	<10	11.85	214	<1	0.01	2	160	4	0.05	<2	<1	47
L829081		<10	<1	0.25	20	0.64	684	<1	0.08	1	540	83	0.51	<2	5	65
L829082		<10	<1	0.28	10	0.41	2540	<1	0.02	<1	390	1225	>10.0	39	3	44
L829083		<10	<1	0.29	20	0.62	775	<1	0.10	2	560	18	0.29	<2	5	70
L829084		<10	<1	0.35	10	0.65	2700	<1	0.02	1	530	300	1.46	10	5	72
L829085		<10	<1	0.23	20	0.68	764	1	0.06	1	570	9	0.16	2	7	105
L829086		<10	<1	0.31	10	0.98	4810	1	0.01	1	430	98	1.73	11	4	109
L829087		<10	<1	0.19	20	0.65	672	<1	0.07	2	590	26	0.19	<2	4	62
L829088		10	2	0.07	<10	0.17	1470	<1	0.02	10	140	>10000	>10.0	547	1	22
L829089		10	<1	0.20	20	0.67	466	<1	0.11	1	590	10	0.10	4	4	101

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11198507

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
L829054		<20	<0.01	<10	10	8	<10	105	1		
L829055		<20	<0.01	<10	<10	7	<10	>10000	19		1.435
L829056		<20	<0.01	<10	<10	14	<10	113	<1		
L829057		<20	<0.01	<10	<10	12	<10	114	1		
L829058		<20	<0.01	<10	<10	15	<10	133	1		
L829059		<20	<0.01	<10	<10	15	<10	142	1		
L829060		<20	<0.01	<10	<10	9	<10	780	5		
L829061		<20	<0.01	<10	<10	1	<10	15	1		
L829062		<20	<0.01	<10	<10	25	<10	148	<1		
L829063		<20	<0.01	<10	<10	9	20	6710	7		
L829064		<20	<0.01	<10	10	6	10	4910	106		
L829065		<20	<0.01	<10	<10	8	<10	1340	5		
L829066		<20	<0.01	<10	<10	10	<10	1140	3		
L829067		<20	<0.01	<10	<10	27	<10	53	<1		
L829068		<20	<0.01	<10	<10	7	160	>10000	393	3.05	3.51
L829069		<20	<0.01	<10	<10	24	<10	157	1		
L829070		<20	<0.01	<10	<10	13	<10	1395	3		
L829071		<20	<0.01	<10	<10	22	<10	199	1		
L829072		<20	<0.01	<10	<10	29	<10	995	2		
L829073		<20	<0.01	<10	<10	36	<10	104	<1		
L829074		<20	0.01	<10	<10	34	<10	46	<1		
L829075		<20	0.01	<10	<10	37	<10	49	<1		
L829076		<20	0.12	<10	<10	53	<10	26	<1		
L829077		<20	0.12	<10	<10	50	<10	36	<1		
L829078		<20	0.05	<10	<10	43	<10	189	<1		
L829079		<20	<0.01	<10	<10	16	<10	7800	10		
L829080		<20	<0.01	<10	10	1	<10	31	<1		
L829081		<20	0.05	<10	<10	44	<10	178	<1		
L829082		<20	<0.01	<10	<10	15	<10	5760	41		
L829083		<20	0.07	<10	<10	48	<10	63	<1		
L829084		<20	<0.01	<10	<10	18	<10	1485	1		
L829085		<20	0.01	<10	<10	41	<10	37	<1		
L829086		<20	<0.01	<10	<10	10	<10	808	1		
L829087		<20	0.07	<10	<10	47	<10	57	<1		
L829088		<20	<0.01	<10	<10	8	140	>10000	413	3.10	3.55
L829089		<20	0.12	<10	<10	56	<10	32	<1		

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198508

Project: Klaza DDH- 62

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 62

CERTIFICATE OF ANALYSIS WH11198508

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
K973756		2.38	0.024	2.0	0.70	782	<10	210	<0.5	<2	1.63	26.8	4	5	81	3.78
K973757		7.87	<0.005	<0.2	0.98	45	<10	330	<0.5	<2	1.64	0.8	3	10	1	2.56
K973758		9.43	0.005	<0.2	1.05	8	<10	380	<0.5	<2	2.03	<0.5	3	8	2	2.59
K973759		4.08	0.037	2.4	0.90	156	<10	180	<0.5	<2	1.60	36.2	5	7	48	3.95
K973760		1.70	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.4	<0.5	1	1	1	0.40
K973761		5.94	<0.005	<0.2	1.01	5	<10	330	<0.5	<2	1.72	<0.5	3	9	1	2.48
K973762		4.36	0.097	0.8	0.80	188	<10	180	0.5	<2	1.68	3.4	5	7	43	3.29
K973763		1.87	0.106	0.9	0.80	337	<10	180	0.5	<2	1.57	4.2	6	6	49	3.39
K973764		6.02	0.013	<0.2	1.18	53	<10	450	0.5	<2	1.79	0.6	5	9	2	3.00
K973765		8.31	0.009	<0.2	1.44	13	<10	280	0.6	<2	1.58	<0.5	4	7	<1	3.99
K973766		6.84	0.006	<0.2	1.22	5	<10	380	0.7	<2	2.35	<0.5	7	7	2	2.74
K973767		0.12	1.495	31.8	4.79	146	<10	50	<0.5	5	4.62	32.0	85	57	7080	8.42
K973768		8.80	0.005	<0.2	0.88	6	<10	450	0.6	<2	1.86	<0.5	4	6	9	2.36
K973769		6.89	0.011	<0.2	0.84	26	<10	390	0.7	<2	1.80	0.8	4	5	21	3.24
K973770		4.41	0.338	14.2	0.52	309	<10	80	<0.5	16	0.80	16.2	7	3	299	5.60
K973771		2.87	0.080	0.5	0.66	118	<10	230	0.6	<2	2.01	<0.5	9	4	42	2.86
K973772		4.18	0.078	1.2	0.58	127	<10	70	0.7	<2	1.77	2.0	6	3	31	2.86
K973773		1.90	<0.005	<0.2	0.06	3	<10	20	<0.5	<2	19.5	<0.5	1	<1	<1	0.40
K973774		8.51	<0.005	0.3	0.81	4	<10	770	0.9	<2	2.81	<0.5	4	3	4	1.99
K973775		5.98	<0.005	0.2	0.88	4	<10	660	1.0	<2	3.03	<0.5	4	3	2	1.66
K973776		12.22	<0.005	<0.2	0.70	2	<10	1560	0.9	<2	3.25	<0.5	4	2	<1	1.73
K973777		12.39	<0.005	0.2	0.69	8	<10	2100	0.8	<2	3.25	<0.5	4	3	7	1.79
K973778		4.50	0.068	1.0	0.74	127	<10	610	0.7	<2	2.88	1.9	6	5	19	2.62
K973779		8.49	0.266	2.7	0.69	586	<10	70	0.6	4	2.37	7.4	4	3	82	2.73
K973780		6.78	0.029	0.3	0.53	88	<10	80	0.5	2	2.75	3.5	9	3	12	2.88
K973781		3.40	1.015	>100	0.47	659	<10	20	0.5	517	2.18	12.9	21	4	320	6.70
K973782		10.93	0.005	0.4	0.74	11	<10	710	<0.5	2	2.16	<0.5	8	7	10	2.31
K973783		0.12	1.550	32.9	4.81	150	<10	30	<0.5	<2	4.54	32.0	86	56	7030	8.16
K973784		10.56	0.005	0.5	0.94	8	<10	800	<0.5	<2	1.72	<0.5	10	8	42	2.63
K973785		6.92	0.044	0.3	0.72	37	<10	550	0.5	2	2.46	2.3	6	6	31	2.72
K973786		10.62	0.007	0.3	0.82	16	<10	350	<0.5	2	2.00	2.6	9	6	18	2.62
K973787		4.38	0.586	3.3	1.12	214	<10	50	0.5	9	1.75	6.7	39	3	43	8.48
K973788		10.22	0.005	0.2	0.99	12	<10	340	<0.5	<2	1.96	<0.5	9	8	32	2.51
K973789		5.25	0.029	1.1	0.52	133	<10	120	0.7	2	2.28	1.8	6	5	20	2.88
K973790		5.49	0.158	8.4	0.48	441	<10	50	0.6	8	1.52	8.9	5	3	433	5.08
K973791		3.86	0.079	2.3	0.75	705	<10	220	0.6	<2	1.61	16.7	5	5	65	3.45

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CERTIFICATE OF ANALYSIS WH11198508

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973756		<10	1	0.36	10	0.51	1095	<1	0.02	<1	540	362	1.38	5	4	72
K973757		<10	<1	0.21	20	0.62	466	<1	0.09	<1	560	23	0.07	3	6	73
K973758		<10	<1	0.25	20	0.63	506	<1	0.08	<1	590	9	0.16	4	6	68
K973759		<10	<1	0.34	10	0.59	1165	<1	0.04	<1	540	819	1.14	5	4	61
K973760		<10	1	0.02	<10	12.20	194	<1	0.01	<1	230	2	0.03	3	<1	56
K973761		<10	<1	0.19	20	0.67	433	<1	0.08	<1	550	11	0.03	2	6	64
K973762		<10	<1	0.26	20	0.56	864	1	0.04	<1	560	56	0.98	5	5	66
K973763		<10	1	0.28	20	0.52	871	1	0.04	<1	560	64	1.15	8	5	64
K973764		<10	<1	0.24	20	0.69	656	1	0.06	<1	580	12	0.15	3	6	76
K973765		<10	1	0.28	20	0.77	1190	<1	0.04	<1	580	11	0.15	5	6	73
K973766		<10	<1	0.36	30	0.62	848	<1	0.04	<1	560	11	0.19	4	6	97
K973767		10	1	0.24	<10	1.13	633	47	0.32	317	670	8530	7.27	29	4	74
K973768		<10	1	0.20	20	0.45	541	<1	0.01	<1	610	18	0.07	7	8	59
K973769		<10	<1	0.30	20	0.66	1175	<1	0.01	<1	560	21	0.15	6	7	69
K973770		<10	<1	0.39	10	0.37	3560	4	0.01	<1	440	244	3.13	42	4	22
K973771		<10	<1	0.41	20	0.58	1510	1	0.01	<1	520	22	1.31	10	5	75
K973772		<10	<1	0.29	10	0.53	1140	16	0.01	<1	440	92	1.54	20	4	85
K973773		<10	<1	0.03	<10	11.80	190	<1	0.01	<1	280	<2	0.04	<2	<1	51
K973774		<10	<1	0.36	20	0.70	594	2	0.01	<1	890	23	0.06	5	3	241
K973775		<10	1	0.44	20	0.66	486	<1	0.02	<1	860	28	0.04	4	3	302
K973776		<10	<1	0.39	20	0.67	458	<1	0.03	<1	830	22	0.05	3	3	364
K973777		<10	<1	0.37	20	0.67	520	1	0.03	<1	890	19	0.08	2	3	346
K973778		<10	<1	0.35	20	0.83	657	1	0.03	2	1150	30	0.46	7	4	293
K973779		<10	<1	0.34	20	0.68	1255	1	0.02	6	560	65	1.69	8	5	111
K973780		<10	<1	0.36	10	0.63	1190	<1	0.03	2	540	26	1.47	<2	5	111
K973781		<10	<1	0.30	10	0.58	1155	<1	0.03	1	400	749	6.80	19	4	79
K973782		<10	<1	0.22	20	0.61	431	<1	0.08	2	570	8	0.36	<2	7	144
K973783		10	2	0.23	10	1.13	615	43	0.34	316	670	8250	7.29	24	4	77
K973784		<10	<1	0.19	20	0.71	442	<1	0.09	3	590	22	0.34	<2	6	124
K973785		<10	<1	0.25	20	0.74	960	<1	0.06	2	530	26	0.33	2	6	117
K973786		<10	<1	0.23	20	0.64	893	<1	0.07	2	540	54	0.43	<2	6	101
K973787		<10	<1	0.35	20	1.19	2230	<1	0.03	4	380	98	4.99	<2	5	89
K973788		<10	<1	0.20	20	0.65	486	<1	0.10	2	590	9	0.33	<2	7	103
K973789		<10	<1	0.30	20	0.67	1145	<1	0.02	1	600	62	1.21	5	6	118
K973790		<10	<1	0.35	10	0.46	5850	2	0.02	2	530	382	3.71	25	4	56
K973791		<10	<1	0.33	20	0.52	3130	<1	0.04	1	530	468	1.12	9	5	70

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 62

CERTIFICATE OF ANALYSIS WH11198508

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
K973756		<20	<0.01	<10	<10	23	<10	2780	3
K973757		<20	0.05	<10	<10	48	<10	80	1
K973758		<20	0.05	<10	<10	45	<10	45	<1
K973759		<20	0.01	<10	<10	32	<10	3090	4
K973760		<20	<0.01	<10	10	2	<10	20	1
K973761		<20	0.04	<10	<10	48	<10	43	<1
K973762		<20	0.01	<10	<10	35	<10	308	1
K973763		<20	0.01	<10	<10	34	<10	382	<1
K973764		<20	0.02	<10	<10	43	<10	93	<1
K973765		<20	0.01	<10	<10	40	<10	77	<1
K973766		<20	<0.01	<10	<10	33	<10	58	<1
K973767		<20	0.06	<10	<10	314	10	7480	33
K973768		20	<0.01	<10	<10	39	<10	46	<1
K973769		<20	<0.01	<10	<10	29	<10	123	1
K973770		<20	<0.01	<10	<10	11	<10	1450	12
K973771		<20	<0.01	<10	<10	10	<10	66	1
K973772		<20	<0.01	<10	<10	13	<10	185	2
K973773		<20	<0.01	<10	10	1	<10	16	1
K973774		<20	<0.01	<10	<10	11	<10	66	1
K973775		<20	<0.01	<10	<10	11	<10	66	1
K973776		<20	<0.01	<10	<10	10	<10	76	<1
K973777		<20	<0.01	<10	<10	12	<10	84	<1
K973778		<20	<0.01	<10	<10	28	<10	201	<1
K973779		<20	<0.01	<10	<10	10	<10	614	1
K973780		<20	<0.01	<10	<10	12	<10	303	<1
K973781		<20	<0.01	<10	<10	11	<10	922	169
K973782		<20	0.01	<10	<10	36	<10	40	<1
K973783		<20	0.05	<10	10	315	10	7390	30
K973784		<20	0.02	<10	<10	45	<10	70	<1
K973785		<20	<0.01	<10	<10	31	<10	280	<1
K973786		<20	0.01	<10	<10	35	<10	263	<1
K973787		<20	<0.01	<10	<10	35	<10	667	3
K973788		<20	0.02	<10	<10	43	<10	42	<1
K973789		<20	<0.01	<10	<10	21	<10	179	<1
K973790		<20	<0.01	<10	<10	8	<10	900	7
K973791		<20	<0.01	<10	<10	22	<10	1545	1

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198509

Project: Klaza DDH- 53

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 22- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198509

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828632		4.70	0.068	1.7	0.61	119	<10	150	<0.5	2	2.43	13.0	5	3	20	2.34
L828633		5.73	0.015	0.6	0.63	17	<10	140	<0.5	3	2.60	2.1	13	3	4	2.96
L828634		5.23	0.015	1.4	0.58	42	<10	200	<0.5	<2	2.00	8.6	4	3	25	2.78
L828635		2.09	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.1	<0.5	1	1	<1	0.46
L828636		6.03	<0.005	<0.2	0.68	9	<10	140	<0.5	<2	2.69	0.8	10	3	1	2.21
L828637		9.44	0.005	<0.2	0.69	11	<10	150	0.5	<2	3.02	0.6	12	4	1	2.19
L828638		10.30	<0.005	<0.2	0.77	10	<10	210	<0.5	2	2.89	1.2	14	3	3	2.31
L828639		8.37	0.018	0.6	0.67	20	<10	200	0.5	<2	2.64	4.5	7	3	6	2.53
L828640		4.69	<0.005	<0.2	0.78	5	<10	240	0.6	<2	2.20	<0.5	9	3	5	2.20
L828641		11.56	0.008	<0.2	0.71	17	<10	280	<0.5	<2	2.53	1.7	3	4	7	1.66
L828642		11.87	<0.005	<0.2	1.03	5	<10	480	0.5	<2	2.47	<0.5	3	4	7	1.71
L828643		12.14	<0.005	<0.2	0.78	7	<10	130	0.5	2	3.11	<0.5	3	6	1	1.94
L828644		13.41	<0.005	<0.2	0.75	5	<10	260	0.5	<2	3.18	<0.5	4	4	1	1.82
L828645		9.57	<0.005	<0.2	1.14	4	<10	330	0.5	<2	1.98	<0.5	4	6	7	2.61
L828646		4.22	0.198	5.7	0.43	1830	<10	30	<0.5	3	0.82	32.1	8	4	100	4.05
L828647		11.13	0.005	0.8	1.24	12	<10	370	0.7	2	1.98	2.4	5	5	43	2.92
L828648		3.63	0.194	2.3	1.24	446	<10	150	1.0	3	1.67	13.9	5	4	61	3.78
L828649		8.12	<0.005	<0.2	1.17	5	<10	240	0.6	<2	2.61	1.3	6	4	2	2.14
L828650		3.52	0.419	11.9	0.54	1820	<10	90	0.6	5	0.89	42.4	7	3	454	4.50
L828651		4.83	0.011	0.8	1.10	66	<10	400	0.6	<2	2.27	7.0	5	5	12	2.97
L828652		11.34	0.006	<0.2	0.90	9	<10	220	0.6	2	1.68	0.7	6	6	3	2.81
L828653		0.10	1.530	32.6	4.73	148	<10	30	<0.5	<2	4.49	31.9	84	56	7050	8.14
L828654		8.45	<0.005	<0.2	0.74	4	<10	240	0.5	<2	2.58	<0.5	5	5	10	2.23
L828655		8.24	0.089	0.8	0.80	319	<10	310	0.7	<2	2.32	4.0	6	5	8	2.75
L828656		3.96	2.10	26.1	0.38	8860	<10	20	<0.5	9	2.01	59.5	10	3	300	4.75
L828657		2.05	<0.005	<0.2	0.04	18	<10	10	<0.5	2	20.1	<0.5	<1	1	1	0.39
L828658		7.20	0.066	7.2	0.54	137	<10	90	<0.5	<2	3.04	32.4	12	3	54	3.17
L828659		6.84	0.176	13.1	0.61	248	<10	60	<0.5	<2	2.79	87.5	9	5	127	3.74
L828660		12.37	<0.005	0.3	1.18	6	<10	140	0.5	2	3.12	0.5	7	7	4	2.30
L828661		0.11	1.485	33.0	4.69	144	<10	30	<0.5	6	4.41	31.7	81	54	6980	8.04
L828662		10.36	0.008	0.3	1.35	52	<10	200	0.6	<2	2.29	1.5	6	6	13	2.51
L828663		11.53	<0.005	<0.2	1.17	3	<10	130	0.5	2	1.42	<0.5	5	8	7	2.78
L828664		11.62	0.015	1.7	1.06	26	<10	230	<0.5	<2	1.70	3.2	6	8	7	2.86
L828665		5.53	0.009	1.5	1.12	16	<10	310	<0.5	<2	1.66	3.2	6	9	7	2.94
L828666		11.29	<0.005	<0.2	1.19	4	<10	210	<0.5	<2	1.84	<0.5	6	8	3	2.70
L828667		2.64	0.067	6.9	1.08	182	<10	110	0.5	5	2.42	6.6	6	6	232	3.82

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198509

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828632		<10	<1	0.41	20	0.72	1125	2	0.01	<1	560	349	1.45	4	3	54
L828633		<10	<1	0.36	30	0.78	1000	<1	0.01	<1	590	65	1.97	3	4	55
L828634		<10	1	0.41	20	0.57	1590	<1	0.01	<1	520	433	1.31	5	2	36
L828635		<10	<1	0.03	<10	11.80	214	<1	0.01	<1	340	<2	0.03	<2	<1	52
L828636		<10	<1	0.34	30	0.84	834	<1	0.01	1	560	18	1.06	<2	4	61
L828637		<10	1	0.29	20	0.79	831	<1	0.01	1	590	19	0.94	2	5	73
L828638		<10	<1	0.30	20	0.50	690	2	0.03	1	540	17	1.17	2	4	78
L828639		<10	1	0.30	20	0.59	980	<1	0.01	<1	490	246	0.97	2	4	82
L828640		<10	1	0.36	20	0.43	796	<1	0.02	1	590	16	0.29	3	4	70
L828641		<10	1	0.35	20	0.50	806	<1	0.02	1	590	47	0.39	2	3	72
L828642		<10	1	0.29	30	0.55	419	<1	0.04	<1	570	3	0.34	<2	4	65
L828643		<10	<1	0.22	20	0.67	608	<1	0.05	2	570	13	0.76	<2	6	66
L828644		<10	<1	0.23	20	0.67	553	2	0.05	1	560	5	0.52	2	5	73
L828645		<10	1	0.18	20	0.61	468	<1	0.03	1	590	6	0.10	2	6	57
L828646		<10	1	0.33	10	0.28	1040	2	0.01	<1	470	1425	3.06	23	3	17
L828647		<10	<1	0.21	20	0.61	584	<1	0.03	1	580	86	0.36	3	6	73
L828648		<10	1	0.31	20	0.68	1430	<1	0.01	1	790	504	0.87	15	6	51
L828649		<10	<1	0.18	50	0.71	548	<1	0.01	1	650	12	0.40	<2	7	70
L828650		<10	<1	0.35	10	0.40	1320	<1	0.01	2	530	1745	2.52	38	4	25
L828651		<10	1	0.21	20	0.61	850	<1	0.01	<1	590	355	0.52	5	6	64
L828652		<10	<1	0.19	20	0.49	487	<1	0.03	1	580	40	0.14	3	8	57
L828653		10	1	0.23	10	1.12	600	43	0.33	324	670	8320	7.32	26	4	76
L828654		<10	<1	0.19	30	0.51	501	<1	0.04	2	590	17	0.36	2	7	72
L828655		<10	<1	0.24	20	0.55	744	<1	0.02	3	550	235	0.63	3	7	66
L828656		<10	1	0.30	10	0.46	1205	1	0.01	<1	420	6800	4.17	46	3	29
L828657		<10	1	0.02	10	12.10	188	<1	0.01	4	230	16	0.06	<2	<1	56
L828658		<10	<1	0.35	10	0.44	1335	<1	0.01	1	560	3020	2.92	4	4	62
L828659		<10	<1	0.34	10	0.67	875	<1	0.01	2	540	5570	4.14	6	4	54
L828660		<10	<1	0.22	20	0.74	690	<1	0.03	3	600	48	0.33	<2	6	76
L828661		10	1	0.22	10	1.11	597	47	0.32	316	650	8230	7.24	25	4	75
L828662		10	<1	0.17	30	0.66	452	<1	0.02	2	620	103	0.16	<2	6	75
L828663		10	1	0.15	20	0.65	385	<1	0.08	3	590	12	0.04	<2	5	59
L828664		<10	<1	0.18	20	0.65	524	<1	0.07	2	590	612	0.26	<2	5	71
L828665		<10	<1	0.18	20	0.69	519	<1	0.08	2	600	493	0.20	<2	6	76
L828666		10	<1	0.16	20	0.68	469	<1	0.07	1	580	15	0.20	<2	6	90
L828667		<10	<1	0.26	20	0.55	802	<1	0.04	2	560	1630	2.06	6	5	78

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Finalized Date: 22- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198509

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828632		<20	<0.01	<10	<10	12	<10	955	1
L828633		<20	<0.01	<10	<10	12	<10	186	1
L828634		<20	<0.01	<10	<10	10	<10	722	1
L828635		<20	<0.01	<10	<10	2	<10	15	<1
L828636		<20	<0.01	<10	10	14	<10	110	<1
L828637		<20	<0.01	<10	<10	18	<10	139	<1
L828638		<20	<0.01	<10	<10	17	<10	246	<1
L828639		<20	<0.01	<10	<10	18	<10	403	<1
L828640		<20	<0.01	<10	<10	21	<10	83	<1
L828641		<20	<0.01	<10	<10	16	<10	185	<1
L828642		20	<0.01	<10	<10	25	<10	66	<1
L828643		<20	<0.01	<10	<10	24	<10	58	<1
L828644		<20	<0.01	<10	<10	25	<10	58	<1
L828645		20	0.01	<10	<10	40	<10	97	<1
L828646		<20	<0.01	<10	<10	11	10	2600	5
L828647		<20	0.01	<10	<10	39	<10	274	<1
L828648		<20	<0.01	<10	<10	42	<10	1065	2
L828649		20	<0.01	<10	<10	32	<10	160	<1
L828650		<20	<0.01	<10	<10	15	10	3110	11
L828651		<20	<0.01	<10	<10	31	<10	555	<1
L828652		<20	0.01	<10	<10	44	<10	91	<1
L828653		<20	0.05	<10	10	315	10	7550	30
L828654		<20	<0.01	<10	<10	34	<10	59	<1
L828655		<20	<0.01	<10	<10	30	<10	374	<1
L828656		<20	<0.01	<10	<10	12	<10	4140	24
L828657		<20	<0.01	<10	<10	2	<10	23	<1
L828658		<20	<0.01	<10	<10	15	<10	3180	7
L828659		<20	<0.01	<10	<10	15	<10	8210	13
L828660		<20	<0.01	<10	<10	39	<10	75	<1
L828661		<20	0.05	10	10	309	10	7330	32
L828662		<20	<0.01	<10	<10	44	<10	148	<1
L828663		<20	0.06	<10	<10	53	<10	35	<1
L828664		<20	0.04	<10	<10	48	<10	251	2
L828665		<20	0.04	<10	<10	51	<10	244	2
L828666		<20	0.02	<10	<10	49	<10	42	<1
L828667		<20	<0.01	<10	<10	33	<10	682	6

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198580

Project: Klaza DDH- 57

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198580

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828070		7.58	<0.005	<0.2	1.36	8	<10	140	0.6	<2	2.28	<0.5	6	6	72	2.70
L828071		3.82	0.069	0.4	0.90	17	<10	490	0.6	<2	2.65	3.3	5	4	22	2.95
L828072		9.73	<0.005	<0.2	1.45	2	<10	270	0.5	<2	3.17	<0.5	6	6	4	2.26
L828073		6.90	<0.005	<0.2	0.72	10	<10	450	0.6	<2	2.00	<0.5	7	3	2	1.60
L828074		8.59	<0.005	<0.2	0.74	43	<10	680	0.8	<2	2.15	<0.5	7	3	30	2.78
L828075		3.77	0.671	3.6	0.46	2790	<10	120	0.6	<2	0.91	10.9	7	2	68	4.24
L828076		1.51	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	20.0	<0.5	2	<1	1	0.46
L828077		3.34	0.010	<0.2	0.57	209	<10	840	0.8	<2	2.37	<0.5	7	2	4	2.27
L828078		6.86	<0.005	<0.2	0.87	12	<10	630	0.6	<2	1.49	0.5	6	5	5	2.65
L828079		3.91	0.338	11.4	0.62	179	<10	40	0.6	7	1.56	32.1	7	5	354	3.80
L828080		3.67	<0.005	0.3	1.03	25	<10	530	0.8	<2	2.07	<0.5	5	5	6	2.87
L828081		5.76	<0.005	<0.2	0.74	6	<10	1610	0.8	<2	2.83	<0.5	4	3	2	2.06
L828082		3.14	<0.005	<0.2	0.65	9	<10	1200	0.8	<2	2.62	<0.5	5	3	2	2.15
L828083		11.50	<0.005	<0.2	0.72	5	<10	1130	0.9	<2	3.17	0.5	4	2	3	1.73
L828084		12.20	<0.005	<0.2	0.62	12	10	1650	1.0	<2	2.87	<0.5	3	2	8	1.66
L828085		8.82	<0.005	<0.2	0.73	13	10	2310	0.9	<2	4.36	<0.5	4	3	10	1.80
L828086		5.11	0.053	1.1	0.55	80	<10	70	0.6	3	2.78	6.2	12	3	11	2.86
L828087		9.24	0.006	0.4	0.58	30	<10	700	0.6	2	2.99	<0.5	7	3	3	2.39
L828088		4.96	2.81	45.1	0.56	2020	<10	20	0.7	23	1.97	16.8	7	3	2370	6.34
L828089		3.58	0.006	0.3	0.89	14	<10	780	0.8	<2	2.46	<0.5	6	6	13	2.51
L828090		4.19	1.065	23.6	0.46	1280	<10	10	<0.5	19	1.04	7.5	13	3	188	8.47
L828091		1.61	<0.005	<0.2	0.04	3	<10	20	<0.5	3	19.4	<0.5	<1	<1	<1	0.47
L828092		8.41	<0.005	<0.2	0.67	14	<10	770	0.6	2	2.68	<0.5	4	5	8	2.37
L828093		10.11	0.006	0.2	0.62	10	<10	440	0.7	<2	2.00	<0.5	6	6	9	2.53
L828094		7.33	<0.005	0.2	0.66	14	<10	1170	0.8	2	2.64	<0.5	5	5	4	2.42
L828095		5.35	<0.005	0.2	0.73	7	<10	370	0.7	<2	2.30	0.6	6	6	4	2.53
L828096		0.06	1.510	31.7	4.58	144	<10	40	<0.5	3	4.42	31.0	81	52	6850	7.91
L828097		3.92	0.030	3.0	0.64	122	<10	330	0.7	2	2.38	4.3	6	5	136	2.78
L828098		4.55	<0.005	<0.2	0.93	3	<10	110	<0.5	<2	1.45	<0.5	6	8	8	2.58
L828099		4.02	0.225	16.2	0.88	137	<10	130	0.6	29	2.52	3.2	7	5	109	4.11
L828100		8.12	<0.005	0.2	1.08	4	<10	290	<0.5	<2	1.68	<0.5	7	9	4	2.89
L828101		11.67	0.005	0.4	1.17	7	<10	270	<0.5	2	2.23	5.2	5	9	18	2.96
L828102		12.06	0.010	1.9	1.21	24	<10	270	<0.5	<2	1.60	31.2	7	10	58	3.09
L828103		13.76	<0.005	<0.2	1.21	10	<10	210	<0.5	<2	1.58	<0.5	6	11	9	2.89
L828104		0.05	1.645	33.3	4.77	146	<10	40	<0.5	5	4.59	32.1	86	56	7070	8.19
L828105		12.04	0.010	0.4	1.20	22	<10	160	<0.5	<2	1.61	2.4	6	9	21	2.99

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198580

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828070		<10	1	0.18	20	0.53	574	2	0.02	1	590	17	0.10	3	6	73
L828071		<10	<1	0.25	20	0.58	786	2	0.01	<1	610	81	0.65	4	7	69
L828072		<10	<1	0.19	30	0.62	509	2	0.01	1	650	9	0.07	5	7	79
L828073		<10	<1	0.23	40	0.38	637	5	0.01	<1	490	6	0.28	2	6	53
L828074		<10	<1	0.22	10	0.65	1420	1	0.01	<1	530	12	0.25	16	8	65
L828075		10	<1	0.32	20	0.30	5640	2	0.01	<1	480	143	1.78	33	4	23
L828076		<10	2	0.03	<10	11.95	218	<1	0.01	<1	180	2	0.04	3	<1	47
L828077		<10	<1	0.30	20	0.68	877	<1	0.01	<1	540	13	0.37	4	6	92
L828078		<10	<1	0.18	30	0.54	731	<1	0.01	<1	660	64	0.12	3	8	59
L828079		<10	1	0.27	10	0.56	1345	5	0.02	7	490	473	2.12	33	5	69
L828080		<10	<1	0.24	20	0.66	503	1	0.05	3	620	13	0.18	2	8	126
L828081		<10	1	0.34	20	0.66	490	2	0.05	5	870	16	0.06	2	4	247
L828082		<10	<1	0.31	20	0.66	463	2	0.04	3	880	12	0.06	<2	4	225
L828083		<10	<1	0.39	20	0.70	421	1	0.04	3	830	18	0.05	<2	3	388
L828084		<10	<1	0.36	20	0.64	435	1	0.05	3	800	20	0.11	2	3	362
L828085		<10	<1	0.36	10	0.70	547	2	0.05	4	820	19	0.10	2	3	416
L828086		<10	<1	0.37	30	0.70	1085	3	0.03	3	530	138	1.55	2	4	106
L828087		<10	<1	0.29	30	0.87	646	1	0.05	3	560	23	0.32	<2	6	133
L828088		<10	1	0.31	10	0.49	716	1	0.03	2	520	680	6.35	36	4	97
L828089		<10	<1	0.33	10	0.96	577	<1	0.03	5	1160	18	0.09	<2	4	191
L828090		<10	<1	0.36	30	0.35	1255	4	0.02	1	270	460	9.18	26	2	50
L828091		<10	<1	0.02	10	12.25	202	<1	0.02	5	180	2	0.11	<2	<1	47
L828092		<10	<1	0.21	20	0.77	438	2	0.03	3	500	15	0.09	<2	7	219
L828093		<10	<1	0.20	30	0.59	489	1	0.06	3	550	11	0.05	<2	7	155
L828094		<10	<1	0.24	30	0.77	543	2	0.04	3	520	11	0.11	<2	7	177
L828095		<10	<1	0.22	20	0.65	513	<1	0.05	3	560	105	0.08	<2	7	139
L828096		10	1	0.22	10	1.08	582	47	0.33	294	640	8050	7.09	27	4	74
L828097		<10	<1	0.29	20	0.66	941	1	0.03	3	540	274	0.72	12	6	124
L828098		<10	<1	0.14	20	0.59	429	1	0.09	3	560	9	0.02	<2	6	85
L828099		<10	<1	0.29	20	0.61	1365	1	0.04	2	510	326	1.75	9	5	105
L828100		10	<1	0.16	20	0.71	420	1	0.10	3	590	10	0.06	<2	7	84
L828101		<10	<1	0.25	20	0.75	775	10	0.07	3	590	203	0.24	<2	6	84
L828102		<10	<1	0.22	20	0.65	651	2	0.08	3	590	487	0.48	<2	5	71
L828103		10	<1	0.18	20	0.75	509	2	0.10	2	630	15	0.07	<2	6	73
L828104		10	1	0.23	10	1.13	605	48	0.35	313	660	8340	7.36	24	4	77
L828105		<10	<1	0.21	10	0.66	800	1	0.08	3	580	62	0.25	<2	5	67

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 57

CERTIFICATE OF ANALYSIS WH11198580

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828070		<20	0.01	<10	<10	42	<10	49	<1
L828071		<20	<0.01	<10	<10	35	<10	263	<1
L828072		20	<0.01	<10	<10	43	<10	38	<1
L828073		<20	<0.01	<10	<10	21	<10	43	<1
L828074		<20	<0.01	<10	<10	31	<10	62	<1
L828075		<20	<0.01	<10	10	8	<10	865	3
L828076		<20	<0.01	<10	<10	2	<10	19	<1
L828077		<20	<0.01	<10	<10	15	<10	30	<1
L828078		<20	<0.01	<10	<10	37	<10	81	<1
L828079		<20	<0.01	<10	<10	20	<10	2950	10
L828080		<20	<0.01	<10	<10	35	<10	41	<1
L828081		<20	<0.01	<10	<10	17	<10	73	<1
L828082		<20	<0.01	<10	<10	18	<10	67	<1
L828083		<20	<0.01	<10	<10	14	<10	70	<1
L828084		<20	<0.01	<10	<10	12	<10	63	<1
L828085		<20	<0.01	<10	<10	15	<10	64	<1
L828086		<20	<0.01	<10	<10	12	<10	486	1
L828087		<20	<0.01	<10	<10	17	<10	53	<1
L828088		<20	<0.01	<10	<10	13	<10	1245	44
L828089		<20	<0.01	<10	<10	31	<10	65	<1
L828090		<20	<0.01	<10	<10	9	<10	598	22
L828091		<20	<0.01	<10	<10	1	<10	14	<1
L828092		<20	<0.01	<10	<10	36	<10	37	<1
L828093		<20	<0.01	<10	<10	37	<10	32	<1
L828094		<20	<0.01	<10	<10	29	<10	36	<1
L828095		<20	<0.01	<10	<10	34	<10	66	<1
L828096		<20	0.05	<10	10	297	10	7260	30
L828097		<20	<0.01	<10	<10	26	<10	451	3
L828098		<20	0.03	<10	<10	46	<10	31	2
L828099		<20	<0.01	<10	<10	29	<10	390	14
L828100		<20	0.03	<10	<10	51	<10	32	2
L828101		<20	0.03	<10	<10	44	<10	587	1
L828102		<20	0.04	<10	<10	46	<10	3260	4
L828103		<20	0.07	<10	<10	57	<10	56	<1
L828104		<20	0.05	<10	<10	312	10	7600	30
L828105		<20	0.05	<10	<10	49	<10	267	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198581

Project: Klaza DDH- 53

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198581

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828596		7.62	<0.005	<0.2	1.20	4	<10	160	<0.5	<2	0.93	0.6	6	9	8	2.56
L828597		12.73	<0.005	<0.2	1.08	10	<10	180	<0.5	<2	1.28	1.1	5	11	8	2.58
L828598		11.61	0.005	<0.2	1.06	19	<10	210	<0.5	<2	1.33	0.6	6	10	6	2.55
L828599		14.36	<0.005	<0.2	0.98	6	<10	350	<0.5	<2	1.64	<0.5	6	9	5	2.54
L828600		0.10	1.320	31.0	4.64	139	<10	70	<0.5	<2	4.35	31.2	80	54	6860	7.97
L828601		6.68	0.097	2.1	0.60	66	<10	330	0.7	<2	1.72	16.4	7	5	24	3.01
L828602		8.10	0.030	<0.2	1.00	10	<10	340	0.5	<2	1.79	1.1	6	8	6	2.77
L828603		3.91	0.479	4.0	0.62	348	<10	120	0.9	3	2.52	18.2	6	5	36	3.43
L828604		5.70	<0.005	<0.2	1.20	5	<10	340	<0.5	<2	1.85	0.6	6	9	7	2.73
L828605		11.38	0.009	<0.2	1.06	16	<10	250	<0.5	<2	1.35	0.6	9	8	7	2.52
L828606		5.75	<0.005	<0.2	1.03	5	<10	210	<0.5	<2	1.67	<0.5	7	10	4	2.60
L828607		4.40	0.342	4.6	0.62	136	<10	150	0.6	5	1.73	53.7	6	4	125	3.65
L828608		2.22	0.378	5.2	0.64	126	<10	210	0.6	6	1.80	74.0	7	4	143	3.70
L828609		11.63	0.010	0.2	1.17	5	<10	300	0.5	2	1.80	3.2	7	9	6	2.96
L828610		8.91	0.005	1.0	1.09	2	<10	240	<0.5	2	1.27	3.3	6	10	8	2.94
L828611		4.78	<0.005	<0.2	1.00	6	<10	350	0.5	2	1.66	<0.5	6	8	5	2.61
L828612		4.31	0.227	1.9	0.70	154	<10	290	0.7	<2	2.15	35.2	5	5	36	3.53
L828613		4.04	3.26	4.1	0.60	1210	<10	30	0.5	3	1.23	8.7	6	4	24	4.92
L828614		4.27	0.006	<0.2	0.64	11	<10	910	0.7	<2	1.70	1.5	3	4	5	3.43
L828615		0.09	1.415	32.9	4.76	145	<10	50	<0.5	5	4.57	33.0	86	57	7390	8.24
L828616		4.02	0.051	0.6	0.84	24	<10	430	0.7	<2	2.21	15.0	4	4	40	3.17
L828617		3.45	<0.005	<0.2	1.08	4	<10	640	0.7	2	2.08	0.5	3	5	6	2.35
L828618		4.70	<0.005	<0.2	0.93	9	<10	550	0.6	<2	3.05	1.2	11	4	17	2.34
L828619		2.42	<0.005	<0.2	0.09	<2	<10	20	<0.5	<2	20.8	<0.5	1	3	2	0.47
L828620		11.39	<0.005	<0.2	1.05	6	<10	540	0.6	2	2.16	0.7	8	4	12	2.29
L828621		5.59	0.048	1.2	0.58	216	<10	280	<0.5	2	1.69	12.3	5	4	30	2.59
L828622		7.56	0.967	3.2	0.68	1620	<10	60	<0.5	3	2.21	52.1	5	4	149	2.86
L828623		8.21	1.135	6.8	0.59	708	<10	80	0.5	6	0.74	57.8	7	3	98	5.61
L828624		2.07	<0.005	<0.2	0.09	2	<10	30	<0.5	2	19.4	<0.5	<1	<1	<1	0.44
L828625		7.48	0.352	3.1	0.59	893	<10	80	0.6	4	1.55	18.2	7	4	44	3.83
L828626		4.14	3.40	8.9	0.60	4270	<10	30	0.5	7	1.64	163.5	10	3	194	4.16
L828627		5.82	0.009	0.4	0.95	29	<10	260	0.6	2	2.59	3.0	6	4	5	2.67
L828628		4.82	0.050	0.3	0.81	204	<10	250	0.6	2	2.50	2.2	5	5	7	2.43
L828629		5.21	0.391	19.0	0.93	153	<10	30	0.5	22	1.96	41.7	20	5	338	4.79
L828630		9.46	0.026	0.3	0.84	26	<10	250	0.6	2	2.65	3.2	5	4	4	2.49
L828631		13.16	1.060	1.8	0.76	1850	<10	130	0.5	5	2.46	18.9	6	4	28	2.80

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VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198581

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828596		10	<1	0.14	10	0.61	361	1	0.11	3	580	10	0.04	<2	3	38
L828597		<10	<1	0.16	20	0.58	440	1	0.09	3	590	11	0.04	<2	5	42
L828598		<10	<1	0.19	20	0.56	461	1	0.10	2	550	9	0.06	<2	5	56
L828599		<10	<1	0.21	20	0.56	479	1	0.08	3	610	14	0.10	<2	6	63
L828600		10	2	0.23	10	1.08	589	47	0.33	308	640	8030	6.95	30	4	78
L828601		<10	<1	0.33	20	0.45	2860	1	0.02	3	550	823	0.81	6	5	50
L828602		<10	1	0.21	20	0.61	680	1	0.07	2	570	26	0.14	<2	7	76
L828603		<10	<1	0.30	20	0.77	2300	1	0.01	3	520	1530	1.34	11	6	85
L828604		<10	<1	0.24	20	0.60	594	1	0.11	3	580	14	0.05	<2	6	79
L828605		<10	<1	0.18	20	0.60	438	1	0.08	3	570	14	0.18	2	4	52
L828606		<10	1	0.21	20	0.61	489	1	0.09	3	570	6	0.11	<2	6	60
L828607		<10	<1	0.40	20	0.47	2370	<1	0.02	<1	520	725	1.54	10	5	54
L828608		<10	1	0.40	20	0.48	2480	<1	0.02	<1	550	818	1.50	7	5	53
L828609		10	<1	0.37	20	0.55	808	1	0.07	<1	610	122	0.24	<2	5	66
L828610		10	<1	0.23	20	0.63	579	1	0.11	<1	580	284	0.15	<2	5	57
L828611		<10	<1	0.27	20	0.58	557	1	0.08	<1	580	10	0.13	<2	6	76
L828612		<10	1	0.35	20	0.63	1095	1	0.02	<1	530	385	1.21	4	6	83
L828613		<10	1	0.43	10	0.46	2550	1	0.01	<1	480	840	3.04	14	3	38
L828614		<10	<1	0.39	40	0.61	1305	<1	0.01	<1	630	54	0.22	<2	4	62
L828615		10	2	0.25	10	1.13	624	52	0.33	327	690	8650	7.45	26	4	69
L828616		<10	<1	0.45	30	0.70	1245	<1	0.02	<1	600	172	0.53	3	4	75
L828617		<10	<1	0.31	30	0.50	450	<1	0.02	<1	590	23	0.12	<2	4	82
L828618		<10	1	0.37	30	0.82	888	<1	0.02	<1	550	38	0.34	5	3	110
L828619		<10	<1	0.05	<10	12.45	223	<1	0.01	1	210	2	0.07	<2	<1	42
L828620		<10	1	0.40	20	0.55	652	1	0.03	<1	610	34	0.20	3	4	77
L828621		<10	<1	0.41	30	0.57	1160	1	0.02	<1	520	427	0.97	4	3	62
L828622		<10	1	0.42	10	0.46	1595	1	0.02	<1	400	310	1.82	32	2	56
L828623		10	1	0.43	10	0.38	4890	9	0.01	<1	420	1565	2.78	25	3	23
L828624		<10	1	0.06	<10	11.60	212	<1	0.01	<1	160	6	0.04	<2	<1	40
L828625		<10	1	0.35	10	0.60	1970	9	0.02	<1	450	1190	1.38	19	5	43
L828626		<10	2	0.37	10	0.42	1675	2	0.01	<1	480	799	3.58	23	3	36
L828627		<10	<1	0.51	20	0.69	1065	1	0.02	1	590	70	1.35	2	4	66
L828628		<10	1	0.35	20	0.50	868	1	0.02	<1	560	85	0.85	3	6	80
L828629		<10	1	0.64	10	0.61	1985	1	0.02	<1	560	1395	3.02	41	3	44
L828630		<10	1	0.42	20	0.62	962	<1	0.02	<1	600	97	1.06	2	4	68
L828631		<10	<1	0.47	20	0.73	1175	2	0.02	<1	560	270	1.76	8	3	57

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CERTIFICATE OF ANALYSIS WH11198581

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
L828596		<20	0.12	<10	<10	53	<10	65	<1	
L828597		<20	0.08	<10	<10	50	<10	113	<1	
L828598		<20	0.05	<10	<10	46	<10	79	<1	
L828599		<20	0.02	<10	<10	41	<10	66	<1	
L828600		<20	0.05	<10	10	305	<10	7390	32	
L828601		<20	<0.01	<10	<10	20	<10	1220	2	
L828602		<20	0.02	<10	<10	42	<10	129	<1	
L828603		<20	<0.01	<10	<10	25	<10	1430	4	
L828604		<20	0.02	<10	<10	44	<10	97	1	
L828605		<20	0.06	<10	<10	45	<10	89	<1	
L828606		<20	0.03	<10	<10	43	<10	46	<1	
L828607		<20	<0.01	<10	<10	18	20	3570	5	
L828608		<20	<0.01	<10	<10	19	20	4770	5	
L828609		<20	0.01	<10	<10	37	<10	278	<1	
L828610		<20	0.07	<10	<10	49	<10	262	1	
L828611		<20	0.03	<10	<10	44	<10	54	<1	
L828612		<20	<0.01	<10	<10	26	20	2650	2	
L828613		<20	<0.01	<10	<10	10	<10	606	4	
L828614		<20	<0.01	<10	<10	23	<10	168	<1	
L828615		<20	0.06	<10	<10	316	50	7810	29	
L828616		<20	<0.01	<10	<10	23	10	995	1	
L828617		<20	<0.01	<10	<10	29	<10	86	1	
L828618		<20	<0.01	<10	<10	22	<10	132	1	
L828619		<20	<0.01	<10	<10	3	<10	17	1	
L828620		<20	<0.01	<10	<10	25	<10	97	<1	
L828621		<20	<0.01	<10	<10	13	<10	987	2	
L828622		<20	<0.01	<10	<10	9	30	4390	4	
L828623		<20	<0.01	<10	<10	14	20	3840	10	
L828624		<20	<0.01	<10	<10	2	<10	36	1	
L828625		<20	<0.01	<10	10	19	10	1305	3	
L828626		<20	<0.01	<10	<10	10	60	>10000	9	0.994
L828627		<20	<0.01	<10	<10	16	<10	265	1	
L828628		<20	<0.01	<10	<10	24	<10	273	1	
L828629		<20	<0.01	<10	<10	14	10	2760	18	
L828630		<20	<0.01	<10	<10	17	<10	368	1	
L828631		<20	<0.01	<10	<10	12	10	1285	3	

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Finalized Date: 24- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198582

Project: Klaza DDH- 62

P.O. No.: Batch 6

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH11198582

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K973792		12.13	0.006	<0.2	1.24	4	<10	360	<0.5	<2	1.62	<0.5	7	11	11	2.77
K973793		10.04	0.030	0.9	1.28	171	<10	110	0.6	<2	1.87	7.1	8	7	40	4.06
K973794		6.96	7.17	14.8	0.62	974	<10	10	<0.5	20	1.49	289	17	4	408	8.17
K973795		4.14	0.035	1.1	0.68	72	<10	200	0.5	<2	1.54	26.4	7	6	43	3.83
K973796		9.90	0.014	0.3	1.09	9	<10	160	<0.5	<2	1.21	0.7	6	8	49	2.61
K973797		12.07	<0.005	<0.2	1.06	12	<10	190	<0.5	<2	1.29	<0.5	6	8	9	2.53
K973798		12.57	<0.005	<0.2	1.11	7	<10	250	<0.5	<2	1.52	0.5	6	8	7	2.52
K973799		0.11	1.435	30.8	4.60	141	<10	60	<0.5	<2	4.29	30.8	81	51	6780	8.02
K973800		12.50	0.005	<0.2	0.99	5	<10	180	<0.5	<2	1.14	<0.5	5	7	19	2.58
K973801		12.61	0.012	<0.2	0.92	12	<10	260	<0.5	<2	1.64	<0.5	7	8	8	2.61
K973802		3.76	0.131	4.2	0.54	409	<10	10	0.5	7	1.32	3.6	8	3	42	8.76
K973803		9.01	0.007	0.2	1.02	5	<10	280	<0.5	<2	1.51	2.9	6	8	21	2.83
K973804		5.18	<0.005	<0.2	1.01	6	<10	370	<0.5	<2	1.60	<0.5	6	8	4	2.87
K973805		0.12	1.690	31.6	4.69	141	<10	50	<0.5	3	4.31	31.1	82	51	6840	8.12
K973806		4.60	0.103	4.0	0.53	142	<10	120	<0.5	5	1.41	15.2	9	4	78	5.43
K973807		4.56	0.046	0.8	0.45	114	<10	320	0.6	<2	1.61	6.4	5	3	14	5.02
K973808		4.30	0.557	16.7	0.46	1405	<10	20	<0.5	26	1.52	3.9	17	3	242	6.52
K973809		3.02	<0.005	<0.2	0.04	2	<10	20	<0.5	<2	18.4	<0.5	<1	<1	1	0.46
K973810		4.07	0.069	0.8	0.61	125	<10	460	0.7	<2	2.80	2.0	5	2	14	3.03
K973811		5.18	0.018	<0.2	0.71	24	<10	590	0.5	<2	2.18	<0.5	5	5	3	2.56
K973812		10.14	0.007	<0.2	1.04	9	<10	440	<0.5	<2	1.50	<0.5	6	10	7	2.77
K973813		11.75	<0.005	<0.2	1.02	5	<10	250	<0.5	<2	1.18	<0.5	5	9	10	2.62
K973814		12.76	<0.005	<0.2	1.15	6	<10	290	<0.5	<2	1.42	<0.5	5	8	6	2.85
K973815		13.65	<0.005	<0.2	1.08	9	<10	410	<0.5	<2	1.82	<0.5	5	7	3	2.81
K973816		5.55	0.012	<0.2	0.94	24	<10	360	0.5	<2	2.95	<0.5	9	3	3	3.00
K973817		2.97	<0.005	<0.2	0.03	2	<10	10	<0.5	<2	18.7	<0.5	1	<1	<1	0.45
K973818		7.23	0.008	<0.2	0.80	26	<10	520	<0.5	<2	2.17	<0.5	5	5	6	2.58

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Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 62

CERTIFICATE OF ANALYSIS WH11198582

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
K973792		10	<1	0.18	20	0.68	463	3	0.08	4	570	11	0.13	<2	6	74
K973793		<10	<1	0.19	20	0.60	657	3	0.03	3	590	111	1.38	3	6	107
K973794		<10	1	0.26	10	0.34	1515	2	0.01	3	440	255	9.20	12	4	61
K973795		<10	<1	0.29	20	0.56	2520	<1	0.04	2	520	162	1.03	2	5	64
K973796		<10	<1	0.18	20	0.59	409	<1	0.09	1	550	17	0.12	<2	4	57
K973797		<10	<1	0.15	20	0.58	396	<1	0.08	1	560	13	0.12	<2	4	57
K973798		<10	<1	0.18	20	0.61	477	<1	0.08	2	540	23	0.08	<2	4	59
K973799		10	1	0.23	10	1.10	592	46	0.31	299	640	7860	6.97	27	4	76
K973800		<10	<1	0.14	20	0.56	356	<1	0.08	2	540	17	0.11	<2	4	53
K973801		<10	<1	0.20	20	0.55	511	<1	0.07	2	530	12	0.16	<2	6	71
K973802		<10	<1	0.29	10	0.52	2170	<1	0.02	<1	460	506	7.25	3	4	64
K973803		<10	1	0.22	20	0.61	689	<1	0.07	1	550	52	0.24	<2	5	78
K973804		<10	<1	0.22	20	0.71	637	<1	0.07	2	560	11	0.19	<2	6	95
K973805		10	1	0.23	10	1.12	597	46	0.31	302	650	7980	7.11	27	4	77
K973806		<10	1	0.38	10	0.74	1700	<1	0.01	3	490	187	2.58	2	4	71
K973807		<10	<1	0.35	10	0.81	2720	<1	0.01	1	510	60	1.06	<2	4	92
K973808		<10	<1	0.36	10	0.43	1660	1	0.01	1	410	443	6.54	44	2	47
K973809		<10	<1	0.02	10	11.95	207	<1	0.01	4	170	3	0.03	<2	<1	49
K973810		<10	<1	0.36	20	0.83	1665	<1	0.02	2	500	42	0.77	3	5	144
K973811		<10	<1	0.23	20	0.64	655	<1	0.06	1	540	11	0.23	<2	6	130
K973812		<10	<1	0.18	20	0.68	409	<1	0.10	2	550	8	0.12	<2	6	75
K973813		<10	1	0.14	20	0.69	326	<1	0.09	3	560	11	0.10	<2	5	61
K973814		10	<1	0.16	20	0.73	374	<1	0.09	1	600	11	0.06	<2	6	77
K973815		<10	<1	0.16	20	0.69	392	<1	0.09	2	570	8	0.13	<2	6	83
K973816		<10	<1	0.25	30	0.61	713	<1	0.05	1	570	12	0.82	<2	5	122
K973817		<10	<1	0.01	10	12.15	205	<1	0.02	3	160	<2	0.03	<2	<1	48
K973818		<10	<1	0.25	20	0.69	630	<1	0.06	2	550	8	0.34	<2	5	123

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Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 62

CERTIFICATE OF ANALYSIS WH11198582

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
K973792		<20	0.06	<10	<10	52	<10	40	<1	
K973793		<20	0.01	<10	<10	40	<10	774	1	
K973794		<20	<0.01	<10	<10	15	<10	>10000	14	1.955
K973795		<20	<0.01	<10	<10	23	10	1985	2	
K973796		<20	0.10	<10	<10	51	<10	74	<1	
K973797		<20	0.09	<10	<10	49	<10	38	<1	
K973798		<20	0.08	<10	<10	47	<10	67	1	
K973799		<20	0.05	<10	10	302	<10	7470	30	
K973800		<20	0.09	<10	<10	51	<10	45	<1	
K973801		<20	0.04	<10	<10	44	<10	52	<1	
K973802		<20	<0.01	<10	<10	21	<10	371	4	
K973803		<20	0.05	<10	<10	46	<10	368	<1	
K973804		<20	0.04	<10	<10	46	<10	50	2	
K973805		<20	0.05	<10	10	300	<10	7440	32	
K973806		<20	<0.01	<10	<10	19	<10	1210	5	
K973807		<20	<0.01	<10	<10	18	<10	566	1	
K973808		<20	<0.01	<10	<10	8	<10	344	18	
K973809		<20	<0.01	<10	<10	2	<10	18	1	
K973810		<20	<0.01	<10	<10	18	<10	203	1	
K973811		<20	0.01	<10	<10	34	<10	44	<1	
K973812		<20	0.07	<10	<10	51	<10	41	<1	
K973813		<20	0.11	<10	<10	53	<10	41	<1	
K973814		<20	0.07	<10	<10	53	<10	42	<1	
K973815		<20	0.06	<10	<10	48	<10	42	1	
K973816		<20	<0.01	<10	<10	29	<10	58	<1	
K973817		<20	<0.01	<10	<10	2	<10	14	<1	
K973818		<20	<0.01	<10	<10	31	<10	43	1	

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198583

Project: Klaza DDH- 55

P.O. No.: Batch 7

This report is for 23 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198583

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829475		5.11	0.201	2.1	0.90	59	<10	10	0.9	6	2.93	2.2	25	2	12	9.88
L829476		9.68	0.023	0.5	0.88	21	<10	20	0.9	4	2.70	0.8	8	4	29	4.77
L829477		1.70	0.010	<0.2	0.69	11	<10	70	1.1	<2	3.38	<0.5	5	6	12	3.00
L829478		4.31	0.173	25.4	0.57	170	<10	40	0.7	13	2.51	20.3	9	4	240	4.56
L829479		9.23	0.006	<0.2	1.08	8	<10	90	0.5	<2	1.76	<0.5	7	7	9	2.93
L829480		6.37	0.010	0.5	0.65	13	<10	30	0.7	4	4.11	<0.5	12	4	6	3.49
L829481		14.61	0.006	<0.2	1.44	4	<10	140	0.5	2	1.89	<0.5	5	8	9	2.91
L829482		5.53	0.012	<0.2	1.28	6	<10	60	0.8	2	2.42	<0.5	6	6	7	3.14
L829483		0.10	1.440	33.1	4.88	147	<10	30	<0.5	<2	4.56	32.1	86	57	7280	8.28
L829484		6.71	0.010	0.3	0.62	11	<10	70	0.5	3	2.85	0.6	7	4	13	3.28
L829485		4.74	0.009	0.2	1.12	4	<10	60	0.8	2	2.41	<0.5	6	4	7	3.39
L829486		6.20	0.013	0.4	0.68	15	<10	50	0.6	2	2.19	0.5	6	3	9	2.55
L829487		3.91	3.37	>100	0.43	900	<10	20	<0.5	234	2.00	117.5	6	4	1375	9.20
L829488		1.94	<0.005	0.2	0.06	2	<10	20	<0.5	3	20.0	<0.5	1	1	4	0.48
L829489		7.66	0.009	0.7	0.62	8	<10	30	0.6	<2	1.91	0.9	9	4	8	4.21
L829490		3.98	<0.005	0.3	0.58	5	<10	70	0.5	<2	1.49	<0.5	7	3	3	2.97
L829491		1.70	<0.005	<0.2	0.04	<2	<10	20	<0.5	2	19.2	<0.5	1	1	2	0.46
L829492		4.03	0.008	0.2	0.89	4	<10	40	0.7	3	2.53	<0.5	10	4	5	3.64
L829493		10.59	0.010	1.8	1.24	7	<10	80	<0.5	<2	1.64	0.8	6	9	7	2.96
L829494		13.45	0.009	<0.2	1.23	5	<10	220	<0.5	<2	1.08	<0.5	6	10	8	2.72
L829495		2.80	0.017	<0.2	0.94	7	<10	30	<0.5	2	1.23	<0.5	8	9	7	3.09
L829496		6.94	0.021	2.7	0.67	30	<10	30	0.5	5	2.04	1.0	8	6	48	3.52
L829497		3.94	0.012	0.2	1.18	9	<10	250	<0.5	<2	1.68	0.5	10	9	4	3.00

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198583

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829475		<10	<1	0.37	20	0.89	1995	<1	0.02	3	600	141	8.07	2	6	121
L829476		<10	<1	0.29	20	0.60	699	<1	0.02	2	670	44	3.52	6	7	135
L829477		<10	<1	0.28	10	0.84	741	<1	0.01	3	690	13	2.15	3	8	158
L829478		<10	<1	0.31	20	0.65	3950	1	0.01	2	460	869	2.90	57	4	100
L829479		<10	<1	0.21	20	0.63	481	<1	0.07	2	580	12	1.03	<2	6	128
L829480		<10	<1	0.27	40	1.14	811	<1	0.02	3	480	29	2.49	<2	4	162
L829481		10	<1	0.17	20	0.81	566	<1	0.05	3	610	11	0.89	<2	5	164
L829482		<10	<1	0.21	20	0.58	513	<1	0.06	2	540	11	1.85	<2	5	134
L829483		10	1	0.23	10	1.15	617	47	0.33	328	680	8420	7.52	24	4	79
L829484		<10	<1	0.30	10	0.63	730	<1	0.02	2	580	33	2.66	<2	4	85
L829485		<10	<1	0.23	20	0.55	525	<1	0.02	2	540	14	1.82	<2	4	116
L829486		<10	<1	0.27	20	0.62	1045	<1	0.01	2	570	25	1.42	2	5	96
L829487		<10	2	0.32	10	0.55	3890	42	0.01	1	330	1230	>10.0	187	2	46
L829488		<10	<1	0.03	10	12.05	219	<1	0.01	3	180	4	0.07	<2	<1	47
L829489		<10	<1	0.31	20	0.56	838	<1	0.01	1	600	38	4.10	<2	4	90
L829490		<10	<1	0.29	20	0.39	545	<1	0.01	2	590	14	2.67	<2	3	77
L829491		<10	1	0.02	10	12.05	205	<1	0.01	3	190	<2	0.06	<2	<1	49
L829492		<10	<1	0.21	20	0.70	639	<1	0.02	2	570	18	3.30	<2	5	105
L829493		10	<1	0.19	20	0.79	688	<1	0.08	3	630	118	1.17	<2	5	276
L829494		10	<1	0.15	20	0.77	464	<1	0.08	2	560	12	0.86	<2	5	72
L829495		<10	<1	0.18	20	0.61	441	<1	0.08	3	550	13	2.35	<2	5	127
L829496		<10	<1	0.26	10	0.55	1635	<1	0.04	4	510	104	2.34	<2	4	116
L829497		<10	<1	0.20	20	0.67	776	<1	0.06	<1	560	27	1.05	<2	5	100

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11198583

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L829475		<20	<0.01	<10	<10	31	<10	239	2
L829476		<20	<0.01	<10	<10	18	<10	101	<1
L829477		<20	<0.01	<10	<10	31	<10	66	<1
L829478		<20	<0.01	<10	<10	13	<10	1860	24
L829479		<20	0.01	<10	<10	34	<10	41	<1
L829480		<20	<0.01	<10	<10	14	<10	75	<1
L829481		<20	0.01	<10	<10	39	<10	57	1
L829482		<20	<0.01	<10	<10	31	<10	50	1
L829483		<20	0.05	<10	10	323	10	7620	31
L829484		<20	<0.01	<10	<10	12	<10	81	1
L829485		<20	<0.01	<10	<10	21	<10	45	1
L829486		<20	<0.01	<10	<10	15	<10	81	1
L829487		<20	<0.01	<10	50	7	10	8050	141
L829488		<20	<0.01	<10	<10	2	<10	27	1
L829489		<20	<0.01	<10	<10	13	<10	120	1
L829490		<20	<0.01	<10	<10	9	<10	49	<1
L829491		<20	<0.01	<10	<10	2	<10	14	1
L829492		<20	<0.01	<10	<10	20	<10	46	<1
L829493		<20	0.03	<10	<10	41	<10	144	<1
L829494		<20	0.09	<10	<10	48	<10	40	<1
L829495		<20	0.01	<10	<10	31	<10	37	<1
L829496		<20	<0.01	<10	10	18	<10	180	1
L829497		<20	0.01	<10	10	34	<10	80	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 21- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198584

Project: Klaza DDH- 53

P.O. No.: Batch 4

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198584

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L828704		4.33	0.062	0.9	0.58	56	<10	160	0.5	<2	1.29	5.6	6	5	12	2.60
L828705		6.46	0.030	0.6	0.72	109	<10	270	0.8	<2	1.81	0.8	6	5	14	2.98
L828706		5.80	0.007	<0.2	1.05	9	<10	370	0.6	<2	1.86	<0.5	12	7	13	3.06
L828707		8.27	0.008	<0.2	1.06	6	<10	420	0.6	<2	1.79	<0.5	9	5	9	2.77
L828708		6.94	0.008	<0.2	0.73	25	<10	400	0.7	<2	2.69	<0.5	8	4	5	2.74
L828709		3.14	0.006	0.2	0.66	17	<10	470	0.7	<2	2.53	<0.5	6	4	4	2.52
L828710		2.93	0.198	2.3	0.52	273	<10	30	0.5	<2	1.52	14.7	7	3	16	4.34
L828711		3.92	0.005	0.2	1.14	10	<10	410	<0.5	<2	1.52	1.0	6	9	17	2.80
L828712		12.62	<0.005	<0.2	1.17	7	<10	630	<0.5	<2	1.51	<0.5	6	9	8	2.81
L828713		12.78	<0.005	<0.2	1.14	7	<10	610	0.5	<2	2.18	<0.5	7	8	6	2.74
L828714		9.51	0.005	<0.2	1.42	6	<10	550	0.5	2	1.45	<0.5	6	8	7	2.98

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VANCOUVER BC V6B 1L8

Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198584

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L828704		<10	<1	0.29	10	0.39	1160	13	0.03	6	400	128	1.43	7	4	63
L828705		<10	<1	0.34	20	0.61	735	2	0.03	3	550	61	1.11	3	7	99
L828706		<10	<1	0.27	20	0.55	595	<1	0.08	3	570	30	0.84	3	6	105
L828707		<10	<1	0.23	20	0.46	450	<1	0.06	3	560	23	0.74	<2	6	97
L828708		<10	<1	0.33	20	0.79	898	<1	0.04	2	540	27	0.87	<2	5	111
L828709		<10	<1	0.31	20	0.76	821	<1	0.04	2	520	18	0.71	2	5	108
L828710		<10	<1	0.35	10	0.43	2940	4	0.03	3	490	730	2.83	7	3	66
L828711		<10	<1	0.20	20	0.63	548	1	0.10	3	570	69	0.18	<2	6	71
L828712		<10	<1	0.19	20	0.71	567	<1	0.10	2	570	11	0.23	<2	6	88
L828713		<10	<1	0.25	20	0.68	660	<1	0.08	2	590	17	0.56	2	6	122
L828714		10	<1	0.19	20	0.77	559	<1	0.09	3	600	15	0.50	<2	6	103

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 53

CERTIFICATE OF ANALYSIS WH11198584

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L828704		<20	<0.01	<10	<10	13	<10	516	1
L828705		<20	<0.01	<10	<10	28	<10	87	1
L828706		<20	0.01	<10	<10	36	<10	59	<1
L828707		20	<0.01	<10	<10	32	<10	61	<1
L828708		<20	<0.01	<10	<10	26	<10	65	<1
L828709		<20	<0.01	<10	<10	26	<10	59	1
L828710		<20	<0.01	<10	<10	8	<10	1120	3
L828711		<20	0.06	<10	<10	50	<10	128	<1
L828712		<20	0.04	<10	<10	50	<10	46	1
L828713		<20	0.01	<10	<10	41	<10	64	1
L828714		<20	0.01	<10	<10	46	<10	51	1

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11198585

Project: Klaza DDH- 59

P.O. No.: Batch 5

This report is for 21 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198585

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L829238		6.78	0.013	0.6	0.80	33	<10	680	0.5	<2	1.94	<0.5	6	6	59	2.67
L829239		0.11	1.375	33.6	5.04	148	<10	40	<0.5	<2	4.66	33.1	87	59	7250	8.36
L829240		5.13	1.065	16.2	0.50	1530	<10	20	0.5	8	1.10	38.6	6	7	111	5.63
L829241		11.62	0.008	0.4	0.66	27	<10	1300	0.7	<2	3.62	<0.5	6	3	6	2.21
L829242		10.33	<0.005	<0.2	0.65	7	<10	1230	0.7	<2	3.16	<0.5	5	4	2	2.15
L829243		4.51	0.292	3.0	0.51	184	<10	30	<0.5	3	1.30	10.9	7	5	63	4.12
L829244		12.13	0.009	0.7	0.77	26	<10	380	0.6	<2	2.07	0.7	6	7	36	2.83
L829245		13.77	<0.005	0.3	0.83	12	<10	320	0.5	<2	1.81	<0.5	7	7	10	2.63
L829246		10.27	0.477	39.5	0.53	363	<10	20	0.5	73	1.97	40.5	7	5	551	5.35
L829247		4.55	2.67	13.1	0.55	201	<10	50	0.5	21	1.38	15.9	7	5	275	4.67
L829248		3.34	<0.005	0.3	0.04	<2	<10	20	<0.5	<2	19.2	<0.5	1	2	3	0.45
L829249		2.82	0.038	1.9	0.67	68	<10	280	0.6	2	1.79	4.3	9	5	58	3.33
L829250		9.42	0.005	0.3	1.13	12	<10	290	0.5	<2	1.66	<0.5	6	7	7	2.61
L829251		4.80	0.238	7.3	0.57	533	<10	20	0.5	4	1.53	6.6	8	5	424	4.63
L829252		4.22	0.017	3.4	0.59	99	<10	200	0.6	2	2.03	37.5	9	5	106	3.26
L829253		5.72	0.026	4.4	0.73	67	<10	200	<0.5	2	2.05	1.0	12	5	555	2.53
L829254		4.38	0.604	9.1	0.75	2680	<10	70	<0.5	11	1.87	32.6	12	6	74	3.57
L829255		11.65	<0.005	<0.2	1.19	14	<10	200	<0.5	<2	1.77	<0.5	6	9	6	2.74
L829256		13.91	<0.005	<0.2	1.06	12	<10	160	<0.5	<2	1.38	<0.5	8	10	11	2.54
L829257		0.13	1.525	30.9	4.80	147	<10	40	<0.5	9	4.42	30.9	85	54	6990	8.07
L829258		12.61	<0.005	<0.2	1.15	8	<10	180	<0.5	<2	1.34	<0.5	6	9	19	2.65

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198585

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L829238		<10	<1	0.23	30	0.62	623	5	0.06	1	570	16	0.16	3	6	117
L829239		10	1	0.23	<10	1.15	646	44	0.34	333	670	8660	7.07	24	4	81
L829240		<10	<1	0.27	10	0.33	1120	9	0.02	1	450	2410	4.46	16	3	67
L829241		<10	<1	0.29	10	0.97	578	1	0.02	3	630	22	0.11	3	4	464
L829242		<10	<1	0.30	10	0.87	596	<1	0.02	2	650	15	0.06	<2	4	497
L829243		<10	<1	0.36	10	0.45	1505	33	0.02	2	460	390	2.91	8	3	93
L829244		<10	<1	0.22	20	0.62	778	2	0.04	2	560	66	0.44	6	6	110
L829245		<10	<1	0.17	20	0.57	550	1	0.06	1	580	16	0.12	2	8	118
L829246		<10	<1	0.29	10	0.66	1605	1	0.02	1	430	367	4.03	25	5	86
L829247		<10	<1	0.30	10	0.50	1355	3	0.02	<1	510	618	2.81	17	5	78
L829248		<10	<1	0.02	<10	11.90	205	<1	0.02	2	180	4	0.04	<2	<1	48
L829249		<10	<1	0.30	20	0.60	1320	2	0.02	1	570	184	0.85	3	6	98
L829250		<10	<1	0.18	20	0.64	453	4	0.07	2	570	16	0.12	<2	6	94
L829251		<10	1	0.33	10	0.46	2210	6	0.02	1	490	158	3.27	83	4	71
L829252		<10	<1	0.35	20	0.58	1855	4	0.02	2	510	424	1.16	8	5	101
L829253		<10	<1	0.28	10	0.49	770	2	0.05	3	530	44	0.98	4	5	85
L829254		<10	<1	0.27	20	0.46	960	1	0.05	2	530	1260	1.98	10	5	79
L829255		<10	<1	0.15	20	0.67	567	1	0.08	3	590	10	0.07	2	5	85
L829256		<10	<1	0.15	20	0.59	432	1	0.09	2	560	14	0.17	2	5	64
L829257		<10	1	0.23	<10	1.08	604	43	0.33	311	660	8180	7.03	28	4	76
L829258		<10	<1	0.13	20	0.63	443	<1	0.08	3	560	16	0.07	<2	5	79

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11198585

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L829238		<20	0.01	<10	<10	36	<10	44	<1
L829239		<20	0.06	<10	10	326	<10	7820	31
L829240		<20	<0.01	<10	<10	16	<10	2780	14
L829241		<20	<0.01	<10	<10	25	<10	54	<1
L829242		<20	<0.01	<10	<10	24	<10	60	<1
L829243		<20	<0.01	<10	<10	12	<10	881	3
L829244		<20	<0.01	<10	<10	35	<10	102	<1
L829245		<20	0.01	<10	<10	44	<10	41	<1
L829246		<20	<0.01	<10	<10	20	<10	3180	36
L829247		<20	<0.01	<10	<10	20	<10	1310	11
L829248		<20	<0.01	<10	10	1	<10	20	<1
L829249		<20	<0.01	<10	<10	28	<10	405	1
L829250		<20	0.02	<10	<10	42	<10	44	<1
L829251		<20	<0.01	<10	<10	15	<10	555	6
L829252		<20	<0.01	<10	<10	18	<10	2710	2
L829253		<20	0.01	<10	<10	26	<10	107	4
L829254		<20	0.01	<10	<10	28	10	2600	8
L829255		<20	0.07	<10	<10	51	<10	38	<1
L829256		<20	0.05	<10	<10	48	<10	40	<1
L829257		<20	0.05	<10	<10	306	20	7340	31
L829258		<20	0.05	<10	<10	50	<10	54	<1

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11199529

Project: Klaza DDH- 14

P.O. No.: Batch 4

This report is for 12 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 30- SEP- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11199529

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
L835801		1.55	<0.005	<0.2	0.40	3	<10	560	<0.5	<2	0.75	<0.5	1	6	8	1.02
L835802		1.18	<0.005	<0.2	0.37	2	<10	390	<0.5	<2	0.72	<0.5	1	8	6	1.07
L835803		0.89	<0.005	<0.2	0.36	3	<10	370	<0.5	<2	0.67	<0.5	<1	6	4	0.95
L835804		0.98	0.012	<0.2	0.35	<2	<10	430	<0.5	<2	0.76	<0.5	1	6	3	0.94
L835805		1.47	<0.005	<0.2	0.52	11	<10	430	0.6	<2	0.65	3.1	1	7	6	1.10
L835806		1.34	<0.005	<0.2	0.38	5	<10	390	<0.5	<2	0.76	1.1	<1	8	5	0.99
L835807		2.29	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	19.8	<0.5	<1	<1	2	0.44
L835808		1.18	<0.005	<0.2	0.38	<2	<10	230	<0.5	<2	0.67	<0.5	<1	7	3	0.89
L835809		1.32	<0.005	<0.2	0.38	3	<10	270	<0.5	<2	0.71	<0.5	1	6	2	0.95
L835810		1.07	<0.005	<0.2	0.41	3	<10	380	<0.5	<2	0.77	<0.5	1	6	4	1.06
L835811		1.72	<0.005	<0.2	0.35	3	<10	390	<0.5	<2	0.82	<0.5	1	7	11	0.98
L835812		1.14	<0.005	<0.2	0.29	3	<10	340	<0.5	<2	0.76	<0.5	1	4	9	0.85

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11199529

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
L835801		<10	<1	0.24	20	0.12	550	2	0.06	1	90	15	0.01	3	1	32
L835802		<10	<1	0.23	20	0.11	526	1	0.06	1	80	12	<0.01	2	1	31
L835803		<10	<1	0.23	20	0.09	485	1	0.08	<1	80	10	<0.01	2	1	28
L835804		<10	<1	0.23	20	0.09	501	1	0.07	<1	80	10	<0.01	<2	1	31
L835805		<10	<1	0.30	20	0.09	467	2	0.05	1	80	36	0.13	2	1	35
L835806		<10	<1	0.25	20	0.08	446	1	0.06	1	80	20	0.04	2	1	33
L835807		<10	<1	0.02	<10	12.05	212	<1	0.02	2	190	<2	<0.01	<2	<1	45
L835808		<10	<1	0.24	20	0.11	389	1	0.08	<1	70	10	<0.01	2	1	32
L835809		<10	<1	0.23	20	0.10	391	1	0.08	1	90	11	<0.01	<2	1	35
L835810		<10	<1	0.26	20	0.11	443	2	0.09	<1	90	17	<0.01	<2	1	37
L835811		<10	<1	0.19	20	0.14	408	1	0.06	1	110	13	<0.01	3	1	43
L835812		<10	<1	0.19	20	0.09	360	1	0.06	1	80	11	<0.01	<2	1	35

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Project: Klaza DDH- 14

CERTIFICATE OF ANALYSIS WH11199529

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
L835801		20	<0.01	<10	<10	3	<10	28	1
L835802		20	<0.01	<10	<10	2	<10	23	<1
L835803		20	<0.01	<10	<10	2	<10	19	<1
L835804		20	<0.01	<10	<10	3	<10	20	<1
L835805		20	<0.01	<10	10	3	<10	123	<1
L835806		20	<0.01	<10	<10	2	<10	52	<1
L835807		<20	<0.01	<10	10	1	<10	12	1
L835808		20	<0.01	<10	<10	3	<10	18	<1
L835809		20	<0.01	<10	<10	4	<10	19	<1
L835810		20	<0.01	<10	<10	4	<10	23	1
L835811		<20	<0.01	<10	<10	6	<10	26	<1
L835812		20	<0.01	<10	<10	3	<10	16	1

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Finalized Date: 20- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11201695

Project: Klaza - DDH - 32

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH - 32

CERTIFICATE OF ANALYSIS WH11201695

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269783		98
K269784		<1
K269785		<1
K269786		1
K269787		<1
K269788		1
K269789		1
K269790		1
K269791		1
K269792		3
K269793		1
K269794		406
K269795		1
K269796		2
K269797		<1
K269798		2
K269799		1
K269800		<1
K269801		1
K269802		1
K269803		2
K269804		2
K269805		30
K269806		1
K269807		<1
K269808		1
K269809		1
K269810		<1
K269811		2
K269812		4
K269813		2
K269814		18
K269815		3
K269816		<1
K269817		1
K269818		<1

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Finalized Date: 30- OCT- 2011
Account: ROCKHA

CERTIFICATE WH11208353

Project: Klaza - DDH- 34

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 30- OCT- 2011
Account: ROCKHA

Project: Klaza - DDH- 34

CERTIFICATE OF ANALYSIS WH11208353

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K973021		<1
K973022		<1
K973023		<1
K973024		<1
K973025		<1
K973026		437
K973027		1
K973028		14
K973029		159
K973030		5
K973031		32
K973032		<1
K973033		123
K973034		2
K973035		1
K973036		<1
K973037		1
K973038		421
K973039		1
K973040		1
K973041		1
K973042		<1
K973043		<1
K973044		1
K973045		<1
K973046		2
K973047		2
K973048		1
K973049		<1
K973050		<1
K973051		1
K973052		3
K973053		<1
K973054		1
K973055		1
K973056		3

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Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11221457

Project: Klaza- DDH- 28

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 28

CERTIFICATE OF ANALYSIS WH11221457

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K272951		<0.005
K272952		<0.005
K272953		0.403
K272954		0.032
K272955		<0.005
K272956		<0.005
K272957		0.009
K272958		<0.005
K272959		<0.005
K272960		<0.005
K272961		<0.005
K272962		<0.005
K272963		<0.005
K272964		<0.005
K272965		0.043
K272966		<0.005
K272967		<0.005
K272968		0.006
K272969		1.590
K272970		0.011
K272971		<0.005
K272972		0.326
K272973		<0.005
K272974		<0.005
K272975		0.068
K272976		0.701
K272977		<0.005
K272978		<0.005
K272979		0.064
K272980		<0.005
K272981		0.009
K272982		<0.005
K272983		1.595
K272984		0.005
K272985		0.210
K272986		<0.005

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Finalized Date: 16- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11221458

Project: Klaza- DDH- 30

P.O. No.: Batch 1

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 16- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 30

CERTIFICATE OF ANALYSIS WH11221458

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K270146		0.005
K270147		0.005
K270148		<0.005
K270149		<0.005
K270150		<0.005
K270151		0.186
K270152		<0.005
K270153		<0.005
K270154		1.420
K270155		<0.005
K270156		0.009
K270157		<0.005
K270158		<0.005
K270159		0.011
K270160		<0.005
K270161		1.595
K270162		0.020
K270163		0.005
K270164		0.026
K270165		0.006
K270166		<0.005
K270167		0.008
K270168		0.046
K270169		0.019
K270170		0.273
K270171		<0.005
K270172		<0.005
K270173		<0.005
K270174		0.005
K270175		<0.005
K270176		<0.005
K270177		0.008
K270178		<0.005
K270179		<0.005
K270180		<0.005

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Finalized Date: 15- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11223822

Project: Klaza DDH- 36

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 36

CERTIFICATE OF ANALYSIS WH11223822

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269998		3
K269999		31
K270000		<1
K863151		422
K863152		1
K863153		1
K863154		1
K863155		<1
K863156		<1
K863157		9
K863158		1
K863159		1
K863160		1
K863161		1
K863162		24
K863163		1
K863164		<1
K863165		<1
K863166		<1
K863167		1
K863168		31
K863169		<1
K863170		<1
K863171		<1
K863172		1
K863173		<1
K863174		<1
K863175		<1
K863176		<1
K863177		<1
K863178		<1
K863179		<1
K863180		<1
K863181		<1
K863182		2
K863183		<1

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Finalized Date: 14- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11223823

Project: Klaza- DDH- 43

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 14- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 43

CERTIFICATE OF ANALYSIS WH11223823

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269038		2
K269039		3
K269040		1
K269041		23
K269042		46
K269043		1
K269044		3
K269045		<1
K269046		<1
K269047		1
K269048		4
K269049		419
K269050		3
K269051		1
K269052		1
K269053		3
K269054		1
K269055		1
K269056		48
K269057		<1
K269058		1
K269059		1
K269060		1
K269061		6
K269062		1
K269063		2
K269064		52
K269065		1
K269066		4
K269067		419
K269068		3
K269069		12
K269070		1
K269071		2
K269072		3
K269073		<1

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Finalized Date: 15- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11223824

Project: Klaza- DDH- 27

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 27

CERTIFICATE OF ANALYSIS WH11223824

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269630		<1
K269631		1
K269632		<1
K269633		<1
K269634		<1
K269635		1
K269636		421
K269637		<1
K269638		1
K269639		<1
K269640		<1
K269641		<1
K269642		<1
K269643		<1
K269644		5
K269645		<1
K269646		<1
K269647		6
K269648		<1
K269649		5
K269650		<1
K269651		77
K269652		<1
K269653		2
K269654		<1
K269655		<1
K269656		<1
K269657		20
K269658		9
K269659		1
K269660		5
K269661		1
K269662		5
K269663		<1
K269664		408
K269665		1

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Finalized Date: 23- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11227644

Project: Klaza DDH- 49

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11227644

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K972262		0.012
K972263		0.006
K972264		0.481
K972265		0.028
K972266		0.084
K972267		0.031
K972268		0.545
K972269		0.090
K972270		0.036
K972271		1.450
K972272		0.060
K972273		0.037
K972274		<0.005
K972275		0.033
K972276		<0.005
K972277		0.177
K972278		0.028
K972279		<0.005
K972280		<0.005
K972281		0.008
K972282		<0.005
K972283		<0.005
K972284		0.008
K972285		0.005
K972286		<0.005
K972287		<0.005
K972288		<0.005
K972289		0.069
K972290		<0.005
K972291		<0.005
K972292		<0.005
K972293		<0.005
K972294		<0.005
K972295		<0.005
K972296		1.530
K972297		<0.005

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11229849

Project: Klaza - DDH - 32

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- NOV- 2011
Account: ROCKHA

Project: Klaza - DDH - 32

CERTIFICATE OF ANALYSIS WH11229849

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269783		98
K269784		1
K269785		<1
K269786		<1
K269787		<1
K269788		<1
K269789		<1
K269790		<1
K269791		<1
K269792		<1
K269793		<1
K269794		416
K269795		1
K269796		1
K269797		<1
K269798		1
K269799		<1
K269800		<1
K269801		<1
K269802		<1
K269803		<1
K269804		6
K269805		30
K269806		<1
K269807		<1
K269808		<1
K269809		1
K269810		<1
K269811		1
K269812		<1
K269813		1
K269814		18
K269815		2
K269816		1
K269817		<1
K269818		<1

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Finalized Date: 26- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11230740

Project: Klaza- DDH- 35

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26- NOV- 2011
Account: ROCKHA

Project: Klaza- DDH- 35

CERTIFICATE OF ANALYSIS WH11230740

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K272768		0.010
K272769		0.006
K272770		0.006
K272771		0.013
K272772		0.008
K272773		<0.005
K272774		<0.005
K272775		<0.005
K272776		1.505
K272777		0.008
K272778		0.012
K272779		<0.005
K272780		<0.005
K272781		0.007
K272782		<0.005
K272783		<0.005
K272784		0.063
K272785		<0.005
K272786		0.170
K272787		0.011
K272788		0.115
K272789		<0.005
K272790		0.010
K272791		<0.005
K272792		<0.005
K272793		0.027
K272794		<0.005
K272795		<0.005
K272796		<0.005
K272797		<0.005
K272798		0.124
K272799		<0.005
K272800		3.35
K272801		0.067
K272802		1.060
K272803		0.024

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Finalized Date: 6- JAN- 2012
Account: ROCKHA

CERTIFICATE WH11230741

Project: Klaza DDH- 42

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

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Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11230741

Sample Description	Method	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
K972711		<0.005	0.2	0.66	5	<10	310	1.2	<2	0.13	<0.5	<1	1	1	0.44	<10
K972712		<0.005	0.4	0.61	3	<10	340	1.2	<2	0.17	0.8	<1	1	1	0.35	<10
K972713		<0.005	0.4	0.59	28	<10	150	1.6	<2	2.97	1.0	5	3	26	1.75	<10
K972714		0.019	1.5	0.53	72	<10	160	0.9	3	1.45	2.7	4	3	27	1.58	<10
K972715		0.039	22.8	0.51	99	<10	130	0.7	3	2.50	17.1	5	5	42	2.26	<10
K972716		<0.005	<0.2	0.04	2	<10	10	<0.5	<2	19.2	<0.5	<1	1	<1	0.43	<10
K972717		<0.005	<0.2	0.80	6	<10	250	1.0	<2	2.97	<0.5	4	7	11	2.00	<10
K972718		<0.005	<0.2	0.90	4	<10	590	1.0	<2	3.72	<0.5	4	7	2	2.01	<10
K972719		<0.005	0.5	0.75	37	<10	1210	0.9	<2	4.23	1.8	6	3	3	1.84	<10
K972720		<0.005	0.2	0.67	20	<10	1280	0.9	<2	3.09	<0.5	6	3	1	2.18	<10
K972721		1.520	33.6	5.03	150	<10	40	<0.5	11	4.58	32.8	86	59	7290	8.43	10
K972722		0.009	0.3	0.65	64	<10	250	0.7	<2	2.58	0.8	8	5	4	3.82	<10
K972723		0.010	>100	0.19	>10000	<10	10	<0.5	<2	0.42	335	2	10	1590	14.00	<10
K972724		0.006	0.8	0.50	77	<10	590	0.9	<2	2.59	1.8	7	2	22	2.66	<10
K972725		<0.005	<0.2	0.57	8	<10	1270	0.8	<2	3.53	<0.5	6	3	5	2.56	<10
K972726		<0.005	<0.2	0.74	3	<10	560	0.8	<2	2.84	<0.5	6	5	4	2.61	<10
K972727		<0.005	<0.2	0.81	<2	<10	560	0.8	<2	4.08	<0.5	7	5	3	2.64	<10
K972728		<0.005	<0.2	0.72	3	<10	710	0.8	<2	3.32	<0.5	7	4	4	2.55	<10
K972729		0.007	0.5	0.65	29	<10	660	0.7	<2	3.16	0.6	6	3	16	2.62	<10
K972730		0.046	0.3	0.72	66	<10	200	0.8	<2	2.70	0.9	7	4	20	3.03	<10
K972731		0.102	1.0	0.88	59	<10	70	0.8	<2	1.77	1.3	7	4	5	3.00	<10
K972732		<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	18.9	<0.5	1	1	<1	0.44	<10
K972733		0.011	0.5	0.57	12	<10	350	0.6	<2	2.31	0.7	5	3	2	2.27	<10
K972734		0.029	0.6	0.57	121	<10	310	0.7	3	2.46	1.4	6	4	11	2.52	<10
K972735		<0.005	<0.2	0.61	12	<10	990	0.8	<2	2.71	<0.5	6	4	4	2.30	<10
K972736		<0.005	0.8	0.67	18	<10	630	0.8	<2	2.74	<0.5	6	4	6	2.39	<10
K972737		0.036	0.7	0.62	147	<10	410	0.7	<2	4.27	<0.5	6	3	12	2.71	<10
K972738		<0.005	0.2	0.71	9	<10	510	0.8	<2	3.02	<0.5	7	5	3	2.40	<10
K972739		0.051	1.0	0.69	193	<10	290	1.0	<2	2.99	1.6	8	3	6	2.70	<10
K972740		0.028	0.5	0.71	45	<10	580	1.0	<2	3.54	<0.5	6	4	20	2.49	<10
K972741		<0.005	0.2	0.69	11	<10	860	0.8	<2	3.58	<0.5	7	4	5	2.41	<10
K972742		0.366	1.4	0.61	39	<10	810	0.8	<2	4.70	1.8	7	3	34	1.98	<10
K972743		0.007	0.3	0.69	18	<10	430	0.7	<2	2.96	<0.5	7	5	2	2.32	<10
K972744		0.071	1.1	0.59	154	<10	70	0.6	<2	2.67	0.6	9	3	35	2.70	<10
K972745		3.29	>100	0.19	>10000	<10	10	<0.5	<2	0.42	329	2	10	1630	13.75	<10
K972746		0.079	2.4	0.58	29	<10	820	0.7	<2	3.19	1.2	7	3	35	2.49	<10

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

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VANCOUVER BC V6B 1L8

Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11230741

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
K972711		<1	0.28	<10	0.07	61	<1	0.02	<1	20	50	0.04	<2	2	161	20
K972712		<1	0.28	<10	0.06	346	<1	0.01	<1	10	55	0.04	<2	2	155	20
K972713		<1	0.39	20	0.23	1985	3	0.02	1	590	22	0.26	6	4	150	<20
K972714		<1	0.33	10	0.33	1795	3	0.02	<1	300	161	0.43	11	2	82	<20
K972715		<1	0.31	10	0.44	4420	2	0.02	2	470	>10000	0.96	20	2	130	<20
K972716		<1	0.02	10	11.80	211	<1	0.01	3	180	11	0.07	<2	<1	41	<20
K972717		<1	0.27	10	0.66	687	<1	0.05	2	840	34	0.02	4	4	414	<20
K972718		<1	0.29	10	0.67	639	<1	0.04	3	860	20	0.02	<2	4	424	<20
K972719		<1	0.42	20	0.40	2180	4	0.04	1	550	67	0.31	<2	4	218	<20
K972720		<1	0.37	20	0.68	1720	<1	0.03	2	650	21	0.24	<2	4	183	<20
K972721		1	0.25	10	1.17	635	52	0.34	319	710	8470	7.63	26	4	81	<20
K972722		1	0.31	10	0.58	3350	<1	0.01	<1	490	99	0.93	5	4	157	<20
K972723		1	0.08	<10	0.18	1465	1	0.02	9	130	>10000	>10.0	571	1	21	<20
K972724		<1	0.35	20	0.67	2680	<1	0.02	1	560	147	0.63	10	4	125	<20
K972725		<1	0.34	20	0.74	1425	<1	0.03	2	590	26	0.14	2	5	168	<20
K972726		<1	0.33	20	0.65	784	<1	0.03	1	630	12	0.04	<2	8	174	<20
K972727		<1	0.35	20	0.67	1020	<1	0.03	1	620	11	0.04	<2	7	226	<20
K972728		<1	0.34	20	0.70	862	<1	0.04	1	590	10	0.08	<2	6	176	<20
K972729		<1	0.33	20	0.66	2190	<1	0.02	2	560	161	0.38	5	6	190	<20
K972730		<1	0.31	10	0.61	1955	<1	0.02	2	500	35	0.90	9	6	172	<20
K972731		<1	0.28	10	0.40	2170	<1	0.02	2	530	118	1.46	11	6	156	<20
K972732		<1	0.01	10	12.05	215	<1	0.01	3	210	2	0.07	<2	<1	48	<20
K972733		<1	0.37	20	0.60	3050	<1	0.02	1	520	26	0.86	3	4	103	<20
K972734		<1	0.33	20	0.63	2120	<1	0.02	1	550	54	0.89	7	5	121	<20
K972735		<1	0.30	20	0.69	1475	<1	0.02	2	530	14	0.27	2	5	159	<20
K972736		<1	0.31	20	0.59	1525	<1	0.03	1	560	24	0.33	3	6	164	<20
K972737		<1	0.31	20	0.93	2490	<1	0.02	<1	500	39	0.81	5	5	173	<20
K972738		<1	0.29	20	0.62	1675	<1	0.02	2	500	14	0.63	2	6	168	<20
K972739		<1	0.38	20	0.73	2750	<1	0.02	2	590	96	0.85	8	5	185	<20
K972740		<1	0.32	20	0.57	1920	<1	0.02	1	580	55	0.52	7	6	195	<20
K972741		<1	0.34	20	0.70	1290	<1	0.03	2	560	12	0.29	2	5	178	<20
K972742		<1	0.35	10	0.87	1675	<1	0.03	2	540	411	0.38	6	4	212	<20
K972743		<1	0.25	20	0.53	1285	<1	0.04	2	590	16	0.33	<2	7	187	<20
K972744		<1	0.34	10	0.67	2200	<1	0.02	<1	520	1335	1.36	15	4	129	<20
K972745		1	0.08	<10	0.18	1500	<1	0.03	9	140	>10000	>10.0	545	1	19	<20
K972746		<1	0.31	10	0.85	1290	<1	0.03	3	530	1065	0.33	11	4	168	<20

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11230741

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.01	10	10	1	10	2	1	0.001	0.001
K972711		<0.01	<10	<10	1	<10	34	<1		
K972712		<0.01	<10	10	<1	<10	47	1		
K972713		<0.01	<10	<10	12	<10	114	<1		
K972714		<0.01	<10	<10	10	<10	287	1		
K972715		<0.01	<10	<10	9	<10	1940	20	1.490	
K972716		<0.01	<10	<10	3	<10	16	<1		
K972717		0.01	<10	<10	34	<10	91	<1		
K972718		<0.01	<10	<10	34	<10	104	<1		
K972719		<0.01	<10	10	13	<10	190	1		
K972720		<0.01	<10	<10	14	<10	85	<1		
K972721		0.06	<10	10	329	<10	7620	30		
K972722		<0.01	<10	<10	15	<10	179	1		
K972723		<0.01	<10	<10	8	150	>10000	422	3.14	3.66
K972724		<0.01	<10	<10	11	<10	189	1		
K972725		<0.01	<10	<10	18	<10	69	1		
K972726		<0.01	<10	<10	35	<10	66	<1		
K972727		<0.01	<10	<10	35	<10	61	<1		
K972728		<0.01	<10	<10	31	<10	57	<1		
K972729		<0.01	<10	<10	19	<10	102	1		
K972730		<0.01	<10	<10	27	<10	150	1		
K972731		<0.01	<10	<10	25	<10	170	2		
K972732		<0.01	<10	<10	2	<10	17	<1		
K972733		<0.01	<10	<10	11	<10	109	<1		
K972734		<0.01	<10	<10	19	<10	146	1		
K972735		<0.01	<10	<10	20	<10	61	<1		
K972736		<0.01	<10	<10	23	<10	69	<1		
K972737		<0.01	<10	<10	19	<10	78	1		
K972738		<0.01	<10	<10	24	<10	68	<1		
K972739		<0.01	<10	<10	20	<10	227	<1		
K972740		<0.01	<10	<10	24	<10	66	<1		
K972741		<0.01	<10	<10	25	<10	62	<1		
K972742		<0.01	<10	<10	15	<10	245	1		
K972743		<0.01	<10	<10	34	<10	60	<1		
K972744		<0.01	<10	<10	14	<10	94	1		
K972745		<0.01	<10	<10	7	160	>10000	424	3.08	3.63
K972746		0.01	<10	<10	21	<10	169	2		

Comments: ***Corrected copy for all methods for samples K972723 and K972721***

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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11230742

Project: KLAZA- DDH- 48

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11230742

Sample Description	Method	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
K972480		<0.005	<0.2	1.30	11	<10	340	<0.5	<2	0.98	<0.5	7	9	22	2.43	<10
K972481		<0.005	<0.2	1.40	8	<10	260	<0.5	<2	1.07	<0.5	6	10	9	2.46	10
K972482		<0.005	<0.2	1.30	2	<10	270	<0.5	<2	1.35	<0.5	7	9	18	2.48	10
K972483		1.475	33.7	5.01	157	<10	30	<0.5	4	4.76	33.0	88	58	7430	8.48	10
K972484		0.025	1.2	1.00	12	<10	230	<0.5	2	1.76	2.1	7	8	113	2.77	<10
K972485		0.021	0.7	1.09	12	<10	270	<0.5	3	1.37	<0.5	7	9	140	2.76	10
K972486		0.008	<0.2	0.78	20	<10	440	0.6	<2	1.66	<0.5	7	5	6	2.32	<10
K972487		0.070	5.9	0.45	157	<10	100	<0.5	2	1.04	8.1	11	7	514	2.37	<10
K972488		<0.005	1.0	0.48	64	<10	250	<0.5	<2	1.31	4.9	3	4	23	1.32	<10
K972489		0.058	3.5	0.46	779	<10	210	<0.5	<2	1.33	24.0	7	6	46	2.61	<10
K972490		<0.005	<0.2	0.04	3	<10	10	<0.5	<2	19.4	<0.5	2	<1	<1	0.43	<10
K972491		0.016	2.1	0.48	242	<10	170	0.5	<2	1.92	17.6	7	5	20	2.34	<10
K972492		0.038	2.9	0.70	174	<10	390	0.6	<2	2.21	6.6	6	7	96	2.61	<10
K972493		0.008	<0.2	1.06	25	<10	220	<0.5	<2	1.55	<0.5	7	8	4	2.36	10
K972494		0.038	1.4	0.87	127	<10	330	<0.5	<2	1.61	4.1	7	7	11	2.46	<10
K972495		<0.005	<0.2	0.89	5	<10	440	0.5	<2	1.74	<0.5	7	8	10	2.35	<10
K972496		<0.005	<0.2	0.64	13	<10	450	0.6	<2	1.36	<0.5	7	8	3	2.28	<10
K972497		0.051	0.8	0.53	185	<10	340	0.8	<2	2.20	2.3	8	4	9	3.38	<10
K972498		1.625	14.3	0.37	2400	<10	80	<0.5	<2	5.17	65.8	5	4	81	5.20	10
K972499		<0.005	<0.2	0.85	20	<10	550	0.6	<2	1.81	0.5	6	6	4	2.57	<10
K972500		0.007	<0.2	0.04	11	<10	10	<0.5	<2	19.4	<0.5	2	1	<1	0.47	<10
L828501		0.005	<0.2	0.74	11	<10	450	0.5	<2	1.87	<0.5	6	8	3	2.32	<10
L828502		0.071	1.3	0.55	55	<10	630	0.6	<2	3.04	6.0	6	5	11	2.73	<10
L828503		0.006	<0.2	1.18	15	<10	200	<0.5	<2	1.46	1.1	7	9	4	2.67	<10
L828504		0.060	1.2	0.78	66	<10	340	<0.5	<2	1.87	5.1	7	5	43	3.09	<10
L828505		0.007	0.3	1.21	9	<10	290	<0.5	<2	1.73	<0.5	7	9	56	2.57	<10
L828506		0.005	0.2	1.15	9	<10	240	<0.5	<2	1.71	1.0	8	11	48	2.53	<10
L828507		0.005	<0.2	1.20	7	<10	340	<0.5	<2	1.73	<0.5	10	9	25	2.65	<10
L828508		<0.005	<0.2	0.58	9	<10	330	<0.5	<2	3.40	1.7	3	9	2	1.56	<10
L828509		<0.005	<0.2	1.16	6	<10	190	<0.5	<2	1.35	<0.5	4	10	4	2.42	<10
L828510		<0.005	0.2	1.21	7	<10	210	<0.5	<2	1.64	<0.5	5	12	5	2.39	<10
L828511		<0.005	<0.2	0.98	6	<10	210	<0.5	<2	2.21	<0.5	4	7	2	2.42	<10
L828512		0.012	0.9	0.60	23	<10	600	0.5	<2	2.21	2.4	6	9	5	3.21	<10
L828513		3.44	>100	0.17	>10000	<10	10	<0.5	<2	0.41	331	<1	9	1525	13.5	<10
L828514		<0.005	<0.2	1.12	6	<10	170	<0.5	<2	1.52	<0.5	6	9	8	2.40	<10
L828515		<0.005	<0.2	1.14	6	<10	180	<0.5	<2	1.15	<0.5	5	10	8	2.40	<10

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11230742

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
K972480		<1	0.23	20	0.65	457	1	0.12	<1	550	15	0.05	<2	4	40	<20
K972481		1	0.19	20	0.66	434	<1	0.11	<1	600	11	0.04	3	3	41	20
K972482		<1	0.21	20	0.67	553	<1	0.10	<1	570	12	0.05	<2	4	43	<20
K972483		1	0.25	10	1.22	638	49	0.35	324	700	8780	7.46	24	5	76	<20
K972484		1	0.23	20	0.57	892	<1	0.07	<1	580	57	0.58	<2	5	71	<20
K972485		<1	0.19	20	0.59	629	<1	0.09	<1	590	17	0.32	3	6	66	<20
K972486		1	0.23	20	0.32	755	1	0.02	<1	590	12	0.19	<2	6	50	<20
K972487		1	0.35	20	0.27	1280	2	0.02	<1	470	363	1.35	26	2	15	<20
K972488		<1	0.34	20	0.37	1100	1	0.01	<1	530	226	0.18	3	2	22	<20
K972489		<1	0.35	20	0.44	1430	<1	0.02	<1	440	1285	0.86	6	2	23	<20
K972490		<1	0.02	<10	12.10	213	<1	0.02	<1	170	4	0.03	<2	<1	45	<20
K972491		1	0.36	20	0.70	1520	<1	0.02	<1	550	875	0.66	<2	3	51	<20
K972492		1	0.26	20	0.64	1490	<1	0.04	<1	530	401	0.49	7	5	85	<20
K972493		<1	0.16	20	0.66	593	<1	0.09	<1	630	40	0.11	<2	6	57	<20
K972494		<1	0.19	20	0.63	1000	<1	0.07	<1	550	274	0.30	2	5	63	<20
K972495		1	0.19	20	0.62	494	<1	0.07	<1	550	11	0.07	2	6	73	<20
K972496		<1	0.17	20	0.44	662	<1	0.01	<1	540	15	0.12	3	8	47	<20
K972497		<1	0.32	20	0.74	3210	<1	0.02	<1	540	240	0.65	3	6	56	<20
K972498		1	0.26	10	2.17	7250	<1	0.02	<1	300	3190	3.11	19	2	66	<20
K972499		<1	0.19	20	0.59	840	<1	0.04	<1	570	35	0.13	3	7	88	<20
K972500		1	0.02	<10	12.40	240	<1	0.02	<1	150	19	0.05	2	<1	41	<20
L828501		<1	0.19	20	0.62	596	<1	0.04	<1	550	7	0.12	2	7	73	<20
L828502		<1	0.28	20	1.17	1410	<1	0.02	<1	490	367	0.40	3	7	57	<20
L828503		1	0.23	20	0.71	895	<1	0.10	<1	570	75	0.15	<2	5	54	<20
L828504		1	0.30	20	0.64	1530	<1	0.05	<1	560	439	0.64	2	4	72	<20
L828505		<1	0.20	20	0.68	554	2	0.10	7	650	15	0.25	<2	6	67	<20
L828506		<1	0.21	20	0.61	601	2	0.09	3	580	61	0.41	<2	4	66	<20
L828507		<1	0.18	20	0.71	453	1	0.10	4	660	8	0.23	<2	7	68	<20
L828508		<1	0.24	20	0.61	1030	1	0.03	2	580	50	0.05	<2	5	101	<20
L828509		<1	0.13	20	0.71	368	1	0.10	2	600	8	0.02	<2	5	51	<20
L828510		<1	0.15	20	0.66	389	1	0.10	2	580	8	0.05	<2	6	55	<20
L828511		<1	0.18	20	0.58	640	3	0.07	1	600	9	0.04	<2	6	66	<20
L828512		<1	0.20	20	0.52	1350	3	0.03	2	580	181	0.53	<2	5	53	<20
L828513		1	0.07	<10	0.17	1455	1	0.02	10	130	>10000	>10.0	561	1	22	<20
L828514		<1	0.14	20	0.68	454	2	0.07	4	570	7	0.04	<2	5	50	<20
L828515		<1	0.14	20	0.65	356	1	0.09	3	570	13	0.02	<2	4	45	<20

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Finalized Date: 24- NOV- 2011
Account: ROCKHA

Project: KLAZA- DDH- 48

CERTIFICATE OF ANALYSIS WH11230742

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Zn- OG46
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.01	10	10	1	10	2	1	0.001	0.001
K972480		0.15	<10	<10	53	<10	42	<1		
K972481		0.17	<10	<10	55	<10	38	<1		
K972482		0.14	<10	<10	54	<10	37	<1		
K972483		0.06	<10	<10	323	40	8270	30		
K972484		0.04	<10	<10	39	<10	244	1		
K972485		0.06	<10	<10	47	<10	46	<1		
K972486		<0.01	<10	<10	28	<10	57	<1		
K972487		<0.01	<10	<10	9	<10	523	6		
K972488		<0.01	<10	<10	8	<10	409	<1		
K972489		<0.01	<10	<10	10	10	1845	3		
K972490		<0.01	<10	<10	1	<10	19	<1		
K972491		<0.01	<10	<10	13	<10	1385	2		
K972492		0.01	<10	<10	26	<10	544	2		
K972493		0.08	<10	<10	46	<10	47	<1		
K972494		0.04	<10	<10	38	<10	326	1		
K972495		0.04	<10	<10	40	<10	32	<1		
K972496		<0.01	<10	<10	33	<10	47	<1		
K972497		<0.01	<10	10	19	<10	217	1		
K972498		<0.01	<10	<10	7	20	4400	13		
K972499		0.01	<10	<10	40	<10	70	<1		
K972500		<0.01	<10	<10	2	<10	42	<1		
L828501		0.01	<10	<10	34	<10	36	<1		
L828502		<0.01	<10	<10	28	<10	500	1		
L828503		0.11	<10	<10	48	<10	102	<1		
L828504		0.03	<10	<10	32	<10	416	2		
L828505		0.09	<10	<10	52	<10	42	1		
L828506		0.10	<10	<10	45	<10	90	1		
L828507		0.08	<10	<10	53	<10	36	1		
L828508		<0.01	<10	<10	25	<10	145	1		
L828509		0.12	<10	<10	54	<10	31	1		
L828510		0.07	<10	<10	49	<10	35	<1		
L828511		0.03	<10	<10	43	<10	48	<1		
L828512		<0.01	<10	<10	23	<10	210	1		
L828513		<0.01	<10	<10	7	150	>10000	425	3.16	3.64
L828514		0.09	<10	<10	49	<10	38	<1		
L828515		0.13	<10	<10	53	<10	31	1		

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VANCOUVER BC V6B 1L8

Finalized Date: 28- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11232156

Project: Klaza DDH- 49

P.O. No.: Batch 2

This report is for 36 Pulp samples submitted to our lab in Whitehorse, YT, Canada on 3- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 49

CERTIFICATE OF ANALYSIS WH11232156

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Ag- OG46 Ag ppm 1
K863526		<0.005	<1
K863527		<0.005	<1
K863528		<0.005	<1
K863529		1.690	30
K863530		<0.005	<1
K863531		<0.005	<1
K863532		<0.005	<1
K863533		<0.005	<1
K863534		<0.005	<1
K863535		<0.005	<1
K863536		<0.005	<1
K863537		<0.005	<1
K863538		<0.005	<1
K863539		<0.005	<1
K863540		<0.005	<1
K863541		<0.005	<1
K863542		<0.005	<1
K863543		<0.005	<1
K863544		<0.005	1
K863545		<0.005	<1
K863546		<0.005	<1
K863547		<0.005	<1
K863548		1.320	31
K863549		<0.005	<1
K863550		<0.005	<1
K972251		<0.005	<1
K972252		<0.005	<1
K972253		<0.005	<1
K972254		<0.005	<1
K972255		<0.005	<1
K972256		<0.005	<1
K972257		<0.005	<1
K972258		0.005	<1
K972259		<0.005	<1
K972260		<0.005	<1
K972261		0.010	1

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Finalized Date: 27- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11234282

Project: Klaza DDH- 42

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 27- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 42

CERTIFICATE OF ANALYSIS WH11234282

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K972747		<1
K972748		<1
K972749		<1
K972750		<1
K972751		2
K972752		31
K972753		<1
K972754		<1
K972755		<1
K972756		<1
K972757		<1
K972758		<1
K972759		<1
K972760		<1
K972761		<1
K972762		<1
K972763		<1
K972764		<1
K972765		<1
K972766		<1
K972767		<1
K972768		<1
K972769		<1
K972770		<1
K972771		<1
K972772		<1
K972773		<1
K972774		<1
K972775		29
K972776		<1
K972777		<1
K972778		<1
K972779		<1
K972780		<1
K972781		<1
K972782		<1

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Finalized Date: 30- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11234283

Project: Klaza DDH- 41

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11234283

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K863299		0.082
K863300		0.016
K863301		<0.005
K863302		0.102
K863303		0.026
K863304		1.415
K863305		0.010
K863306		0.173
K863307		0.006
K863308		0.006
K863309		0.732
K863310		0.435
K863311		0.008
K863312		5.90
K863313		0.006
K863314		0.016
K863315		<0.005
K863316		0.849
K863317		<0.005
K863318		0.139
K863319		<0.005
K863320		0.007
K863321		0.214
K863322		1.830
K863323		0.045
K863324		0.008
K863325		0.222
K863326		0.870
K863327		<0.005
K863328		0.043
K863329		0.013
K863330		0.041
K863331		0.035
K863332		0.006
K863333		0.006
K863334		0.100

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Finalized Date: 30- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11237836

Project: Klaza DDH- 48

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 30- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 48

CERTIFICATE OF ANALYSIS WH11237836

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
L828552		1
L828553		1
L828554		2
L828555		1
L828556		<1
L828557		<1
L828558		<1
L828559		<1
L828560		<1
L828561		<1
L828562		<1
L828563		<1
L828564		445
L828565		<1
L828566		<1
L828567		<1
L828568		28
L828569		1
L828570		1
L828571		<1
L828572		<1
L828573		3
L828574		1
L828575		2
L828576		1
L828577		<1
L828578		<1
L828579		<1
L828580		<1
L828581		31
L828582		5
L828583		3
L828584		2
L828585		<1
L828586		2
L828587		<1

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Finalized Date: 21- NOV- 2011
Account: ROCKHA

CERTIFICATE WH11237837

Project: Klaza DDH- 16

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11237837

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K271741		0.015
K271742		<0.005
K271743		0.050
K271744		0.008
K271745		0.602
K271746		<0.005
K271747		0.104
K271748		<0.005
K271749		0.005
K271750		0.164
K271751		<0.005
K271752		1.600
K271753		<0.005
K271754		<0.005
K271755		0.068
K271756		0.008
K271757		0.016
K271758		<0.005
K271759		<0.005
K271760		0.025
K271761		0.007
K271762		<0.005
K271763		<0.005
K271764		0.026
K271765		<0.005
K271766		<0.005
K271767		0.005
K271768		<0.005
K271769		<0.005
K271770		<0.005
K271771		<0.005
K271772		<0.005
K271773		<0.005
K271774		NSS
K271775		<0.005
K271776		<0.005

***** See Appendix Page for comments regarding this certificate *****

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 21- NOV- 2011
Account: ROCKHA

Project: Klaza DDH- 16

CERTIFICATE OF ANALYSIS WH11237837

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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Finalized Date: 18- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11238864

Project: Klaza DDH- 51

P.O. No.:

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: **ROCKHAVEN RESOURCES LTD.**
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Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11238864

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
K973328		0.027	
K973329		0.016	
K973330		0.042	
K973331		0.037	
K973332		0.011	
K973333		2.34	
K973334		0.009	
K973335		0.024	
K973336		1.770	
K973337		0.026	
K973338		0.027	
K973339		0.429	
K973340		0.025	
K973341		>10.0	22.8
K973342		<0.005	
K973343		0.031	
K973344		0.009	
K973345		1.445	
K973346		0.013	
K973347		0.198	
K973348		<0.005	
K973349		<0.005	
K973350		0.011	
K973351		0.022	
K973352		8.96	8.05
K973353		<0.005	
K973354		0.106	
K973355		0.015	
K973356		<0.005	
K973357		0.048	
K973358		<0.005	
K973359		0.031	
K973360		0.006	
K973361		0.006	
K973362		0.006	

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Finalized Date: 8- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11240724

Project: Klaza DDH- 50

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:
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Finalized Date: 8- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 50

CERTIFICATE OF ANALYSIS WH11240724

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
K269346		0.011	
K269347		0.006	
K269348		0.035	
K269349		<0.005	
K269350		<0.005	
K269351		<0.005	
K269352		<0.005	
K269353		1.505	
K269354		0.005	
K269355		0.023	
K269356		0.007	
K269357		0.296	
K269358		<0.005	
K269359		0.015	
K269360		0.005	
K269361		<0.005	
K269362		<0.005	
K269363		0.011	
K269364		0.014	
K269365		0.028	
K269366		>10.0	14.05
K269367		0.005	
K269368		0.311	
K269369		0.013	
K269370		0.104	
K269371		0.071	
K269372		0.024	
K269373		1.560	
K269374		<0.005	
K269375		<0.005	
K269376		<0.005	
K269377		<0.005	
K269378		<0.005	
K269379		1.070	
K269380		0.006	
K269381		0.014	

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Finalized Date: 7- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11240725

Project: Klaza DDH- 56

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 56

CERTIFICATE OF ANALYSIS WH11240725

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K269298		<1
K269299		34
K269300		1
K269301		1
K269302		<1
K269303		1
K269304		<1
K269305		<1
K269306		31
K269307		<1
K269308		1
K269309		<1
K269310		9
K269311		<1
K269312		<1
K269313		12
K269314		3
K269315		1
K269316		5
K269317		<1
K269318		<1
K269319		2
K269320		15
K269321		<1
K269322		<1
K269323		1
K269324		1
K269325		1
K269326		30
K269327		7
K269328		1
K269329		<1
K269330		1
K269331		13
K269332		1
K269333		<1

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Finalized Date: 11- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11243279

Project: Klaza DDH- 55

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:
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Finalized Date: 11- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 55

CERTIFICATE OF ANALYSIS WH11243279

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Ag- OG46 Ag ppm 1
L829295		0.007	2
L829296		<0.005	<1
L829297		0.008	<1
L829298		<0.005	<1
L829299		<0.005	<1
L829300		<0.005	<1
L829301		<0.005	<1
L829302		<0.005	<1
L829303		<0.005	1
L829304		1.460	30
L829305		0.014	1
L829306		4.87	35
L829307		0.484	12
L829308		0.005	<1
L829309		0.018	<1
L829310		<0.005	<1
L829311		0.131	1
L829312		<0.005	<1
L829313		<0.005	2
L829314		0.242	7
L829315		<0.005	<1
L829316		0.013	<1
L829317		0.068	5
L829318		0.044	3
L829319		<0.005	<1
L829320		<0.005	<1
L829321		<0.005	<1
L829322		0.307	7
L829323		0.078	4
L829324		1.460	31
L829325		<0.005	<1
L829326		<0.005	<1
L829327		0.018	1
L829328		<0.005	<1
L829329		<0.005	1
L829330		<0.005	<1

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Finalized Date: 10- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11246360

Project: Klaza DDH- 61

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 10- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 61

CERTIFICATE OF ANALYSIS WH11246360

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Ag- OG46 Ag ppm 1
K976147		<0.005	1
K976148		<0.005	<1
K976149		0.006	<1
K976150		2.92	41
K976151		<0.005	<1
K976152		0.023	1
K976153		0.008	<1
K976154		<0.005	<1
K976155		<0.005	<1
K976156		<0.005	2
K976157		0.006	<1
K976158		0.006	1
K976159		<0.005	1
K976160		<0.005	<1
K976161		0.005	<1
K976162		<0.005	1
K976163		1.555	30
K976164		0.007	<1
K976165		0.080	6
K976166		<0.005	<1
K976167		<0.005	<1
K976168		0.146	2
K976169		0.012	<1
K976170		0.009	<1
K976171		0.216	5
K976172		<0.005	<1
K976173		<0.005	<1
K976174		0.088	14
K976175		<0.005	<1
K976176		0.009	<1
K976177		0.183	2
K976178		0.193	<1
K976179		1.480	30
K976180		0.012	<1
K976181		<0.005	<1
K976182		0.013	<1

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Finalized Date: 12- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11246361

Project: Klaza DDH 61

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
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Project: Klaza DDH 61

CERTIFICATE OF ANALYSIS WH11246361

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K976071		1.035
K976072		0.075
K976073		0.103
K976074		0.009
K976075		3.31
K976076		0.005
K976077		0.226
K976078		0.014
K976079		0.330
K976080		0.098
K976081		0.017
K976082		0.040
K976083		0.726
K976084		<0.005
K976085		0.049
K976086		0.111
K976087		0.378
K976088		0.031
K976089		0.025
K976090		<0.005
K976091		0.017
K976092		0.883
K976093		0.016
K976094		0.350
K976095		0.069
K976096		0.082
K976097		3.30
K976098		0.025
K976099		<0.005
K976100		0.201
K976101		0.011
K976102		0.008
K976103		<0.005
K976104		<0.005
K976105		<0.005
K976106		<0.005

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Finalized Date: 9- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11246362

Project: Klaza DDH- 46

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 9- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 46

CERTIFICATE OF ANALYSIS WH11246362

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
K974007		<1
K974008		1
K974009		1
K974010		150
K974011		<1
K974012		1
K974013		1
K974014		2
K974015		1
K974016		<1
K974017		428
K974018		<1
K974019		1
K974020		<1
K974021		<1
K974022		<1
K974023		50
K974024		<1
K974025		1
K974026		1
K974027		<1
K974028		426
K974029		1
K974030		<1
K974031		<1
K974032		<1
K974033		<1
K974034		<1
K974035		<1
K974036		<1
K974037		1
K974038		1
K974039		1
K974040		<1
K974041		1
K974042		<1

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Finalized Date: 9- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11246640

Project: Klaza DDH- 59

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Finalized Date: 9- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 59

CERTIFICATE OF ANALYSIS WH11246640

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
L829130		1
L829131		1
L829132		1
L829133		3
L829134		3
L829135		<1
L829136		<1
L829137		1
L829138		1
L829139		<1
L829140		<1
L829141		32
L829142		<1
L829143		<1
L829144		2
L829145		<1
L829146		<1
L829147		431
L829148		1
L829149		1
L829150		<1
L829151		<1
L829152		<1
L829153		1
L829154		56
L829155		2
L829156		1
L829157		<1
L829158		2
L829159		3
L829160		6
L829161		<1
L829162		<1
L829163		<1
L829164		<1
L829165		3

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Finalized Date: 12- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11247467

Project: Klaza DDH- 58

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 12- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 58

CERTIFICATE OF ANALYSIS WH11247467

Sample Description	Method Analyte Units LOR	Ag- OG46 Ag ppm 1
L829054		1
L829055		18
L829056		<1
L829057		<1
L829058		1
L829059		<1
L829060		4
L829061		<1
L829062		<1
L829063		6
L829064		112
L829065		5
L829066		4
L829067		<1
L829068		425
L829069		1
L829070		4
L829071		2
L829072		2
L829073		<1
L829074		<1
L829075		<1
L829076		<1
L829077		<1
L829078		1
L829079		8
L829080		<1
L829081		2
L829082		44
L829083		<1
L829084		2
L829085		2
L829086		2
L829087		<1
L829088		421
L829089		1

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Finalized Date: 8- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11248876

Project: Klaza DDH 44

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- DEC- 2011
Account: ROCKHA

Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11248876

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
L828895		0.097
L828896		0.025
L828897		<0.005
L828898		<0.005
L828899		<0.005
L828900		1.265
L828901		<0.005
L828902		<0.005
L828903		<0.005
L828904		<0.005
L828905		<0.005
L828906		<0.005
L828907		<0.005
L828908		<0.005
L828909		3.23
L828910		0.007
L828911		0.008
L828912		0.006
L828913		0.007
L828914		<0.005
L828915		0.145
L828916		<0.005
L828917		<0.005
L828918		0.009
L828919		0.005
L828920		0.015
L828921		0.025
L828922		0.012
L828923		0.570
L828924		0.065
L828925		<0.005
L828926		1.510
L828927		<0.005
L828928		0.084
L828929		<0.005
L828930		0.155

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Finalized Date: 15- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11248879

Project: Klaza DDH- 63

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- NOV- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 15- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 63

CERTIFICATE OF ANALYSIS WH11248879

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K973891		<0.005
K973892		0.893
K973893		<0.005
K973894		<0.005
K973895		0.006
K973896		<0.005
K973897		0.130
K973898		<0.005
K973899		<0.005
K973900		<0.005
K973901		1.310
K973902		<0.005
K973903		0.878
K973904		<0.005
K973905		<0.005
K973906		<0.005
K973907		0.006
K973908		<0.005
K973909		<0.005
K973910		0.073
K973911		0.005
K973912		<0.005
K973913		<0.005
K973914		<0.005
K973915		<0.005
K973916		0.008
K973917		<0.005
K973918		0.173
K973919		<0.005
K973920		0.005
K973921		0.007
K973922		1.510
K973923		0.085
K973924		0.008
K973925		0.047
K973926		<0.005

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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 23- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11254547

Project: Klaza DDH- 41

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- DEC- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 41

CERTIFICATE OF ANALYSIS WH11254547

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K863299		0.071
K863300		0.014
K863301		<0.005
K863302		0.099
K863303		0.016
K863304		1.620
K863305		0.008
K863306		0.221
K863307		<0.005
K863308		<0.005
K863309		0.730
K863310		0.418
K863311		0.006
K863312		6.31
K863313		<0.005
K863314		0.013
K863315		<0.005
K863316		0.813
K863317		<0.005
K863318		0.146
K863319		<0.005
K863320		0.006
K863321		0.220
K863322		1.515
K863323		0.045
K863324		0.007
K863325		0.263
K863326		1.125
K863327		<0.005
K863328		0.045
K863329		0.011
K863330		0.040
K863331		0.033
K863332		<0.005
K863333		<0.005
K863334		0.074

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Finalized Date: 27- DEC- 2011
Account: ROCKHA

CERTIFICATE WH11257950

Project: Klaza DDH- 54

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- DEC- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27- DEC- 2011
Account: ROCKHA

Project: Klaza DDH- 54

CERTIFICATE OF ANALYSIS WH11257950

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
K863423		<0.005
K863424		<0.005
K863425		<0.005
K863426		<0.005
K863427		1.755
K863428		<0.005
K863429		<0.005
K863430		<0.005
K863431		<0.005
K863432		<0.005
K863433		<0.005
K863434		<0.005
K863435		<0.005
K863436		0.014
K863437		<0.005
K863438		0.067
K863439		0.120
K863440		<0.005
K863441		<0.005
K863442		<0.005
K863443		<0.005
K863444		<0.005
K863445		<0.005
K863446		<0.005
K863447		1.580
K863448		<0.005
K863449		0.006
K863450		0.006
K863451		0.007
K863452		0.015
K863453		<0.005
K863454		<0.005
K863455		<0.005
K863456		<0.005
K863457		<0.005
K863458		<0.005

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Finalized Date: 17- JAN- 2012
Account: ROCKHA

CERTIFICATE WH11261511

Project: Klaza DDH 44

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- DEC- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- JAN- 2012
Account: ROCKHA

Project: Klaza DDH 44

CERTIFICATE OF ANALYSIS WH11261511

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
L828895		0.023
L828896		0.017
L828897		<0.005
L828898		<0.005
L828899		<0.005
L828900		1.585
L828901		<0.005
L828902		<0.005
L828903		<0.005
L828904		<0.005
L828905		0.006
L828906		<0.005
L828907		<0.005
L828908		<0.005
L828909		1.630
L828910		0.005
L828911		<0.005
L828912		0.005
L828913		0.006
L828914		<0.005
L828915		0.123
L828916		<0.005
L828917		<0.005
L828918		0.006
L828919		0.005
L828920		0.013
L828921		0.023
L828922		0.008
L828923		0.651
L828924		0.026
L828925		0.005
L828926		1.680
L828927		<0.005
L828928		0.076
L828929		<0.005
L828930		0.154

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Finalized Date: 19- JAN- 2012
Account: ROCKHA

CERTIFICATE WH11263281

Project: Klaza DDH- 51

P.O. No.:

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- DEC- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 19- JAN- 2012
Account: ROCKHA

Project: Klaza DDH- 51

CERTIFICATE OF ANALYSIS WH11263281

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
K973328		0.025	
K973329		0.013	
K973330		0.053	
K973331		0.036	
K973332		0.009	
K973333		2.15	
K973334		0.006	
K973335		0.021	
K973336		1.355	
K973337		0.024	
K973338		0.025	
K973339		0.346	
K973340		0.022	
K973341		>10.0	23.6
K973342		<0.005	
K973343		0.030	
K973344		0.005	
K973345		1.500	
K973346		0.010	
K973347		0.188	
K973348		<0.005	
K973349		<0.005	
K973350		0.009	
K973351		0.018	
K973352		7.51	
K973353		<0.005	
K973354		0.024	
K973355		0.014	
K973356		<0.005	
K973357		0.049	
K973358		<0.005	
K973359		0.029	
K973360		<0.005	
K973361		0.006	
K973362		0.321	

APPENDIX VI

2011 DIAMOND DRILL HOLE SUMMARIES

KL-11-12 – This hole tested the Klaza zone on section KL 10+000mE at 150 m downdip of the surface exposure in TR-KL-10-10. The Klaza zone was intersected between 151 and 242 m in drill hole and 150 m downdip of the surface showing.

Chalcedonic and smokey quartz veins and stringer zones hosting locally disseminated pyrite, sphalerite, galena and arsenopyrite were encountered within the hanging wall of the Klaza zone. Moderate to strong argillic alteration was observed up to 5 m on either side of the vein zones, while phyllic alteration occurred within a 1 m wide envelope around quartz veins and sulphide stringers. The best assay from one of these veins returned 3.06 g/t gold and 253 g/t silver between 107.08 and 108.10 m.

The best mineralized intercept within the Klaza zone consisted of black/ dark grey, fine grained brecciated veins and veinlets hosting pyrite, sphalerite, galena and arsenopyrite in quartz and carbonate gangue. Breccia veins were mainly observed on the selvage between the quartz feldspar porphyry dykes and granodiorite. The strongest area of mineralization was encountered between 217.34 to 225.80 m and returned 1.75 g/t gold and 42 g/t silver.

A 100 m wide section of the hole hosts moderate to strong argillic and phyllic alteration developed in the granodiorite wall rocks that host the Klaza Zone. Pervasive phyllic alteration was also observed in the intrusive clasts found within the breccias.

DDH-KL-11-13 – tested the Klaza on section KL 10+100mE at 100 m downdip of the surface exposure in TR-KL-10-09. The Klaza zone was intersected from 137.76 to 198.12 m in drill hole and approximately 100 m downdip of the surface showing.

Mineralization encountered within the hanging wall of the Klaza zone included significant intervals of quartz-carbonate veining ranging in size from stringer zones to 10 cm wide hosting disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The best mineralizaed intersection of this type of material returned 1.71 g/t gold and 34 g/t silver over 4.77 m.

The Klaza zone consisted of strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.54 to 14.95 m wide and locally host black sulphide stringers and gouge zones with local sulphide mineralization both within the dykes and along their salvages. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 2.5 m in width. Averaged grades from hole DDH-11-13 returned a broad intercept of 0.52 g/t gold and 6 g/t silver over 47.16 m including 1.24 g/t gold and 12 g/t silver over 9.01 m.

DDH-KL-11-14 – tested the Klaza zone at 200 m downdip of the projected surface trace on section KL 10+000mE. The Klaza zone was intersected between 232 and 298 m.

The hole intersected two wide dykes which flank the upper and lower boundaries of the Klaza zone structure. The majority of the mineralization exists between these two dykes and consists of veins and veinlets of massive to semi massive arsenopyrite, pyrite and galena hosted in strongly phyllic altered granodiorite. The two best intercepts were 7.99 g/t gold and 45 g/t silver over 1.03 m and 2.39 g/t gold and 22 g/t silver over 8.11 m.

KL-11-15 – tested the Klaza zone at 50 m downdip of the projected surface trace on section KL 10+000mE. The hole was collared 20 m behind DDH-KL-96-08 which returned 3.80 g/t gold and 85.7 g/t silver over 5.05 m. The Klaza zone was intersected between 48 and 95 m in drill hole and approximately 50 m downdip of the surface showing.

The hole returned 4.24 g/t gold and 15 g/t silver over 10.46 m including 18.75 g/t gold and 52 g/t silver over 1.96 m. Similar to the nearby historical hole, mineralization within this portion of the Klaza zone was mainly hosted in one massive galena-arsenopyrite-pyrite vein.

KL-11-16 – tested the Klaza zone at 50 m downdip of the projected surface trace on section KL-10+050mE. The Klaza zone was intersected between 46 and 93 m in drill hole and approximately 50 m downdip of the surface showing.

The Klaza zone consisted of a 15.11 m wide interval hosting massive veins and stringer zones. KL-11-16 intersected 6.09 g/t gold and 101 g/t silver over 6.78 m, within a broader zone which averaged 2.89 g/t gold and 49 g/t silver over 15.11 m.

KL-11-17 – targeted the Klaza zone 100m behind drill hole KL-10-03 along section KL-10+100mE. Mineralization was intersected down hole from 207.27 - 219.3 m, approximately 150 m downdip from the surface trace of the Klaza zone.

The Klaza zone consisted of quartz veins, breccia zones and massive to disseminated sphalerite, galena, arsenopyrite and pyrite veins. Consistent with other drill holes that returned good mineralization within the Klaza zone, numerous quartz-feldspar porphyry dykes were intsected within the zone. These dykes ranged between 0.83 to 12.63 m wide and a total of six dykes were intercepted between 195.27 and 271.70 m.

One significant mineralized vein was encountered in the hanging wall of the Klaza zone and returned 9.68 g/t gold and 211 g/t silver over 1.08 m. The best mineralization intersected within the Klaza zone was 11.25 g/t gold and 72 g/t silver over 3.94 m, within a broader zone which averaged 3.78 g/t gold and 25 g/t silver over 12.03 m. A vein intersected near the footwall contact of the Klaza zone returned 3.98 g/t gold and 20 g/t silver over 2.47 m.

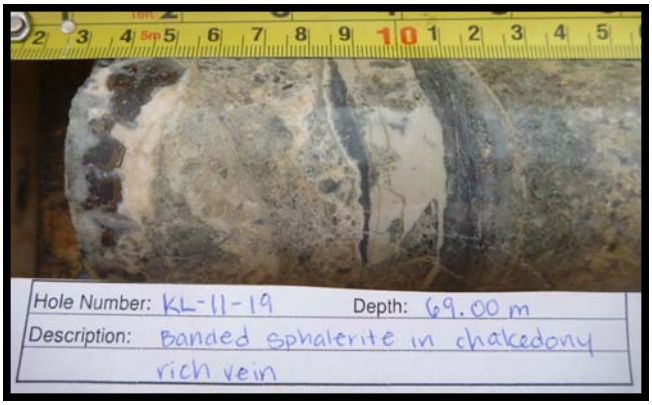
KL-11-18 – tested the Klaza zone on section KL 10+050mE. The Klaza zone was intersected between 131 and 173 m in drill hole and 100 m downdip of the projected surface trace.

A broad zone of mineralization was intercepted in this hole that returned 0.75 g/t gold and 18 g/t silver over 41.55 m. The best mineralization was observed over a 5.03 m interval and consisted of phyllic altered granodioirte hosting numerous massive semi-massive breccia zones and veins bearing pyrite, galena and sphalerite. This zone averaged 1.07 g/t gold and 84 g/t silver. Assay results from the bottom of the Klaza zone returned 1.03 g/t gold and 9 g/t silver over 19.77 m.

KL-11-19 – This hole tested the Klaza zone on section KL 10+050mE. This hole was intended to test the Klaza zone at 150 downdip but down-hole survey data showed that it shallowed considerably and tested the zone at 125 m downdip. The Klaza zone was intersected between 172.00 to 234.00 m in drill hole.

Hole KL-11-19 intercepted strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers within the Klaza zone. The quartz-feldspar porphyry dykes range between 1.0 and 6.0 m in width. On the dyke selvages and between them exist vein structures containing smokey and grey/white quartz veins ranging between 0.01 m and 0.20 m wide and host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite.

The heterolithic breccia zones host disseminated to blebby pyrite, arsenopyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 0.02 m and 0.5 m in width. Significant assays returned a broad interval averaging 1.27 g/t gold and 12 g/t silver over 30.42 m including 7.81 g/t gold and 43 g/t silver over 2.89 m.



KL-11-20 – tested the Klaza zone on section KL 10+100mE at a 200 m downdip piercement. The Klaza zone was intersected between 262.00 m and 356.32 m in drill hole.

Hanging wall mineralization included discreet quartz-carbonate veins which range in size from stringer zones to 30 cm wide hosting disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The best vein returned 1.48 g/t gold and 78 g/t silver over 1.02 m.

Typical Klaza zone mineralization and alteration was intersected in DDH-11-20 with strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.5 and 9 m wide and are mainly barren of mineralization. On the dyke selvages and between them exist vein structures containing smoky and grey/white quartz veins ranging between 1 cm and 31 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, arsenopyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm and 20 cm in width.

Multiple mineralized zones were returned within the Klaza zone. The best zones returned 11.90 g/t gold and 12 g/t silver over 1.00 m and 1.75 g/t gold and 11 g/t silver over 10.85.

KL-11-21 – tested the Klaza zone on section KL 9+950mE. The hole intersected the Klaza zone 100m downdip of its inferred surface trace. The Klaza zone was intersected between 133.00 and 173.88 m down hole.

The drill hole intersected a low angle fault that was drilled between 22.5 and 41 m in drill core. The Klaza zone consisted of strongly phyllic altered granodiorite hosting two quartz-feldspar porphyry dykes measuring 4.40 and 8.92 m wide. Mineralization between the two dykes was largely represented by silicious breccia zones up to 80 cm wide and polymetalic arsenopyrite, pyrite, galena, and sphalerite. Footwall and hanging wall sides of the Klaza zone hosted wide silicious chalcedony veins and sulphide veinlets typical of most epithermal-type mineralizing systems.

The best assays were returned from veins emplaced along the hanging wall side of the upper dyke. These averaged 1.25 g/t gold and 31 g/t silver over 12.34 m including 7.24 g/t gold and 176 g/t silver over 1.92 m. Veins intercepted on the footwall side of the lower dyke returned 2.37 g/t gold and 23 g/t silver over 5.40 m.

KL-11-22 – targeted the BRX zone 50 m below the surface exposure in KL-TR-10-21 which averaged 4.00 g/t gold and 438.8 g/t silver across 8.68 m. The BRX zone was intersected between 52 and 70 m in drill hole.

Both the hanging wall and footwall consisted of unaltered granodiorite. Moderate argillic and propylitic alteration that graded into strong phyllic alteration around narrow quartz veinlets was observed throughout the mineralized structure. The zone consisted of strong milky quartz veins hosting semi-massive to massive pyrite blebs and veinlets emplaced along the selvage of one quartz feldspar porphyry dyke. The best assay results averaged 0.47 g/t gold and 124 g/t silver across 5.20 m.

KL-11-23 – was drilled on section with DDH-11-22 and tested the BRX zone a further 50 m downdip of KL-11-22. The zone maintained its apparent attitude and was intersected in drill hole from 106 to 121 m.

The mineralized zone was again intimately associated with feldspar porphyry dykes and consisted of disseminated to massive galena, arsenopyrite and pyrite hosted in quartz veins. This type of massive mineralization was intersected between 109.00 and 110.55 m and returned 3.99 g/t gold and 229 g/t silver. The zone was accompanied by intense phyllic altered granodiorite hosting numerous quartz veins with disseminated to massive pyrite. Outside the phyllic envelopes, the granodiorite graded into a propylitic altered granodiorite and then quickly became unaltered.

KL-11-24 – was drilled to intercept the BRX zone 50 m downdip of the surface exposure in TR-10-14 which averaged 1.93 g/t gold and 136.5 g/t silver across 7.80 m. The BRX zone was intersected in drill hole between 57.8 and 76.5 m.

The hanging wall in DDH-11-24 was more altered than the hanging wall penetrated in the other drill holes that targeted the BRX zone. Numerous thin quartz stringers with propylitic altered

halos were encountered. One six inch milky quartz vein hosting disseminated arsenopyrite, pyrite and galena was intersected at 47.5 m. The vein was adjacent to a feldspar porphyry dyke which may represent a splay off the main BRX structure.

The BRX zone was composed of similar widths and mineralization styles as found in DDH-22 and DDH-23. This included quartz veins up to 4 m wide hosting disseminated to massive arsenopyrite, galena, sphalerite and pyrite along the selvage between a feldspar porphyry dyke and host granodiorite. Black breccia zones hosting disseminated, fine grained sulphides were also present.

The footwall consisted of highly propylitic, argillic and phyllic altered zones adjacent to quartz veinlets. The high density of veinlets caused a wide zone of alteration of the host granodiorite. The best assay returned 3.15 g/t gold and 72 g/t silver over 1.37 m.

KL-11-25 – was drilled to test the Klaza zone at 50 m downdip piercement on section KL 10+150mE. The hole intersected the Klaza zone between 46.1 and 76.4 m.

The Klaza zone mineralization intercepted in this hole consisted of black/ dark grey, fine grained brecciated veins and veinlets hosting pyrite, sphalerite, galena and arsenopyrite in quartz and carbonate gangue. Breccia veins were mainly observed on the selvage between the quartz feldspar porphyry dykes and granodiorite. KL-11-25 intersected 4.22 g/t gold and 75 g/t silver over 6.27 m within the Klaza zone. A 100 m wide section of the hole hosts moderate to strong argillic and phyllic alteration developed in the host granodiorite. Pervasive phyllic alteration was also observed in the intrusive clasts found within the breccias.

A vein was intersected in the footwall of the Klaza zone and returned 7.48 g/t gold and 445 g/t silver over 1.01 m.

KL-11-26 – tested the Klaza zone on section KL 9+950 mE at 50 m downdip of the inferred surface trace, 50 m east of TR-KL-10-19. The Klaza zone was intersected between 63.22 and 117.55 m.

Hanging wall mineralization included quartz and carbonate veining ranging from stringer zones to 4 cm in width. Moderate to strong phyllic alteration and throughout the interval hosting disseminated pyrite.

The Klaza zone was intersected between 63.22 and 117.55 m in drill hole and consisted of strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.13m and 8.80 m in width. Smokey quartz veins ranging between 0.5 cm and 9 cm wide host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. Heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm and 46 cm in width. The best mineralization returned from this hole averaged 0.98 g/t gold and 15 g/t silver over 11.33 m.

KL-11-27 – tested the Klaza zone on section KL 10+150 mE at 100 m downdip of the inferred surface trace. The Klaza zone was intersected between 79.93m to 213.76 m in drill hole.

Klaza zone mineralization was dominated by an increased number of individual high sulphidation veins intersected over a wider area. Veins include 27.40 g/t gold and 549 g/t silver over 0.79 m and 21.30 g/t gold and 39 g/t silver over 0.61 m. Broader zones including 1.76 g/t gold and 26 g/t silver over 26.21 m and 2.27 g/t gold and 15 g/t silver over 13.05 m were also drilled.

KL-11-28 – was collared to test the Klaza zone 150 m below the surface exposure along section KL 9+950mE. The zone was intersected between 166.33 and 234.11 m.

The Klaza zone hosted competent quartz-feldspar porphyry dykes up to 12 m wide. Massive to disseminated arsenopyrite, galena, sphalerite and pyrite in quartz veins and black breccia zones were intersected across the zone with the strongest mineralized vein grading 10.25 g/t gold and 585 g/t silver over 1.46 m.

KL-11-29 – was collared to test the BRX zone 50 m below the surface exposure in KL-TR-10-17 which averaged 0.90 g/t gold and 99.0 g/t silver across 7.00 m. The zone was intersected between 29 and 40 m in drill hole, identifying a much shallower dipping area of the BRX zone then that found on other parts of the property.

The mineralized zone intercepted in DDH-11-29 consists largely of massive to disseminated galena, arsenopyrite, pyrite and sphalerite hosted in milky quartz breccia zones and veins peripheral to the main quartz feldspar porphyry dyke. Assay results returned 3.29 g/t gold and 407 g/t silver over 3.00 m, within a broader zone which averaged 1.95 g/t gold and 147 g/t silver over 9.34 m. Three calcite veins up to 20 cm wide were found in the footwall.

KL-11-30 – tested the BRX zone 50 m downdip of the surface exposure in TR-10-20 which graded 0.08 g/t gold and 11.3 g/t silver over 1.80 m. The zone was intersected from 59 to 65.5 m. The hanging wall of the BRX zone consisted of pervasively oxidized granodiorite and brown clay gouge zones within fractures. The mineralized zone consisted of a narrow feldspar porphyry dyke with narrow black breccia bands on either side. The breccia hosts disseminated pyrite and some rare galena blebs. The zone is enveloped within a propylitic altered halo that quickly graded into unaltered granodiorite in the footwall. The mineralized zone returned 0.28 g/t gold and 18 g/t silver over 1.83 m.

KL-11-31 – tested the Klaza zone on section KL 10+150 mE at 150 m downdip of its projected surface trace 50 m east of TR-KL-10-10. The Klaza zone was intersected between 191 and 251 m in drill hole.

Hanging wall mineralization above the Klaza zone included significant intervals of quartz-carbonate veining ranging in size from stringer zones to 10 cm wide hosting disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The best assay result returned 2.58 g/t gold and 19 g/t silver over 1.99 m.

The Klaza zone was intersected between 191.00 to 251.00 m in drill hole and consists of strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.44 and 10.73 m wide and are mainly barren of mineralization. On the dyke selvages and between them exist vein structures containing smokey quartz veins ranging between 1 and 32 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 1 and 50 cm in width. The best assay from this material returned 5.07 g/t gold and 98 g/t silver over 1.01 m.

A magnetic mafic porphyry intrusion was intersected from 341.06 to 410.20 m (EOH), hosting pyrite blebs replacing phenocrysts. This unit hosts 0.5 to 2.0 m felsic bands and exhibits low magnetic susceptibility and is unmineralized. This intrusion may be a plug or a large xenolith of basement material.

KL-11-32 – tested the Klaza zone on section KL 9+900 mE at 50 m downdip of the inferred surface trace 5 m east of TR-KL-10-19. The Klaza zone was intersected between 101 m and 209 m.

Typical Klaza zone geology and mineralization was intersected consisting of strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.53 m and 5.97 m wide. Smokey quartz veins located on between or along the dyke contacts range between 0.1 cm and 2 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena, stibnite and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix and range between 1 cm and 25 cm in width. The best assay returned 4.20 g/t gold and 16 g/t silver over 0.98 m.

DDH-KL-11-33 – tested the BRX zone 100 m downdip from surface. The area above the drill hole was untrenched. The BRX zone was intersected from 115 to 129 m in drill hole.
The best mineralization was observed on the footwall contact of a feldspar porphyry dyke. The zone consisted of a brecciated milky quartz vein hosting semi-massive galena, sphalerite, arsenopyrite vein between 120.30 and 121.64 m. It graded 5.51 g/t gold and 180 g/t silver over 1.34 m.

The footwall and hanging wall both hosted numerous aplite dykes in an otherwise lightly propylitic altered granodiorite.

KL-11-34 – tested the Klaza zone on section KL 9+800 mE 5 m to the west of the inferred surface trace of TR-KL-11-27. The Klaza zone was intersected between 117.28 and 162.15 m in drill hole.

The Klaza zone consisted of strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.14 m to 6.0 m wide and are mainly barren of mineralization. On the dyke selvages and between them exist vein structures containing smokey quartz veins ranging between 0.10 m to 10 m wide

and host disseminated to semi-massive pyrite, sphalerite, galena, and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 34 cm in width. The best intercept averaged 1.31 g/t gold and 66 g/t silver across 8.47 m.

KL-11-35 – tested the BRX zone 75 m downdip from surface. A trench exposure above the drill hole returned 2.94 g/t gold and 37 g/t silver over 3.07 m.

Two significant mineralized zones were returned within the BRX structure. A quartz vein hosting massive pyrite and disseminated arsenopyrite and sphalerite was intersected between 112.42 and 115.44 m and returned 3.03 g/t gold and 84 g/t silver. The second zone consisted of a quartz vein hosting semi-massive pyrite, arsenopyrite and sphalerite on the footwall contact of a 7.25 m wide porphyry dyke. This zone returned 5.85 g/t gold and 92 g/t silver over 3.86 m

A lower zone of interest was intersected between 204 and 214 m in drill hole. It was characterized by intense hematite flooding and extreme alteration. No significant assays were returned from this material.

KL-11-36 – tested the Klaza zone on section KL 9+700 mE at 50 m downdip of TR-KL-11-28 which returned 2.05 g/t gold and 163 g/t silver over 1.96 m. The Klaza zone was intersected between 42.97m to 76.36m and 118.05m to 203.94m in drill hole.

Klaza zone type geology and mineralization was intersected between 42.97 m to 76.36 m and 118.05 m to 203.94 m and consisted of strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes ranged from 0.23m to 16.74 m wide. Veins were generally narrow ranging between 0.1 cm and 3 cm in width and host disseminated to semi-massive pyrite, sphalerite, galena, stibnite and arsenopyrite. One narrow heterolithic breccia vein was intersected hosting blebby pyrite, sphalerite and galena in a black sulphide matrix.

Four discrete mineralized zones were intercepted. The best zone, and interpreted continuity of the Klaza zone, returned 0.41 g/t gold and 165 g/t silver over 3.04 m.

KL-11-37 – tested the BRX zone 65m downdip from surface. The area above the drill hole was not trenched. The BRX zone was intersected from 82 to 96 m in drill hole.

The best mineralization was found in large quartz veins hosting massive pyrite, arsenopyrite, chalcopyrite, sphalerite and galena emplaced along the hanging wall and footwall contacts of a quartz-feldspar porphyry dyke. Three individual high grade veins ranging between 1.22 to 1.70 m width contributed to weighted average grade of 5.43 g/t gold and 50 g/t silver over 14.80 m.

KL-11-38 – tested the 50 m downdip piercement of the Klaza zone on section KL 10+200mE. The Upper Klaza zone was intersected between 65 and 84 m. The Lower Klaza zone was intersected between 138 m and 198 m.

Upper Klaza zone mineralization included significant intervals of quartz-carbonate veining ranging in size from stringer zones to 10 cm in width. The zones host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The best mineralized part of the zone averaged 0.99 g/t gold and 25 g/t silver over 19.40 m. Moderate to strong phyllic alteration of the host granodiorite occurs throughout the interval.

The Lower Klaza zone consists of strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 2.5 m and 10 m wide. On the dyke selvages and between them exists vein structures containing smokey quartz veins ranging between 0.01 m to 1 m wide and host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 2.5 m in width.

KL-11-39 – tested the BRX zone approximately 125 m downdip from surface. The BRX zone was intersected from 152 to 193 m in drill hole. This hole represents a 200 m step out to the west of any known work on the BRX zone and extends mineralization across the structure to 2000 m.

The best mineralization was found in white-grey quartz veins hosting massive pyrite, arsenopyrite, pervasive sphalerite, blebby galena and isolated ankerite. This vein graded 23.50 g/t gold and 239 g/t silver across 1.65 m. As common with the BRX zone, the mineralized interval was emplaced along the contact between a quartz-feldspar porphyry dyke and the host granodiorite.

KL-11-40 – tested the Klaza zone on section KL 10+250 mE at 250 m downdip of the inferred surface trace 50 m west of TR-KL-10-11. The Upper Klaza zone was intersected between 63.33 to 83.36 m while the lower Klaza zone was intersected between 97.50 and 159.11 m in drill hole.

Upper Klaza zone mineralization included significant intervals of quartz and quartz-carbonate veins ranging in size from stringer zones to 10 cm wide. These veins host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The widest intersection of this type of material was intersected between 63.33 m and 83.36 m. Moderate to strong phyllic alteration with minor argillic alteration occurred throughout the interval. The best mineralized zone returned 5.39 g/t gold and 26 g/t silver over 4.69 m and 4.48 g/t gold and 5 g/t silver over 1.00 m.

The Lower Klaza zone was intersected between 97.50 m and 159.11 m in drill hole and consists of strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 0.14 m to 7.85 m wide and are mainly barren of mineralization. Emplaced along the dyke selvages and between them within the host granodiorite exists vein structures containing smokey quartz veins ranging between 1 cm to 20 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena, and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 8 cm to 24 cm in width. The best assay returned from this area 0.70 g/t gold and 13 g/t silver between 130.60 and 137.68 m.

KL-11-41 – tested the Klaza zone on section KL 10+200 mE at 150 m downdip of the inferred surface trace. The Upper Klaza zone was intersected between 183.63 to 193.31 m while the Lower Klaza zone was intersected over a broad interval ranging from 207.44 to 280.13 m.

The Upper Klaza zone consisted of a series of sheeted quartz veins hosting disseminated to massive pyrite, arsenopyrite and galena. These veins range between 0.01 and 0.71 m and are emplaced within argillic to phyllic altered granodiorite. This zone averaged 1.59 g/t gold and 9 g/t silver across 9.68 m.

The Lower Klaza zone consisted of numerous narrow feldspar porphyry dykes (up to 3 m wide) and high grade vein and breccia zones. The mineralization consisted of black to dark grey, fine grained brecciated veins and veinlets hosting pyrite, sphalerite, galena and arsenopyrite in quartz and carbonate gangue. Breccia veins were mainly observed on the selvage between the quartz feldspar porphyry dykes and granodiorite. The best grade material returned from this area averaged 1.16 g/t gold and 12 g/t silver between 207.44 and 212.58 m.

KL-11-42 – tested a magnetic anomaly below the Canaan placer mine. The drill hole was collared 40 m behind a galena occurence discovered in auger drilling directed at testing for placer gold in 2007 (pers. com. Trerice, 2010). The initial 21.51 m of core were not recovered due to ground conditions. Trace to massive galena was found periodically from 27.49 m to 89.05 m hosted within highly clay altered granodiorite. Disseminated arsenopyrite, pyrite and sphalerite was also present in localized areas. A number of dykes were intersected as well as yellow clay material and green/brown breccia zones up to about 5 m wide and hosted very fine-grained sulphides. The best assay returned 0.01 g/t gold and 422 g/t silver across 1.80 m.

Numerous thin quartz stringers with siliceous halos were encountered with associated silica flooding and phyllic alteration of the host granodiorite was prevalent throughout the length of the hole.

KL-11-43 – tested the Klaza zone on section KL 10+250 mE at 150 m downdip of the inferred surface trace 50 m east of TR-KL-10-11. The hole was collared 46 m behind DDH-KL-11-40. The Upper Klaza zone was intersected between 120 m and 135 m and the Lower Klaza zone was intersected over a broad interval between 150 m and 263 m.

Upper Klaza zone consists of a series of sheeted smokey and chalcedonic quartz veins hosting trace to disseminated pyrite, arsenopyrite and honey sphalerite. This zone averaged 1.08 g/t gold and 18 g/t silver across 14.87 m.

The Lower Klaza zone consists of strongly phyllic altered granodiorite hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 1.14 m and 7.69 m wide. On the dyke selvages and between them exist vein structures containing smoky quartz veins ranging between 0.01 to 0.40 m wide and host disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 1 and 22 cm in width. The best result from the Lower Klaza zone returned 4.42 g/t gold and 12 g/t silver across 2.15 m.

KL-11-44 – targeted both the BYG and Klaza zone on section KL-10+200mE. Mineralization was intersected in the Klaza zone from 267.31 to 308.61 m, approximately 200 m downdip from its surface exposure in trench KL-TR-10-11.

As with the deeper holes that tested the Klaza zone, the best mineralization was associated with the dyke system identified as the Lower Klaza zone. Typical geology and veining was encountered, consisting of quartz veins and breccia zones hosting disseminated to semi-massive sphalerite, galena, arsenopyrite and pyrite emplaced around quartz feldspar porphyry dykes. The best intercept returned 2.67 g/t gold and 50 g/t silver over 10.15 m.

KL-11-45 – tested a prominent magnetic anomaly below the Canaan placer mine. The drill hole was collared 60 m behind the western edge of the magnetic low. Wide, yellow to gold coloured clay vein material and green/brown breccia zones were intercepted throughout the length of the hole. Breccia zones up to 10 m wide and hosting fine-grained sulphides were encountered. The best assay result from these zones returned 2.94 g/t gold and 94 g/t silver over 1.30 m. Quartz feldspar porphyry dykes associated with mineralization were also intersected.

Numerous thin quartz stringers with silicious halos were encountered with associated silica flooding and phyllic alteration of the host granodiorite was prevalent throughout the entire length of the hole.

KL-11-46 – tested the Klaza zone on section KL 10+250mE at 150 m downdip of the inferred surface trace between TR-10-11 and TR-10-12. The Upper Klaza zone was intersected between 178.00 and 198.12 m in drill hole.

Strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers was intersected between 137.76 to 198.12 m. Although numerous veins were intercepted, the best assay returned from this hole was 0.88 g/t gold and 22 g/t silver over 9.12 m.

KL-11-47 – tested the Klaza zone at 50 m downdip of the projected surface trace on section KL-10+300mE. The Upper Klaza zone was intersected between 57.72 to 85.60 m and the Lower Klaza zone was intersected from 145.39 to 198.46 m in drill hole.

The Upper Klaza zone was intersected between 57.72 to 85.60 m and consisted largely of strongly argillic altered breccia veins and vein clay. The upper Klaza zone was not associated with quartz feldspar porphyry dykes. The interval was largely composed of extremely clay altered to clay vein material hosting argillic altered breccia veins. Mineralization included sphalerite, galena, pyrite and arsenopyrite. The best assay results averaged 6.93 g/t gold and 36 g/t silver over 3.76 m.

The Lower Klaza zone hosts two wide dykes which flank the upper and lower boundaries of the zone. The majority of the mineralization exists in the footwall of these two dykes and consists of veins and veinlets of massive to semi massive arsenopyrite, pyrite and galena hosted in strongly phyllic altered granodiorite. The veins in this zone are widely spaced but they themselves appear more developed then previous intersections of the Lower Klaza zone. Assays returned 1.18 g/t gold and 14 g/t silver over 12.13 m including 9.28 g/t gold and 78 g/t silver over 1.00 m.

KL-11-48 – This hole tested the HERC zone at 50 m downdip of the surface trace exposed in TR-KL-10-12. Weak mineralization consisting of semi-massive pyrite and disseminated sphalerite was intersected and graded 1.63 g/t gold and 13 g/t silver over 1.00 m. The BYG zone was also tested near the end of this hole and returned 2.44 g/t gold and 31 g/t silver over 2.84 m. The drill hole was terminated at 209.40 m before testing the Klaza zone.

KL-11-49 – tested the same magnetic anomaly below the Canaan placer mine that was tested in hole KL-11-45. A X m wide, phyllic altered breccia zones with a quartz and sulphide vein matrix were intersected within the demagnetized structure. Wide, yellow to gold coloured clay vein material and green/brown breccia zones were also intercepted throughout the length of the hole. Breccia zones were up to about 10 m wide and hosted very fine grained sulphides. Similar to other drill holes on the property, mineralization is facilitated by the presence of dykes. Dykes associated with mineralization were very siliceous and often strongly hematite stained. The only significant mineralized intercept graded 0.55 g/t gold and 140 g/t silver over 0.95 m.

KL-11-50 – tested the Klaza zone at 100 m downdip of the projected surface trace on section KL 10+300mE. The upper Klaza zone was intersected from 108.49 to 125.01 m and the Lower Klaza zone was intersected between 199.35 and 214.22 m.

The Upper Klaza zone was largely composed of extremely clay altered to clay vein material hosting argillic altered breccia veins. Mineralization included sphalerite, galena, pyrite and arsenopyrite. This interval returned 1.18 g/t gold and 6 g/t silver across 16.52 m.

The Lower Klaza zone hosts three wide dykes which flank the upper and lower boundaries of the zone. The majority of the mineralization exists between these three dykes and consists of veins and veinlets of massive to semi massive arsenopyrite, pyrite and galena hosted in strongly phyllic altered granodiorite. The best assays averaged 1.02 g/t and 8 g/t silver over 14.87 m.

KL-11-51 – This hole tested the Herc zone at 50 m downdip of the surface projection from trench 13. No significant mineralization was intersected. Host granodiorite was weakly propylitic to argillic altered in some areas. The altered intervals hosted numerous quartz veins and stringers.

KL-11-52 – tested the Klaza zone at 150 m downdip of the projected surface trace on section KL 10+300mE. The Upper Klaza zone was intersected between 125.91 to 171.90 m and the lower Klaza zone was intersected between 225.68 to 278.52 in drill hole.

The Upper Klaza zone consisted of strongly phyllic and serecitic altered granodiorite hosting up to 2 m wide breccia and gouge zones within a 25 m wide zone. Smoky quartz and sulphide veins are observed throughout the intercept ranged from 1 cm to 4 cm and host disseminated to semi-massive pyrite, sphalerite and galena. Heterolithic breccias range from 2.00 m to 5.98 m in width and host disseminated to blebby pyrite in black or grey sulphide matrix. Gouge zones range from 1.22 m to 4.54 m and host disseminated to coarse grained pyrite. The intense brecciation, alteration and abundant sulphidation indicates this zone is synonomous to breccia pipe zones identified in other deposits within the MNGB. The best mineralized part of the breccia 1.20 g/t gold and 8 g/t silver over 16.85 m.

The lower Klaza zone was intersected between 225.68 m and 278.52 m in drill hole and consists of strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 5.30 m to 9.87 m wide and are mainly barren of mineralization. On the dyke selvages and between them exist vein structures containing smokey quartz and massive sulphide veins ranging between 1 cm and 26 m wide and host disseminated to semi-massive pyrite, sphalerite, galena, and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 10 cm in width.

KL-11-53 – was collared to test the Klaza zone 50 m below the surface exposure along section KL 10+350mE. The Upper Klaza zone was intersected between 45.27 to 58.26 m in drill hole and the Lower Klaza zone was intersected between 128.14 and 173.35 m.

This drill hole returned a poorer mineralized intersection than typically intersected in the Klaza zone. The Klaza zone hosted wide, competent quartz-feldspar porphyry dykes up to 6 m wide. The zone itself was spread out over a large length of core and although hosted massive to disseminated arsenopyrite, galena, sphalerite and pyrite in quartz veins and black breccia zones, the strongest mineralization was narrow when encountered and divided by weakly phyllic to

propylitic altered granodiorite. The Upper Klaza zone returned 0.77g/t gold and 5 g/t silver over 12.99 m.

KL-11-54 – tested a magnetic anomaly below the Canaan placer mine. A 59.03 m intercept of intensely sericitized, light green breccia hosting narrow quartz veining and disseminated pyrite was intersected below magnetic anomaly. The surrounding granodiorite was extremely phyllic altered and host numerous thin quartz stringers with silicious halos. Strong silica flooding and hematite staining was prevalent throughout the length of the hole. The best assay was returned from within the breccia zone which graded 0.33 g/t gold and 58 g/t silver over 1.44 m.

KL-11-55 – tested the Klaza zone on section KL 10+300 mE at 200 m downdip of the inferred surface trace 50 m west of TR-KL-10-12. The Upper Klaza zone was intersected between 244.00 to 255.34 m. The Lower Klaza zone was intercepted between 276.80 m and 284.22 m.

The Upper Klaza zone consisted of strongly phyllic and serecitic altered GRD hosting wide breccia and gouge veins. Smoky quartz and sulphide veins are observed throughout the intercept and host disseminated to semi-massive pyrite, sphalerite and galena. This zone returned 0.76 g/t gold over and 10 g/t silver over 11.34 m.

The Lower Klaza zone consists of strongly phyllic altered GRD hosting quartz-feldspar porphyry dykes, breccias and sulphide stringers. The quartz-feldspar porphyry dykes range between 3 m to 15 m wide. The Lower Klaza zone hosts very few mineralized veins and is mainly barren of mineralization.

KL-11-56 – tested the Klaza zone at 100 m downdip of the surface exposure in TR-KL-10-12 which returned 2.56 g/t gold and 30.4 g/t silver over 17.70 m. The Upper Klaza zone was intersected between 109.12 and 130.50 m in drill hole and approximately 100 m downdip of the surface showing.

The Upper Klaza zone hosts numerous milky and smokey quartz veins and stringers mineralized with disseminated to semi-massive arsenopyrite, pyrite and sphalerite with lesser galena. Three individual high grade veins ranging between 0.98 to 2.01 m width contributed to the overall weighted average grade of 5.03 g/t gold and 14 g/t silver over 12.51 m.

The Lower Klaza zone was intercepted between 184.04 to 233.23 m. The zone comprises five quartz feldspar porphyry dykes with spacially associated quartz-carbonate and sulphide veins. The best assay was returned from a vein in the footwall of the Lower Klaza zone that returned 9.34 g/t gold and 76 g/t silver over 1.00 m.

KL-11-57 – tested the Klaza zone along section line KL 10+400 mE. The Klaza zone was intersected between 60.05 and 71.95 m in drill hole and approximately 50 m downdip of the surface showing.

The Upper Klaza zone consists of banded chalcedony quartz and massive pyrite/sphalerite veins in a strongly phyllic and silicious granodiorite. Sulphide bearing veins host blebby galena and

arsenopyrite. Although significant visual mineralization was observed this hole returned 0.96 g/t gold and 10 g/t silver over 4.32 m.

KL-11-58 – tested the Klaza zone at 150 m downdip of the surface exposure in TR-KL-10-12 along section KL 10+350 mE. The Upper Klaza zone was intercepted between 179.28 and 196.70 m and the Lower Klaza zone was intersected between 249.97 and 306.96 m.

Hanging wall mineralization included discrete quartz-carbonate and massive sulphide veining ranging in size from stringer zones to 1.26 m wide hosting disseminated to semi-massive banded pyrite, sphalerite, galena and arsenopyrite. The widest intersection of this type of material was intersected between 70.07 m and 71.35 m and graded 13.05 g/t gold and 60 g/t silver.

The Upper Klaza hosts numerous quartz-carbonate veins and stringer veins that are emplaced in argillic and phyllic altered, silica flooded granodiorite. The veins are generally mineralized with disseminated to banded pyrite and arsenopyrite. The best result was between 160.63 to 184.90 m which returned 1.21 g/t gold and 8 g/t silver.

The Lower Klaza zone consists of strongly phyllic altered granodiorite hosting breccias and sulphide stringers associated with quartz feldspar porphyry dykes. On these dyke selvages and between them exist vein structures containing smokey quartz and massive sulphide veins ranging between 1 cm and 20 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena, and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. The best vein assayed 5.45 g/t gold and 18 g/t silver over 1.00 m.

KL-11-59 – tested the Klaza zone at 100 m downdip of the projected surface exposure approximately 50 m east of TR-KL-10-12 and along section line KL 10+400 mE. The hole was collared 50 m behind DDH-KL-11-57. The Klaza zone was intersected between 107.65 and 119.22 m in drill hole and approximately 100 m downdip of the surface showing.

The drill hole intersected a less developed area of the Klaza zone. The Klaza zone again was located up drill hole from the quartz feldspar porphyry dykes. The zone itself was spread out over a large length of core and although hosted massive to disseminated arsenopyrite, galena, sphalerite and pyrite in quartz veins and black breccia zones, The high grade mineralization was narrow when encountered and divided by weakly phyllic to propylitic altered granodiorite.

KL-11-60 – tested the Klaza zone on section KL 10+400 mE 200 m downdip of the inferred surface trace of TR-KL-10-12. The Klaza zone was intercepted between 133.19 m and 265.95 m.

Hanging wall mineralization included significant intervals of quartz-carbonate and massive sulphide veining ranging in size from stringer zones to 10 cm wide hosting disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The widest intersection of this type of material was intersected between 90.03 m and 96.38 m. Moderate to strong phyllic alteration occurred throughout the intervals.

The Klaza zone in this drill hole consists of four bands of strongly phyllic altered GRD hosting breccias and sulphide stringers. Each band is approximately 5 m wide and is associated with quartz feldspar porphyry dykes. The quartz-feldspar porphyry dykes occur between the four zones on the footwall side of the center of the entire interval. On the dyke selvages and between them exist vein structures containing smokey quartz and massive sulphide veins ranging between 1 cm and 20 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena, and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 10 cm in width. The hole was terminated at 370.94 m.

KL-11-61 – tested the Klaza zone on section KL 10+400 mE at a 150 m downdip from surface. The Upper Klaza zone was intercepted between 160.63 m and 220.66 m and the Lower Klaza zone was intersected between 279.86 and 309.98 m.

Hanging wall mineralization included discrete quartz-carbonate and massive sulphide veining ranging in size from stringer zones to 10 cm wide hosting disseminated to semi-massive banded pyrite, sphalerite, galena and arsenopyrite. The widest intersection of this type of material was intersected between 75.08 m and 82.20 m and averaged 1.39 g/t gold and 19 g/t silver. The best individual vein within this interval returned 8.46 g/t gold and 80 g/t silver over 0.53 m. These veins are emplaced around a 0.36 m wide quartz-feldspar porphyry dyke.

The Upper Klaza hosts numerous quartz-carbonate veins and stringer veins that are emplaced in argillic and phyllic altered, silica flooded granodiorite. The veins are generally mineralized with disseminated to banded pyrite and arsenopyrite. The best result was between 160.63 to 184.90 m which returned 1.21 g/t gold and 8 g/t silver.

The Lower Klaza zone consists of strongly phyllic altered granodiorite hosting breccias and sulphide stringers associated with quartz feldspar porphyry dykes. On these dyke selvages and between them exist vein structures containing smokey quartz and massive sulphide veins ranging between 1 cm and 20 cm wide and host disseminated to semi-massive pyrite, sphalerite, galena, and arsenopyrite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 10 cm in width. The best vein assayed 2.92 g/t gold and 41 g/t silver over 1.25 m.

KL-11-62 – tested the Klaza zone on section KL 10+450mE at 150 m downdip of the inferred surface trace 20 m west of TR-KL-11-26 which returned 7.17 g/t gold and 16 g/t silver over 7.11 m. The Klaza zone was intersected between 161.03 to 173.20 m in drill hole.

The BYG zone was intersected between 48.98 and 58.24 m and included significant intervals of quartz-carbonate veining ranging in size from stringer zones to 50 cm wide hosting disseminated to semi-massive pyrite, sphalerite, galena and arsenopyrite. The widest intersection of this type of material was between 51.81 m and 55.40 m and returned 3.81 g/t gold and 14 g/t silver. Moderate to strong phyllic alteration occurred throughout the interval.

The Upper Klaza zone was intersected between 161.03 to 173.20 m in drill hole and consisted of dark grey quartz veins and black breccia veins locally mineralized by fine grained pyrite. The 12.17 m interval averaged 0.65 g/t gold and 25 g/t silver.

The Lower Klaza zone was intersected between 257.87 and 324.64 m and included numerous discrete vein and breccia zones that were emplaced either adjacent to quartz-feldspar porphyry dykes or within phyllic altered granodiorite. The best mineralized vein returned 7.17 g/t gold and 14 g/t silver over 1.65 m.

KL-11-63 – tested the Klaza zone on section KL 10+250mE at 250 m downdip of the inferred surface trace 50 m east of TR-KL-10-10. This hole is the deepest drill hole that has targeted the Klaza zone to date. The Klaza zone was intersected between 300.67 and 310.92 m

The BYG zone was intersected between 66.63 and 76.94 and hosted a pink chalcedonic quartz vein emplaced on the hanging wall side of a siliceous dyke. Significant mineralization within the vein consisted of massive to semi-massive pyrite, sphalerite, galena and arsenopyrite and returned 6.29 g/t gold and 342 g/t silver 1.43 m.

Similar to nearby drill hole DDH-KL-11-44, typical Upper Klaza zone mineralization appears more towards the quartz-feldspar dyke intrusions near the Lower Klaza zone. Mineralization within this area consisted of breccias and sulphide stringers veins. The quartz-feldspar porphyry dykes range between 3 to 8 m wide and were mainly barren of mineralization. Mineralized veins exist on the dyke selvages and between the dykes within vein structures developed in phyllic altered granodiorite. The heterolithic breccia zones host disseminated to blebby pyrite, sphalerite and galena in a black sulphide matrix. These breccia zones range between 2 cm to 10 cm in width. A number of massive sulphide veins were intersected, the best of which returned 8.17 g/t gold and 91 g/t silver over 1.00m hosted within a broader zone that averaged 1.17g/t gold and 15 g/t silver over 10.25 m.

APPENDIX VII

GEOLOGICAL AND GEOTECHNICAL LOGS

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382723.84	6890304.8	1362.69	282.55 m

SECTION:

HOLE: KL-11-12

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (282.55m/EOH)

Casing depth: 10.67 (m) in / **out**

Drilling dates: June 03- 07, 2011

Geology logged by: X. Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	175.89	39.6	-48.4	Ranger
23.47	36.4	-50.5	Ranger	206.35	40.2	-48.2	Ranger
114.9	39.4	-49.2	Ranger	252.07	42.2	-47.4	Ranger
160.63	39.6	-48.4	Ranger	282.55	43.1	-46.8	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	10.67	10.67	CAS	Casing; no recovery
10.67	75.82	65.15	GRD	Very weak-no propylitic altered GRD with sub interva
				of minor argillic/phyllic envelopes around Qz/Cb veinl
75.82	175.18	99.36	GRD	Periodic frequent and infrequent stringers hosing Py,
				As, Sp, and Gn in phyllic envelopes, with patches of
				argillic and propylitic alteration around Qz/Cb veining
175.18	189.49	14.31	FEL	Qtz-feldspar porphyry
189.49	190.02	0.53	BXA	Dark grey/black breccia hosting visual Py & Gn
190.02	190.60	0.58	FEL	Qtz-feldspar porphyry
190.60	195.00	4.40	GRD	Patchy mode. phyllic alt. GRD hosting mineralized ve
195.00	207.12	12.12	GRD	Sulphide bearing grey/white transl. Qz vein/veinlet
				zone with alteration envelopes
207.12	217.34	10.22	FEL	Qtz-feldspar porphyry
217.34	224.7	7.36	GRD	Phyllic altered GRD with Qz veinlets hosting
				mineralization ~4/m density
224.7	225.8	1.1	FEL	Qtz-feldspar porphyry
225.8	238	12.2	GRD	Patchy phyllic and propylitic alteration with
				infrequent Py stringers
238	282.55	44.55		Relatively unaltered GRD, patches of propylitic
282.55				EOH

SAMPLES

Numbers: K271001 - K271156

Total: 156

Batch: DDH-12 1 - 5

Date Sent: B1, B2 (06-23); B3, B4 (06-26); B5 (06-28)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-12 **Logger Name: Xéna Montague** **Date: June 6/11**

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other										Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
0.00	10.67	10.67				CAS																					Casing; no recovery
10.67	31.30	20.63				GRD	GY-MD	MG	m	s	t	w			VT	25-89	<1	1.3	t	t	t	t					Medium greenish grey, inequigranular, GRD. Minor quartz veins with 2-4cm fine grained dark grey xenoliths. This interval is intercalated with argillite, phyllic, and oxidation alterations in fractures
			10.67	12.50	1.83		GY-MD	MG				t			VT	25-30	<1	4	n								Medium greenish grey, inequigranular, GRD with minor propylitic alteration. Minor quartz veins with 2-4cm fine grained dark grey xenoliths.
			12.50	12.92	0.42		WH/PK-DK	MG		m		m			VT	50	<1	4	n								Chalky white and dark grey/pink granitic argillic altered GRD with major oxidation in fractures. Very friable.
			12.92	14.50	1.58		GR/GY-MD	MG	w			w			VT	30	<1	1	n								weak phyllic alteration
			14.50	14.70	0.20		WH/PK-DK	MG		m		w			VT	39	<1	1	n								Similar to 12.50-12.92 with less oxidation in fractures
			14.70	18.61	3.91		GY-MD	MG				tw			VT	35-52	<1	2.5	n								Similar to 10.67-12.50
			18.61	18.79	0.18		GR/PK-LT	MG		m		t			VT	89	<1	5	n								Moderate argillic alteration of GRD
			18.79	21.17	2.38		GR/GY-MD	VU	w-m			ms			VT	86	<1	12		t	t?		t?				Med green/grey weak to moderate phyllic alteration
															VN	86	1.0	6		t	t?		t?				on GRD with <1% pyrite and <1% arsenopyrite.
			21.17	21.97	0.80		GN/GY/PK	MG		m		w	pot	w	VT	38,85	<1	2	n								Green/grey/pink medium grained argillic alteration
			25.73	26.62	0.89		GN/GY/PK	MG		m		w	pot	w	VT	85	<1	1									Green/grey/pink medium grained moderately argillic alteration of GRD with weak potassic alteration. Minor micro calcite veins. Oxidation in veinlets.
			30.51	31.30	0.79		GN/GY/PK	MG		m			pot	w	VT	60-75	<1	2									Very similar to 25.73-26.54 just slightly more
31.30	56.54	25.24					GY-MD	MG	w			w	pot	w	VT	58-85	<1	1.3									Similar to 10.67-12.50; sequence of argillic and phyllic alteration with a 2m section of potassic alteration
			46.20	46.26	0.06		GR/PK	MG		m					FX	63	<1										Green/pink granitic textured moderately argillic altered. Clays are pale green, not white
			46.26	50.54	4.28		GR/GY-MD	MG	w-m			m			VN	66-82	5.0	7	w	t	t	t	t				Green/Grey medium grained phyllic altered GRD with quartz veins, brecciated sections, galena in filled vug with euhedral prismatic calcite crystals, few qtz veins are colourless, zoned by a milky off white mineral (calcite-chalcedony). 30% of interval is moderately oxidized
															VT	60-86	<1	6	n								
			50.54	51.96	1.42		GR/GY-MD	MG				t			VT	72	<1	1	n								GRD with minor oxidation and 1 calcite veinlet.
			51.96	52.32	0.36		GR	MG	f		w	t			VT	51	<1	2	t	t							Fine grained dark grey veinlets containing pyrite.
															VN	51	1.0	2									Colourless quartz veins (2)
			52.32	54.27	1.95		GR/GY	MG							VT	46-70	<1	3	n								GRD with chalcedony/calcite veinlets
			54.27	54.54	0.27		WH-MD	MG		m		w															Off white moderately argillic alteration
			54.54	54.87	0.33		GR-LT		w			w			VN	25	1.0	1	t	t?							Weakly phyllic altered GRD with 1 chalcedony/calcite? Vein at 25° cross cutting veinlets of calcite
															VT	87	<1	4									
			54.87	55.28	0.41		WH-MD			w-m		w															Weak to moderate argillic alteration of GRD with minor oxidation in fractures
			55.28	56.35	1.07		GR/GY-MD	MG							VT	75	<1	2									GRD with 1mm chalcedony/calcite veinlets

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			56.35	56.54	0.19		GR	MG	w-m			w			VT	44	<1	2	w	w		t					Moderate phyllic alteration of GRD with veinlets of chalcedony with sulphide bearing veinlets at 44 ° are crosscut by sulphide poor veinlets at 74 °
56.54	60.82	4.28				GRD	GR/GY-MD	MG							VT	54	<1	3	n									Medium grey/green GRD with chalcedony/calcite veinlets at 56°, zones of potassic altered aplite dyke
			58.28	58.55	0.27	APL	PK/GR	DK					pot	s														Mottled pink and green potassic altered aplite dyke with trace pyrite veinlets. Zone is oriented at 82 °
															VT		<1	1	t	t								
			58.55	60.82	2.27		GR/GY-MD	MG							VN	64-70	1.5	2	n									Medium grey/green GRD with two potassic altered aplite veins at 64-74 ° off of dyke mentioned at 58.28-58.55
60.82	75.82	15.00				GRD	GY/GR-MD	MG	w	w		t							t	t								Medium grey/green medium grained GRD with sub intervals of 15-30cm of phyllic alteration with trace amounts of pyrite. Oxidation in fractures. 36 cm subinterval of argillic alteration.
			61.80	62.20	0.40		GY/GR-LT	MG	w-m										n									Moderate phyllic alteration
			66.00	66.38	0.38		GY/GR-LT	MG	w-m						VN	37	1.0	1	n									Chalcedony vein, no visible sulphides
			67.36	67.50	0.14		GY/GR-LT	MG	w-m						VT	76	<1	1	t	t				t				Chalcedony veinlet with trace pyrite and trace hematite in fractures
			71.34	71.49	0.15		GR/GR/PK	MG		w-m			pot	w	VT	72	<1	3	n									Weak to moderate argillic altered GRD with three chalcedony veinlets at 72 °. Weak potassic alteration.
			75.50	75.82	0.32		GR	MG	m						VN	90	2.0	1	n					t				Moderate phyllic alteration with a quartz/chalcedony/hematite vein at 90 °
75.82	86.24	10.42				GRD	GY/GR-MD	MG																				Medium grey/green, medium grained GRD with argillic and phyllic alteration. Chalcedony and hematite veinlets throughout.
			78.20	78.33	0.13		GY/GR-LT	MG		w									n									Weak to moderately argillic alteration of GRD
			78.33	78.56	0.23		GR/GR-MD	MG	w-f						VT	12	<1	1	w	t	t?	t						Weak to moderately argillic alteration of GRD with trace amounts of pyrite, arseno (?), and sphalerite occurring in veinlets and throughout. Veinlets at 12°.
			78.56	78.86	0.30		GR/PK	MG	w-f				pot	w					n									Weak to moderate phyllic alteration of GRD with weak potassic alteration
			78.86	79.79	0.93		GR/GY-MD	MG	w-m						VT	62-70	<1	15	w	t	t	t	t					Weak to moderate phyllic alteration of GRD with trace pyrite, arseno, sphalerite, and galena existing in aphanitic dark grey veins and veinlets . Also veinlets of chalcedony.
			79.79	80.21	0.42		GR-LT	MG	m						VT	45-70	<1	4	n									Moderate phyllic alteration of GRD with aphanitic dark grey and chalky white chalcedony veinlets, sulphide poor
			80.21	80.39	0.18		GR/GY-MD	MG	w						VT	35	<1	3	t	t								Weakly phyllic alteration of GRD with trace amounts of pyrite in dark and milky white chalcedony veinlets
			80.39	81.05	0.66		GR-LT	MG	w-m										n									Weak to moderate phyllic alteration of GRD
			81.05	81.66	0.61		GR-LT	MG		w-m									n									Weak to moderate phyllic alteration of GRD

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			82.00	83.50	1.50		GR/GY-MD	MG	m						VT	25-30	<1	2	t	t	t		t				Moderate phyllic alteration of GRD with trace amounts of pyrite, arseno, and galena within a chalcedony veinlet
			83.50	83.76	0.26		GR/PK-LT	MG		f			pot	w													Fair argillic alteration of GRD with weak potassic alteration
			83.76	86.24	2.48		GR-LT	MG	w-m										w	w	t	t	t	t			Weak to moderate phyllic alteration of GRD with weak amounts of pyrite, arseno, galena and sphalerite. Trace amounts of hematite in sulphide rich sub-sub intervals. Infrequent veins of yellow chalcedony and aphanitic dark grey (quartz, sericite, and pyrite). Veins and veinlets are sulphide bearing.
			83.73	83.79	0.06		GR-DK		m										t	t							Dark green moderate phyllic altered with trace hematite and pyrite
			85.87	86.24	0.37		GR-DK		m		f				VT	60,90	0.2-0.4	*	f	w	w	w-f	w				Moderately phyllic and silic alterations with veinlets of sphalerite, pyrite, yellow chalcedony, quartz, and galena at 60 and 90°
86.24	101.84	15.60				GRD	GR/GY-MD	MG					pot	w													Medium green/pink/grey granitic GRD with sub intervals of w-m phyllic alterations
			86.24	87.30	1.06		GR-MD	MG					pro	w	VT	78	<1	1	n								Weak propylitic alteration with 1 veinlet of calcite/qtz
			87.30	90.36	3.06		GR-DK	MG					pro	m	VT	0, 40	<1	3	n								Moderate propylitic alteration with more frequent veinlets at 0 and 40°
			90.36	90.85	0.49		GR/GY-MD	MG	w						VT	26, 90	<1	3	t	t	t?	t					Weak phyllic alteration with trace amounts of pyrite, arseno?, deposited in chalcedony (90°) and sphalerite (26°) veinlets
			90.85	91.49	0.64		GR/GY-MD	MG	v.w						VT	20-25	<1	10	t	t		t					Very weak phyllic alteration with sphalerite veinlets with trace pyrite
			94.65	94.80	0.15		GR-LT	BX	w-m						VT	47	<1	3	t	t			t				Weak to moderate phyllic alteration with yellow and white chalcedony and quartz veinlets. Yellow chalcedony has brecciated texture.
			95.95	96.25	0.30		GR/GY-DK	EN	w-m																		Weak to moderate phyllic altered envelope with a group of veinlets of sphalerite, galena, white and yellow chalcedony within the envelope
			96.01	96.02	0.01										VT	74	<1	4	f-m	w	t	ms	w	t			Sphalerite and galena veinlets bearing pyrite and arseno. Trace amounts of hematite
			96.85	97.04	0.19		GR-LT/MD	EN	w-m										w	t	t	w	t				Weak to moderate phyllic altered GRD envelope containing veinlets described in sub-sub sections
			96.90	96.94	0.04		WH/GR	VN	w-m						VN	83	4.0	1	s	w	t	f	w				Vein with veinlets of yellow and white chalcedony, sphalerite, quartz, and fine grained dark grey (qtz, pyrite, sericite?) containing pyrite, arseno, sphalerite, and galena
			99.02	99.04	0.02		GR-LT	EN	w																		Weak phyllic alteration envelope containing a sulphide bearing veinlet at 79°
															VT	79	<1	1	t	t							
101.81	121.61	19.80				GRD									VT	21-90	<1	7	w	w	t	t		t			Weak to moderate phyllic alteration envelope with infrequent argillic alteration. Small potassic altered aplite dyke at start of interval. Frequent sulphide bearing veinlets and veins with trace amounts of hematite in fractures

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			101.81	101.93	0.12	APL	PK/GR-HD	DK					pot	m	DK	68	12.0	1										Mottled pink/green aphanitic aplite dyke with trace pyrite in veinlets running in different directions of 21 and 33 degrees-opposite dip
			102.07	102.13	0.06		GD-LT	MG	w-m						VT	35			t	t				t				Weak to moderate phyllic alteration with trace pyrite in qtz/yellow chalcedony veinlet fractures. This is enveloped by weak to moderate argillic alteration. Hematite in fractures
			102.30	102.45	0.15		GR-LT	EN	m																			Moderate phyllic alteration of GRD with sulphide bearing veins and veinlets of qtz/chalcedony/calcite. Veinlets have minor lattice structures. Vein is qtz and sphalerite rich.
			102.39	102.40	0.01										VN	71	0.5-1	1	l	w	t	20	w					
								LA							VT	43	<1	3										
			102.40	103.29	0.89		GR/PK/GY			m									n									Moderate argillic alteration
			103.29	107.08	3.79		GR-DK	MG	v.m						VT	38-90	<1	5.5	t	t								Weak phyllic alteration of GRD with frequent dark green pyrite and sphalerite bearing micro veinlets. Pyrite disseminated from these veinlets. Sub-sub intervals of moderate phyllic alteration of GRD
			104.00	104.11	0.11		GR-MD	MG	w						VN	62	0.7	l	t	t								Weak phyllic altered GRD with trace pyrite existing in GRD not in qtz vein. Qtz vein is sulphide poor
			104.78	104.97	0.19		GR-LT	MG	m						VT	82-90	<1	4	w	t	t	w	t					Moderate phyllic alteration of GRD with white and yellow chalcedony, and sphalerite veinlets bearing pyrite, arseno and galena
			106.64	106.73	0.09		GR-LT	MG	m						VT	38,76	<1	3	w	w		t						Moderate phyllic alteration of GRD with trace disseminated pyrite and dark green (sphal/pyrite?) pyrite bearing veinlets at 38° with qtz/chalcedony pyrite bearing veinlet at 76°
			107.08	108.10	1.02		GR-LT	EN	m						VT	74-80	<1	3	tw	tw								Moderate phyllic alteration envelope around moderate to strong phyllic alteration with sulphide rich veins. Mod phyllic envelope has pyrite bearing veinlets and disseminated pyrite around veinlets
			107.34	107.54	0.20		WH/BR/BN	LA	s		m				VT	64-74	0.4-1	8	30	l		s	f					Strong phyllic altered vein zone with sulphide rich veinlets with vuggy quartz and lattice structure with Fe colouration. Sphal, pyrite, galena present. Sulphide veins dominant, some pyrite is green/brassy coloured.
			108.60	108.81	0.21		GR-LT	MG	w-m						VT	62	<1	1	w	w		w						Weak to moderate phyllic alteration of GRD with 1 veinlet of yellow chalcedony with sphalerite and pyrite adjacent following the trend of the veinlet
			109.44	109.60	0.16		GR-LT	MG	w-m						VT	47, 63	<1	2	t	t								Weak to moderate phyllic alteration of GRD with trace pyrite bearing veinlets of yellow chalcedony
			110.83	110.89	0.06		GR/PK/GY	MG		m-w					VT	58	<1	1	t	t								Weak to moderate argillic alteration of GRD with trace pyrite in micro veinlets
			110.89	112.04	1.15		GR-LT	MG	m		w-m								t	t				t				Moderate phyllic alteration of GRD with frequent sulphide bearing veins and veinlets described below
															VT	28-68	1.0	9	w	w				t				
															VN	68-74	<1	2	w	w								

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			114.20	114.29	0.09		PK/GR/GY	MG		m									n								Moderate argillic alteration of GRD
			114.29	114.70	0.41		GR-LT	MG	w-m						VT	22	<1	3	t	t							Weak to moderate phyllic alteration of GRD with pyrite bearing veinlets and sulphide bearing vein with pyrite dominated, also arseno, sphal, and trace galena described one line below
															VN	80	1.0	1	w	s	w	w	t				
			114.70	115.50	0.80		PK/GR/GY	MG		w-m					VT	20, 55	<1	3									Weak to moderate argillic alteration of GRD with 3 pyrite bearing smoky quartz veinlets
			115.00	115.96	0.96		GR-LT	EN	w-m						VT	54-90	<1	3	t	t							Weak to moderate phyllic alteration of GRD with 2 cm vein sulphide bearing envelope
			115.70	115.73	0.03		BR/GR-DK		ms		m				VN	71	2.0	1	50	25	w	l	w				Sulphide rich siliceous vein rich pyrite, sphal, arseno, galena, respectively. Fine grained dark grey qtz vein in filled between sulphides
			115.73	118.56	2.83		GR-LT/MD	MG	w-m	w					VN	60-90	<1	9	t	t							Weak to moderate phyllic alteration of GRD with weak argillic alteration and pyrite bearing veinlets
			118.56	118.90	0.34		PK/GR/GY-MD/DK	MG	v.w	w					VT	5	<1	1	t	t							Very weak phyllic alteration of GRD with weak argillic alteration. 1 calcite/qtz veinlet at 5° from core axis. Trace pyrite adjacent to veinlet, none in veinlet
			120.50	120.59	0.09		GR-MD	EN	w-m										t	t							Weak to moderate phyllic alteration of GRD with 1 vein:
															VN	39	1.0	1									Veins milky off white and calcite rich. Trace pyrite adjacent to vein
120.59	129.54	8.95				GRD	GR/GY-DK	MG					pro	w													Weak propylitic alteration of GRD with subintervals of moderate phyllic alteration described below
			124.72	125.40	0.68		GR-LT	EN	m						VT	40-65	<1	6	n								Moderate phyllic alteration of GRD with subintervals of moderate phyllic alteration described below
			124.94	125.01	0.07		WH/TN	BX	m		m				VN	53	5.0	1	w	w		t	t				Yellow chalcedony with concentric growths in thicker parts of vein. Brecciated veins with 1-3% visible sulphides
			126.87	127.15	0.28		GR-LT	MG	m		w-m				VT	66	<1	4	t	t							Moderate phyllic alteration of GRD with trace pyrite dissemination from chalcedony veinlets
			127.36	127.49	0.13		GR-DK	MG	m		w-m				VT	30	<1	1	t	t							Moderate dark green phyllic alteration of GRD with 1 veinlet of aphanitic dark grey and brown sphalerite. Very trace sulphides.
129.54	151.00	21.46				GRD	GR/GY-DK	MG	v.w		w-m																Weak silic and very weak phyllic alteration of GRD with veinlets of epidote with trace pyrite disseminated adjacent to veinlets; veinlets in filled calcite and quartz. Sub intervals of moderate phyllic sulphide bearing VT and VN's. Secondary calcite in fractures, range from 32-90°.
															VT	32-90	<1	2	t	t							
			132.47	132.56	0.09		GR-DK	MG	w-m																		Weak to moderate phyllic alteration of GRD with a 0.3cm pyrite bearing veinlet
			132.50	132.53	0.03		BR/GR	VT	m						VT	53	0,3	1	20	20							
			134.75	134.97	0.22		GR-DK	EN	m										w	w		t					Moderate phyllic alterations of GRD with veinlets of secondary calcite
			134.87	134.88	0.01										VT	25	1.0	2	50	30		20					Chalcedony and pyrite
															VT	5	0.5	1	n								Calcite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										Photo	DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			135.64	136.22	0.58				w		w				VT	50-90	<1	5	t	t								Weak phyllic alteration of GRD with trace pyrite disseminated from veinlets
															VT	0-10	<1	2	n								Secondary calcite in veinlets
			136.22	137.03	0.81		GR-LT/MD	MG	w-m										n								Weak to moderate phyllic alteration of GRD with 2 sub-sub intervals of sulphide bearing veins. No sulphides adjacent to veins
			136.27	136.29	0.02		GR-DK	VN	m		w-m				VN	48	2.0	1	ms	ms		t					Within 2 cm: 2mm pyrite and sphalerite veinlet enveloped by 0.5 mm clear, colourless quartz, and the remainder envelope is epidote
			136.53	136.58	0.05		GR-DK	VN	m		m				VN	41	5.0	1	ms	f		f	f				5 cm vein with veinlets of pyrite, sphalerite, and galena in middle enveloped by clear, colourless quartz and yellow, milky chalcedony
			138.97	139.42	0.45		TN/GR-LT/MD	MG	w-m										t	t							Weak to moderate phyllic alteration of GRD with pyrite disseminated in epidote veinlets. Trace hematite in fractures
															VT	28	0.2-0.3	2	t	t				t			
			140.28	140.69	0.41		TN/GR-LT/MD	MG	w-m										t	t							As described in 138.97-139.42
															VT	15	0.2	1	t	t							Pyrite bearing epidote veinlet
							GR-DK								VT	38-90	0.1	3	t	t							Crosscuts epidote veinlet 1 line above, dark green pyrite bearing veinlet
			142.20	142.36	0.16		GR-LT	EN	m		w																Moderate phyllic alteration of GRD enveloping a broken dyke: dark green with xenoliths of enveloping moderate phyllic altered GRD, described next line
			142.27	145.25	2.98		GR-DK	MG	m		w				VT	41	0.3	2	t	t				t			Moderate phyllic alteration of GRD with sphalerite bearing veinlets of pyrite and epidote. Hematite in fractures.
			146.17	146.40	0.23		GR-DK	MG	m		w								t	t							As described in 144.92-145.25
			146.20	146.21	0.01		GR/BR-DK	VT							VT	42	1.0	1	ms	ms							Quartz and pyrite veinlet
			149.65	149.80	0.15		GR-LT	EN	m		w																Moderate phyllic alteration envelope
															VT	43	1.5	1	w	w		w					Clear, colourless quartz vein with 1-5% pyrite/sphalerite
151.00	175.30	24.30				GRD	GR-LT	MG	w-m																		Weak to moderate phyllic alteration of GRD with sub intervals of GR-DK weak phyllic alteration, aphanitic dark grey dykes, mottled green/pink quartz-feldspar porphyry dyke, argillic altered quartz poor aplite dyke, and argillic alteration of GRD
			151.00	157.58	6.58		GR-LT	MG	m						VT	20-65	<1	5	t	t				t			Moderate phyllic alteration of GRD with no silic alteration, relatively soft. Veinlets are dark grey, aphanitic (most likely sourced from the next sub-sub interval..fine grained sulphides?), yellow/off white chalcedony. 2 veinlets are entirely pyrite just adjacent to sub-sub intervals of dark black/grey aphanitic dyke
			151.41	151.73	0.32		TN/GR	DK	s																		Strong phyllic altered GRD with little/none relic texture. Epidote rich sub interval and aphanitic dark grey

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			151.49	151.63	0.14		GR/PT-LT	RX-Sl	s							90			t	t							Pistachio green, re-crystallized epidote in aphanitic swirls with phenocrysts of tan chalcedony. Some relic medium grained GRD texture. Trace sulphides. Sheared texture within 2 cm from brecciated margin. Enveloped by brecciated dark black/grey aphanitic dyke described below (151.63-151.71). Breccia clasts are 2 mm-2 cm strong epidote altered GRD with relic texture.
			151.64	151.71	0.07	BXA	GR/BK-DK	BX-DK							DK	90	7.0	1	w	w							Aphanitic dark black grey groundmass with fine-medium grained xenocrysts from GRD, also colourless and milky yellow quartz
			151.84	152.28	0.44		GY-DK	EN																			Brecciated fine grained dark black/grey mafic dyke described in next interval.
			151.84	152.00	0.16	BXA	GY-DK	EN-BX-DK-SH							DK	80-90	16.0	1	s	m	f	w	t				Brecciated fine grained dark black/grey mafic dyke with clasts 1 mm-4.5 cm composed of strong phyllic altered GRD and fined grained tan, soft, xenolith (90/10 ratio respectively). Sulphide rich in first 3 cm with trace pyrite throughout. Sheared texture 1-3 cm from margin. Pyrite veinlets close to margins. This dyke envelopes the next sub section.
															VT	80-90	<1	1									
			152.00	152.26	0.26		TN/GR-LT	FG-DK					clay	s	DK	85-90	26.0	1	n								Strong clay alteration of a quartz poor, feldspar dominated porphyry, calcite flooded, enveloped by fine grained dark grey sulphide rich dyke
			152.64	152.81	0.17	BXA	BK/GY-DK	BX-DK							DK	40	17.0	1	t	t-w		t	t?	t			Aphanitic dark black grey pyrite rich dyke with brecciated texture within 2 cm from margin. Breccia clasts are surrounding moderate phyllic altered GRD. Pyrite is disseminated throughout but larger crystals towards margin. Trace sphalerite, galena (?)-could be blackjack sphalerite, hematite. Sharp contact with no moderate phyllic alteration envelope.
															VT	40	<1	1									Two veinlets of barite (?), translucent, colourless, soft, no acid reaction
			153.37	153.64	0.27	BXA	GR-LT	BX-DK-EN																			Dark grey brecciated dyke enveloping-described in 152.64-152.81- for 4 cm on the bottom part only
			153.60	153.64	0.04	BXA		BX-DK							DK	50	4.0	1	t	t-w		w	t				
			153.37	153.60	0.23	FEL	GR/OL-LT	PO							DK	50	23.0	1	n								Olive light green feldspar porphyry
			154.25	154.73	0.48		GR-DK	EN	ms						EN	45	12.0	2	w	w-f	t	t	t				A 12 cm wide moderate to strong phyllic altered GRD envelope around a brecciated mafic dyke, described in next sub section
			154.37	154.57	0.20	BXA	BK/GY	BX-Sl	s						DK	45	20.0	1	t	t							Dark black/grey, brecciated strong phyllic alteration or dyke?. Clasts range from 1mm - 10cm and are composed of moderate to strong phyllic altered GRD and smaller sheared epidote re-crystallized GRD? Disseminated pyrite throughout fine-grained black/grey groundmass.
			155.23	155.29	0.06		GR-DK	EN	ms																		Dark green, moderate to strong phyllic alteration enveloping a veinlet described in next sub section

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			155.26	155.27	0.00										VT	43	0.5	1	m	m		f					Veinlet is white/clear quartz with yellow chalcedony with pyrite and sphalerite
																											Dark green, hard, propylitic alteration of GRD with veinlets of pyrite, partially disseminated adjacent within 1.5 cm of veinlet
157.58	175.18	17.60				GRD	GR-DK	MG			m		pro	m													
															VT	45-90	<1	2	t	t							Pyrite veinlets
															VT	20-90	<1	6	n								Dark green or white quartz veinlets, sulphide poor
			159.20	159.34	0.14	APL	GR/OL/PK-MD	MO					pot	w	DK	60	14.0	1	n								Olive green/pink weak potassic altered with aplite dyke with 1.5 cm red/brown margins
			159.45	159.61	0.16		GR-DK	MG			m		pro	m													Moderate propylitic GRD sub interval with small dykes of aplite
						APL	PK/BR-MD	MO							DK	70	0.1-2.0	4	n								
			160.00	161.00	1.00		GR-LT/MD	MG	m	w																	Moderate phyllic alteration of GRD with patchy weak argillic alteration
			160.27	160.33	0.06	APL	GR/PK	MO					pot	w	DK	60	6.0	1	n								Mottled green/pink weak potassic altered aplite dyke
			160.42	160.51	0.09		GR/GY-DK	VN	s						VN	60-70	9.0	1	t	t		t					Quartz dominated veinlet rich area with disseminated pyrite and sphalerite
			160.84	160.88	0.04		GR-LT/DK	EN	m										t	t							Moderate phyllic alteration of GRD enveloping a 0.5 cm veinlet
															VT	50	0.5	1	t	t		t?					Quartz veinlet with trace pyrite and sphalerite?
			161.00	162.21	1.21		GR-DK	MG					pro	w-m													Moderate phyllic alteration of GRD with veinlets of trace pyrite, dark green mineral, and quartz
															VT	20-85	<1	2	t	t							
			162.15	162.77	0.62																			t			Moderate phyllic alteration of GRD with a quartz-sulphide vein crosscut by a brecciated vein, described next
			162.33	162.34	0.01		WH/GY	VN							VN	30	1.0	1	m	f		f		t			Clear quartz vein rimmed with sphalerite, pyrite and exist in micro fractures of the quartz vein. Trace hematite
			162.28	162.77	0.49		GY/BK	BX-VN-LA							VN	20	0.2-3	1	w	w							Fine grained sulphide rich groundmass with partial lattice structure cutting the moderate phyllic alteration of GRD. Vein contains brecciated clasts of phyllic altered GRD and epidote rich phyllic altered GRD.
			162.77	167.17	4.40		GR-DK	MG					pro	m													Dark green moderate propylitic alteration of GRD with pyrite bearing epidote veinlets
															VT	45-50	<1	2	t	t							Epidote veinlets
			167.48	167.52	0.04		GR/WH	VN							VN	90	4.0	1	w	w		t					Quartz and yellow chalcedony rich vein bearing pyrite and trace sphalerite
			168.35	169.23	0.88		GR-DK	MG					pro	m					n								As described in 162.77-167.17
			169.23	170.29	1.06		GR-DK/LT	MG	m				pro	m					n								Patchy moderate propylitic alteration and moderate phyllic alteration of GRD
			170.50	170.61	0.11		GR-LT/DK	VN	m						VT	90	<1	4	t	t							White and off-white quartz vein zone consisting of veinlets bearing trace pyrite
			171.50	171.64	0.14		GR-LT/MD	VN	m						VT	90	<1	8	t	t							As described in 170.50-170.61, but two times the amount of veinlets
			171.94	172.15	0.21		GR/PK	MG		m									n					t			Moderate argillic alteration of GRD with trace hematite
			172.25	172.31	0.06		GR-LT/DK	VN	m						VT	80-90	<1	6	w	w							Vein zone consisting of multiple veinlets of pyrite, quartz, chalcedony

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			174.33	174.77	0.44		GR/PK	MG		m									n					t			Moderate argillic alteration of GRD with trace hematite
			175.07	175.15	0.08		GR/TN	VN-LA		ms					VT	60	<1	5	w	w	t	w	t				5 cm vein zone consisting of dark black/grey and off white sulphide and chalcedony veinlets, respectively. Mild lattice structured chalcedony veinlets
175.18	189.49	14.31				FEL	GR/TN-MD/LT	PO					pro	w-m	DK	70-90		n/a	n								14.3 m feldspar-qtz porphyry dyke with weak to moderate propylitic alteration of FEL throughout interval. Veinlets of dark black/blue are present close to Klaza zone within 3m of contact
			175.18	175.64	0.46		GR-DK	PO					pro	m					n								Moderate propylitic alteration of FEL
			175.64	181.17	5.53		TN-LT	PO					pro	w-m					n								Weak propylitic alteration of FEL
			181.17	185.87	4.70		TN-LT	PO					pro	m	VN	70-80	1.5	2	n								Moderate propylitic alteration of FEL with veinlets and veins of carbonate
			185.87	188.60	2.73		TN-LT	PO					pro	w					n								Weak propylitic alteration of FEL
			188.60	189.39	0.79		GR-DK	PO					pro	m					n								Moderate propylitic alteration of FEL
			189.39	189.56	0.17		TN-LT	PO					pro	w													Weak propylitic alteration of FEL
189.56	190.02	0.46				BXA	BK/GR-DK	BX								60	46.0		w-f	w-f			t	t			Brecciated fine grained dark grey black sulphide rich groundmass with sub angular clasts of moderate to strong altered GRD. Strong phyllic altered GRD is pistachio green epidote rich clasts range from 1mm - 6cm. Larger pieces are sheared parallel to margins
190.02	190.60	0.58				FEL	GR/TN	PO							VT	40-90	<1	7	n								Feldspar porphyry with dark blue/black veinlets overprinted by:
															VT	25-45	<1	5	n								Off white carbonate
190.60	192.80	2.20				GRD			m-s	m					VT	10.0-90	<1	10									Light to dark green moderate to phyllic alteration of GRD with patchy moderate argillic alteration with sub intervals of sulphide rich breccia veins described in sub intervals. Overprinted calcite veinlets 10-45°
			190.60	190.83	0.23		GR-LT	MG	m-s										n								Moderate to strong phyllic alteration of GRD
			190.83	191.04	0.21		GR/PK-LT	MG		m									n								Pale green/pink friable argillic (montmorillonite?) alteration
			191.04	191.82	0.78		GR-DK	MG					pro, p	w,w					n								Dark green weak propylitic alteration with weak potassic alteration
			191.82	192.80	0.98		GR-MD	EN	ms				pot	w										t			Moderate to strong phyllic alteration of GRD with weak potassic altered plagioclase. Vein and veinlets of sulphide rich breccia described in next sub sub section. Hematite altered magnetite
															VT	0.0-70.0	<1	7									Overprinted carbonate veinlets
															VT	45-80	<1	4	s	s		s					Aphanitic dark grey/black sulphide rich veinlets
			192.20	192.25	0.05	BXA	GR/BK-DK-SH	BX	s						VN	70	5.0	1	t	t							Fine grained dark green/black brecciated vein with clasts 1mm-3cm elongated, sheared texture parallel to contact. Trace, visible sulphides, but groundmass may be composed entirely of sulphides

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
192.80	193.83	1.03				GRD	GR-MD	EN	ms										t	t							Moderate to strong phyllic alteration of GRD enveloping a dark grey/black brecciated vein described in next sub interval. Hematite and pyrite replacing pyrite. Overprinted carbonate veinlets
															VT	30-40	4.0	3									Carbonate veinlets
			193.07	193.32	0.25	BXA	GR/BK-DK	BX	s?							70		1	w	w							Dark green black breccia with disseminated pyrite and clasts of phyllic altered GRD and more epidote altered GRD. Step-up fractures off of breccia filled with same. Clasts 1mm-2.0cm sub rounded/sub angular. A 2.5 cm wide moderate phyllic altered GRD exists between the breccia
193.83	195.00	1.17				GRD	GR-DK	MG					pro	m	VT	10	<1	1	t	t							Dark green moderate propylitic altered GRD with pyrite rich veinlets disseminated adjacent to veinlet. Interval includes a sulphide rich vein zone with brecciated envelope:
			194.38	194.40	0.02	GRD	GR/TN-LT	MG		s									n								Strong argillic alteration of GRD
			194.46	194.90	0.44	BXA	BK/GR-DK	BX											w	w							Dark black/grey fine grained breccia as described in 193.07-193.32 disseminated pyrite throughout and small blebs
			194.52	194.72	0.20	VN	BR/GR	VN							VN	70	0.5-1.5	7	55-6(	50	w	l	f				Brass and green/black vein zone with relic GRD texture in qtz-grey areas. Vein zone contains 0.5-1.5cm pyrite rich veinlets. Percent of sulphides are per 20 cm vein zone
195.00	207.12	12.12				GRD	GR-MD	MG	m																			Sulphide bearing vein/veinlet zone with propylitic, argillic, and phyllic alteration envelopes
															VT	45-85	<1	3	ms	ms	t	m					Pyrite and white and off white chalcedony veinlets with minor sphalerite with phyllic envelopes described below
															VT	20-90	<1	2	n								Overprinted calcite veinlets
			195.00	195.74	0.74		GR-MD	MG	m						VT	20-80	<1	1	t	t							Medium green, moderate phyllic alteration of GRD with microveinlets of pyrite
			195.74	195.91	0.17		GR-DK		ms										f	f	t	w					Moderate strong phyllic alteration of GRD with disseminated pyrite throughout small blebs. Concentrated sulphides in 0.5-1.0cm veinlets described next
															VT	40	0.5-1	2	70	35	10	20	5				70% of veinlet is sulphide rich. Some blackjack sphalerite but most honey brown
			196.39	197.31	0.92		GR-LT	MG		ms									n								Moderate to strong argillic altered GRD with 1 sphalerite veinlet
															VT		0.5	1	ms	ms		m					
			197.31	198.54	1.23		GR-MD	MG	m										t	t				t			Moderate phyllic alteration of GRD with sulphide bearing veinlets throughout trace disseminated pyrite and hematite replacement
			198.54	202.18	3.64		GR-DK	MG	ms	w									t	t							Dark green moderate to strong phyllic alteration of GRD with 1-2cm patches of weak argillic alteration. Sulphide veins and veinlets throughout. Trace disseminated pyrite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
															VN	85	0.5-1.5	1	ms	ms		t?					Three 0.5-1.5 cm sulphide bearing veins composed of white chalcedony, fine grained dark green (altered GRD), quartz rich, and pyrite and trace sphalerite(?)
															VT	10.0-45	<1	3.5									Overprinted white and off-white carbonate veinlets
			202.18	206.55	4.37		GR-LT	MG	w-m										t	v.t				t			Light green weak to moderate phyllic alteration of GRD with a 6cm vein with strong phyllic alteration envelope described in sub/sub sections. Very trace disseminated pyrite adjacent to veinlets. Trace hematite present.
															VT	15	0.5	1	s	s							Pyrite veinlet cross cut by:
															VT	25-70	<1	3	n								White quartz veinlets
			203.17	203.51	0.34		GR-DK	EN	s										w	w							Strong phyllic altered GRD envelope with disseminated pyrite enclosing:
			203.25	203.31	0.06		WH/BR	VN							VN	70	6.0	1	40	35		f	t				6 cm wide white, translucent quartz bearing pyrite, sphalerite and trace galena
			206.61	207.12	0.51		GR-DK	MG	s	w									tw	tw							strong phyllic alteration of GRD with small 0.5-2 cm patches of weak argillic alteration around microveinlets. Disseminated pyrite throughout.
207.12	217.34					FEL	TN/GR-LT	PO	w-m										n								Weak to moderate phyllic altered FEL with sub intervals of GRD contact and vein described:
			211.23	211.53	0.30	GRD/	GR/TN	FL											t	t							Flow banded mixing of 50/50 GRD and FEL contact
			212.15	216.58	4.43	FEL	TN/GR-LT	PO	w-m										n								Tan/green FEL with frequent veinlets of dark blue/black pyrite veinlets:
															VT	45-85	<1	13	t	t							
			216.00	216.40	0.40	GRD	GR-DK	EN	s										m	m		t					Strong phyllic envelope with disseminated pyrite and sphalerite throughout
			216.30	216.37	0.07		BK-DK	VT							VN	50	7.0	1	s	s							Vein is 10-12 dark black/blue pyrite rich fine grained veinlets
217.34	222.60	5.26				GRD	GR-LT/DK	MG-V	m-s	w-m					VT	45-85	<1	4	t	t	t	t	t				Moderate to strong phyllic altered GRD enveloping multiple veinlets described in their respective sub intervals. Pyrite disseminated throughout; other sulphides exist in veins only. Veinlets described in this section are black/blue fine grained powder
			217.34	217.59	0.25		GR-MD	MG	m		m				VT	75	<1	3	w	w							Moderate phyllic alteration of GRD with weak silic with 3 pyrite veinlets
			217.59	219.75	2.16		GR-LT	MG	w-m	w-m					VT	45-70	<1	5	t	t							Weak to moderate phyllic and argillic altered GRD, friable with trace disseminated pyrite
			219.75	220.25	0.50		GR-MD	MG	m		m				VT	45-70	<1	5	t	t							As described in 217.34-217.75
			220.25	221.15	0.90		GR-LT	MG	w-m	w-m					VT	45-70	<1	5	t	t							As described in 217.59-217.75
			221.15	222.60	1.45		GR-LT	MG	w-m		w								t	t							Weak to moderate phyllic alteration of GRD with veins and veinlet enveloped by strong phyllic alteration. Trace disseminated pyrite adjacent to veins and veinlets. Veinlets described:
			221.15	221.27	0.12		BR/BL/BK	VN							VN	50	9.0	1	55-6	l	s	s	s				9 cm vein with pyrite, arseno, sphalerite, and galena

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
222.60	224.70	2.10				GRD	GR-DK	EN					pro	w-m					t	t							Weak to moderate propylitic alteration of GRD enveloping a sub interval of weak to moderate phyllic alteration GRD with veinlets
			223.44	224.44	1.00		GR-LT	MG	w-m		w								t	t							Weak to moderate phyllic altered and weak silic altered GRD with trace pyrite disseminated throughout
			223.56	223.60	0.04	FEL	GR	PO							DK	65	4.0	1	w	w							4 cm feldspar porphyry dyke overprinted my a 2mm envelope of breccia vein, bringing the sulphides into the porphyry
224.70	225.80	1.10				FEL	GR/GY-MD	PO-V	w-m										f	f							Weak to moderate phyllic altered feldspar porphyry with fractures in filled with sulphide rich veins, described in sub sections. Disseminated pyrite within 15 cm envelope from main vein. Disseminated pyrite replacing plag? 1cm arsenopyrite envelope 1.5 cm from main vein margin.
															VT	80-85	6.0	<1	m	m		t					Veinlets: one entirely of blackjack sphalerite, other 5 are pyrite and quartz
			225.73	225.78	0.05		BR/BN	VN							VN	80	5.0	1	80	55		20	M				80% sulphide rich vein, remainder is off white and white quartz
225.78	256.30	30.52				GRD	WH/GY & GR/GY	MG	w																		Intervals of unaltered and weak propylitic altered GRD with veins and veinlets with phyllic alteration envelopes described in subintervals
															VT	70-80	<1	0.6	s	s		f					Veinlets bearing pyrite and some sphalerite with white quartz and dark green mineral
															VN	80-85	4.0	0.2	ms	s	t	s	s				Three veins over interval with pyrite, arseno, sphalerite, galena with grey/white quartz details in sub sections
			226.80	227.03	0.23		GR-LT	EN	m															t			Moderate phyllic alteration envelope around a FEL dyke
			226.85	226.99	0.14	FEL	GR/PK	PO	w				pot	w	DK	60	14.0	1									Mottled pink/green weak potassic altered feldspar porphyry dyke at 60°(N?). Crosscut by veinlet:
															VT	67	0.5	1	w	w		w					Veinlet at 67° (S?) opposite orientation with 1-2% pyrite and sphalerite with white and yellow chalcedony
			228.01	228.10	0.09		GR-LT	EN	m						VT	45	<1	1	n								Moderate phyllic alteration of GRD envelope of white, translucent quartz veinlet
			228.33	228.53	0.20		GR-LT	EN	m						VT	75	<1	3	l	l		t					Moderate phyllic alteration of GRD envelope with pyrite veinlets (3)
			228.85	228.96	0.11		GR-LT	EN	m						VT	55	<1	1	n								Moderate phyllic alteration of GRD envelope around white/grey quartz veins
			229.65	230.07	0.42		GR-LT	EN	m										w	w							Moderate phyllic alteration of GRD around a vein with disseminated pyrite
			229.74	229.81	0.07		BR/GY	VN							VN	70	7.0	1	35	l	t?	m					7cm vein with grey/white quartz with white/off white chalcedony veinlet. Grey/white quartz in filled between sulphides
			232.80	233.75	0.95		GR-LT	EN	m										t	t	t?						Moderate phyllic alteration of GRD with trace pyrite and arseno? Disseminated

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			233.25	233.32	0.07	FEL	GR/TN-MD	PO	w						DK	35-40	7.0	1	t	t							Weak phyllic alteration of feldspar porphyry dyke with disseminated pyrite adjacent to 2 white quartz veinlets cross cutting dyke
			233.45	233.53	0.08		BR/GY	VN							VN	85	8.0	1	w	w							Vein composed of ~8 veinlets. White and off white chalcedony are in discontinuous blebs running parallel to vein. Grey quartz is present between sulphides, pyrite in blebs
			234.27	234.43	0.16		GR-LT	EN	m						VT	55	<1	2	f	f							Moderate phyllic alteration GRD envelope around two pyrite white and colourless quartz and pyrite bearing veinlets
			238.72	239.10	0.38		GR-LT	EN	m										t	t				t			Moderate phyllic altered GRD envelope with microveinlets in filled with pyrite and disseminated adjacently, enveloping a vein
			238.87	238.93	0.06		BL/GR/WH	VN							VN	75	6.0	1	50	ms	t	40					Half milky white and off white quartz and half blackjack sphalerite and blebs of pyrite with arseno
			240.44	240.78	0.34		GR-LT	EN	m										t	t	t						Moderate phyllic alteration envelope of GRD with vein described in next interval. Disseminated pyrite and arseno
			240.60	240.66	0.06		GR-DK	VN	s						VN	40	1.0	1	60	50	ms	w					Strong phyllic alteration of GRD enveloping a 1 cm pyrite and arseno rich vein
			242.33	242.93	0.60		GR-LT	EN	w-m										t	t							Weak to moderate phyllic alteration of GRD with trace pyrite in microveinlets disseminated adjacent from veinlets
			242.60	242.61	0.01		BR-DK	VT							VT	20	1.0	1	35			f		s	30		1 cm vein of magnetite, sphalerite, and hematite (altered from magnetite)
			245.72	245.88	0.16		GR-LT	EN	w-m						VT	75-80	<1	1	t	t				t			Weak to moderate phyllic alteration of GRD envelope around a white/off white chalcedony vein with <1mm hematite alteration in middle of veinlet trace disseminated pyrite
			247.42	248.05	0.63		GR-LT	EN	w-m						VT	75-80	<1	3	t	t							As described in 245.72-245.08 but with more veinlets
			248.05	249.31	1.26		GR-DK	MG					pro	w													Weak propylitic alteration of GRD
			249.31	249.83	0.52		GR-DK	MG					pro	w-m	VT	70	<1	6	ms	ms		w					Weak to moderate propylitic alteration of GRD with 6 veinlets of pyrite and sphalerite
			250.32	252.33	2.01		GR-DK	EN					pro	w					t	t							Propylitic alteration GRD enveloping strong phyllic alteration around a vein, described below. Trace disseminated pyrite.
			250.45	251.63	1.18		GR/BR-DK	EN	w		ms		pro/pc	m/w					w	w							Dark green moderate propylitic and moderate-strong silic altered GRD with pyrite veinlets and disseminated pyrite in more silic altered GRD. Weak potassic alteration with kspar replacing plag.
			250.68	251.29	0.61		GR-LT	EN	ms																		Moderate to strong phyllic alteration with weak argillic alteration of feldspars enveloping a quartz rich vein.
			251.00	251.04	0.04	VN	WH								VN	60	4.0	1	f	f		t?					White and off white vein (3cm) with veinlets of pyrite on bottom of quartz vein in parallel orientation. Yellow chalcedony veinlets and grey/white quartz veinlets
			252.33	255.55	3.22		GR/GY-DK	MG					pro	w	VT	40-60	<1	4	t	t							Weak propylitic alteration of GRD with pyrite veinlets with dissemination adjacent from veinlets

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity		
			255.55	255.88	0.33		GR-MD	MG	w-m						VT	35-55	<1	3	w	w								Weak to moderate phyllic alteration of GRD with pyrite veinlets and dissemination adjacent. Blebs of pyrite common in interval
256.30	282.55	26.25					GY/GR-LT	MG	w																			Intervals of unaltered GRD with envelopes of propylitic, phyllic and argillic alteration around veins and veinlets described below
			256.30	256.48	0.18		GR-DK	FG	s?										w	w								Dark green, fine grained GRD, some relic granular texture with blebs of pyrite throughout and filling microveinlets in orientation 15-90° in both directions
			256.30	259.01	2.71		GR-DK	EN	w-m						VT	25-60	<1	5	t	t								A large envelope of medium-light green weak to moderate phyllic altered GRD around a vein at ~258.25m
			258.19	258.32	0.13		GR/TN	VN	s?						VN	55-65	13.0	1	m	m			t					Vein zone with yellow chalcedony, dark grey and white translucent quartz, pyrite veinlets and blebs, red/brown quartz? Chalcedony? Which makes up 35-40% vein zone, remainder is a strong green phyllic GRD alternation with disseminated pyrite
			259.02	260.66	1.64		GN/PK-DK	MG					pro/po	w/w	VT	40-60	<1	5	t	t								Dark green and pink weak potassic and weak propylitic and potassic of GRD with pyrite veinlets and disseminated 1-1.5cm from veinlets
			260.66	262.64	1.98		GY/GR/PK	MG					pot	w					n									Weak potassic altered GRD
			262.91	263.64	0.73		RD/BR/GR	EN	w-m	ms					VT	40	0.5	1	t	t								Weak to moderate phyllic alteration of GRD with moderate to strong red/brown kaolinite? Alteration of feldspars enveloping a veinlet: Blue grey, soft with grey/white translucent quartz and off white chalcedony. Trace disseminated pyrite
			263.98	264.72	0.74		GR-LT	MG	w-m						VT	27-75	<1	4	w	w								Weak to moderate phyllic alteration with pyrite veinlets and dissemination from veinlets. White/clear quartz veinlets crosscut pyrite veinlets
			265.31	267.16	1.85		GR-LT	MG	w-m	m									n									Patchy weak to moderate phyllic alteration and moderate argillic (kaolinite?) alteration with colourless and white quartz veins sulphide poor
			266.06	266.82	0.76		WH/GR-LT	MG		m														t				Moderate argillic alteration of GRD with 1 pyrite veinlet
			269.42	269.67	0.25		GR-DK	FG/M	s										n									Strong phyllic alteration of GRD envelope around two white/yellow chalcedony veins:
			269.52	269.56	0.04		WH/GY	VN							VN	30	1.0	2	n									White/yellow chalcedony veins
			274.16	277.26	3.10		GR-DK	EN			w		pro	w	VT	40-80	<1	5	t									Dark green moderate propylitic altered GRD with chalcedony veinlets and dark blue/green trace pyrite bearing veinlets in lower part of envelope
			275.17	276.74	1.57		PK/WH	EN		ms					VT	30	<1	1	n									Moderate to strong argillic (kaolinite?) altered GRD with secondary overprinted carbonate veinlets
			275.57	276.65	1.08		GR-LT	EN	ms				pot	w					n									moderate to strong phyllic altered envelope with weak potassic alteration enveloping a vein:
			276.00	276.16	0.16	VN	GR/YW-LT	BX			s				VN	75	16.0	1	t	t								Quartz dominated vein. Colourless quartz hosts broken wall rock, not similar to previous sulphide rich breccia veins up hole. Yellow chalcedony in discontinuous flow banding. Breccia clasts are strong phyllic altered GRD with trace pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Intensity	Photo	
282.55	EOH																										EOH @ 282.55m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-12

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	10.67	10.67	0.00	0	0.00	0				Casing-No recovery
10.67	11.28	0.61	0.37	61	0.10	16		FR		
11.28	14.33	3.05	2.41	79	0.67	22		SW		
14.33	17.37	3.04	2.89	95	1.27	42		MW		
17.37	20.42	3.05	3.05	100	1.77	58		SW		
20.42	23.47	3.05	2.98	98	1.70	56		HW		
23.47	26.52	3.05	3.04	100	2.02	66	S	SW		
26.52	29.56	3.04	3.05	100	1.68	55	MS	SW		
29.56	32.61	3.05	2.97	97	1.87	61	MS	SW		
32.61	35.66	3.05	2.80	92	0.81	27	MS	SW		
35.66	38.71	3.05	2.94	96	0.52	17	MS	SW		
38.71	41.76	3.05	2.60	85	1.33	44	MS	SW		
41.76	44.81	3.05	2.94	96	0.94	31	MS	SW		
44.81	47.85	3.04	2.26	74	1.36	45	S	SW		
47.85	50.90	3.05	2.80	92	2.08	68	MS	MW		
50.90	53.95	3.05	2.93	96	1.38	45	MS	SW		
53.95	57.00	3.05	2.95	97	0.30	10	VS	SW		
57.00	60.05	3.05	2.93	96	1.08	35	MS	SW		
60.05	63.09	3.04	2.51	83	0.36	12	MS	SW		
63.09	66.14	3.05	3.05	100	1.64	54	MS	SW		
66.14	69.19	3.05	2.83	93	1.32	43	MS	FR		
69.19	72.24	3.05	2.88	94	0.75	25	MS	FR		
72.24	75.29	3.05	2.71	89	0.27	9	S	FR		
75.29	78.33	3.04	2.95	97	0.56	18	S	SW		
78.33	81.38	3.05	2.98	98	1.26	41	MS	FR		
81.38	84.43	3.05	2.37	78	0.35	11	MS	FR		
84.43	87.48	3.05	2.75	90	0.58	19	S	FR		
87.48	90.53	3.05	2.68	88	0.12	4	S	FR		
90.53	93.57	3.04	3.05	100	1.15	38	S	FR		
93.57	96.62	3.05	3.02	99	1.76	58	MS	FR		
96.62	99.67	3.05	3.04	100	1.39	46	S	FR		
99.67	102.72	3.05	3.02	99	1.70	56	VS	FR		
102.72	105.77	3.05	3.02	99	1.35	44	S	FR		
105.77	108.81	3.04	2.95	97	1.83	60	S	FR		
108.81	111.86	3.05	3.00	98	1.35	44	S	FR		
111.86	114.91	3.05	3.05	100	2.20	72	MS	FR		
114.91	117.96	3.05	3.02	99	2.16	71	S	FR		
117.96	121.00	3.04	3.05	100	1.88	62	S	FR		
121.00	124.05	3.05	3.05	100	0.90	30	S	FR		
124.05	127.10	3.05	3.02	99	1.71	56	MS	FR		
127.10	130.15	3.05	2.98	98	1.00	33	MS	FR		
130.15	133.20	3.05	3.00	98	1.97	65	MS	FR		
133.20	136.24	3.04	2.92	96	1.82	60	ES	FR		
136.24	139.29	3.05	3.02	99	1.76	58	MS	FR		
139.29	142.34	3.05	3.03	99	2.04	67	W	FR		
142.34	145.39	3.05	3.05	100	1.27	42	S	FR		
145.39	148.44	3.05	2.95	97	1.92	63	MS	FR		
148.44	151.10	2.66	3.03	114	1.82	68	S	FR		
151.10	154.53	3.43	3.01	88	1.77	52	MS	FR		
154.53	157.58	3.05	2.88	94	2.23	73	W	FR		
157.58	160.63	3.05	3.00	99	2.16	71	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	3.02	97	1.85	61	W	FR		
163.68	166.73	3.05	3.00	98	2.14	70	S	FR		
166.73	169.77	3.04	2.98	100	1.93	63	W	FR		
169.77	172.82	3.05	3.00	99	2.05	67	MS	FR		
172.82	175.87	3.05	2.93	100	2.35	77	MS	FR		
175.87	178.92	3.05	2.98	100	1.24	41	W	FR		
178.92	181.97	3.05	3.00	99	1.98	65	MS	FR		
181.97	185.01	3.04	3.03	98	2.02	66		FR		
185.01	188.06	3.05	2.98	98	2.17	71		FR		
188.06	191.11	3.05	2.91	96	0.46	15		FR		
191.11	194.16	3.05	3.01	99	1.31	43		FR		
194.16	197.21	3.05	2.96	99	2.01	66		FR		
197.21	200.25	3.04	2.98	100	2.14	70		FR		
200.25	203.30	3.05	3.05	97	1.89	62		FR		
203.30	206.34	3.04	2.85	100	1.81	60		FR		
206.34	209.40	3.06	2.98	98	1.01	33		FR		
209.40	212.45	3.05	2.97	94	0.87	29		FR		
212.45	215.49	3.04	2.50	99	1.20	39		FR		
215.49	218.54	3.05	2.77	99	0.84	28		FR		
218.54	221.59	3.05	3.08	98	2.10	69		FR		
221.59	224.64	3.05	2.78	98	1.79	59		FR		
224.64	227.69	3.05	2.56	98	2.21	72		FR		
227.69	230.73	3.04	2.80	96	1.26	41		FR		
230.73	233.78	3.05	2.92	98	1.83	60		FR		
233.78	236.83	3.05	2.95	98	2.19	72		FR		
236.83	239.89	3.06	3.02	99	2.33	76		FR		
239.89	242.93	3.04	2.99	98	2.50	82		FR		
242.93	245.97	3.04	3.01	96	2.90	95		FR		
245.97	249.02	3.05	3.02	99	2.72	89		FR		
249.02	252.07	3.05	3.00		2.34	77		FR		
252.07	255.12	3.05	3.03		2.41	79		FR		
255.12	258.17	3.05	2.92		1.96			FR		
258.17	261.21	3.04	3.04		2.77			FR		
261.21	264.26	3.05	3.06		1.95			FR		
264.26	267.31	3.05	3.07		2.41			FR		
267.31	270.36	3.05	3.06		2.46			FR		
270.36	273.41	3.05	3.05		2.74			FR		
273.41	276.45	3.04	2.84		1.48			FR		
276.45	279.50	3.05	2.90		2.25			FR		
279.50	282.55	3.05	3.09		2.46			FR		
282.55	EOH									

SAMPLE LOG

HOLE: KL-11-12

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	10.67	10.67	0.00	0	N/S						Casing-no recovery
10.67	12.50	1.83	1.58	86	K271001	1					
12.50	14.70	2.20	1.66	75	K271002	1					
14.70	16.64	1.94	1.88	97	K271003	1					
16.64	18.61	1.97	1.97	100	K271004	1					
18.61	19.47	0.86	0.87	101	K271005	1					
19.47	21.17	1.70	1.69	99	K271006	1					vein zone
					K271007	1					Blanks
21.17	21.97	0.80	0.80	100	K271008	1					
21.97	23.47	1.50	1.50	100	K271009	1					
23.47	26.62	3.15	3.06	97	K271010	1					
26.62	28.70	2.08	1.96	94	K271011	1					
					K271012	1					Duplicate
28.70	31.30	2.60	2.50	96	K271013	1					
31.30	34.40	3.10	2.94	95	K271014	1					
34.40	37.40	3.00	2.66	89	K271015	1					
37.40	40.45	3.05	2.64	87	K271016	1					
					K271017	1					standard: CDN-ME-16
40.45	43.65	3.20	2.98	93	K271018	1					
43.65	46.20	2.55	2.55	100	K271019	1					
46.20	47.30	1.10	1.10	100	K271020	1					
47.30	47.93	0.63	0.63	100	K271021	1					vein zone
					K271022	1					Blank
47.93	50.54	2.61	2.53	89	K271023	1					weak phyllic
50.54	53.60	3.06	2.72	89	K271024	1					
53.60	57.00	3.40	2.78	82	K271025	1					
57.00	60.05	3.05	2.89	95	K271026	1					
60.05	63.09	3.04	2.25	74	K271027	1					
63.09	66.14	3.05	2.86	94	K271028	1					
					K271029	1					standard: CDN-ME-16
66.14	67.50	1.36	1.23	90	K271030	1					
67.50	69.19	1.69	1.66	98	K271031	1					
69.19	72.24	3.05	2.79	91	K271032	1					
72.24	75.29	3.05	2.82	92	K271033	1					
75.29	78.33	3.04	2.90	95	K271034	1					
78.33	80.39	2.06	1.97	96	K271035	1					
80.39	83.50	3.11	2.76	89	K271036	1					
83.50	85.87	2.37	2.31	97	K271037	2					
85.87	88.70	2.83	2.87	101	K271038	2					
88.70	91.43	2.73	2.40	88	K271039	2					
91.43	94.65	3.22	3.08	96	K271040	2					
94.65	97.04	2.39	2.27	95	K271041	2					
97.04	99.67	2.63	2.43	92	K271042	2					
99.67	101.81	2.14	2.01	94	K271043	2					
					K271044	2					Standard: CND ME-16
101.81	104.97	3.16	3.07	97	K271045	2					
104.97	107.08	2.11	2.13	101	K271046	2					
107.08	108.10	1.02	0.91	89	K271047	2					
					K271048	2					Blank
108.10	110.89	2.00	2.71	136	K271049	2					
110.89	112.04	1.15	1.13	98	K271050	2					
112.04	114.20	2.16	2.20	102	K271051	2					
114.20	115.50	1.30	1.33	102	K271052	2					
115.50	115.96	0.46	0.46	100	K271053	2					
115.96	118.56	2.60	2.57	99	K271054	2					
					K271055	2					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
118.56	121.61	3.05	3.10	102	K271056	2					*in bag with broken security strap
121.61	124.72	3.11	2.85	92	K271057	2					*in bag with broken security strap
					K271058	2					Duplicate
124.72	126.28	1.56	1.48	95	K271059	2					
126.28	127.49	1.21	1.33	110	K271060	2					
127.49	129.54	2.05	1.78	87	K271061	2					
129.54	132.42	2.88	2.85	99	K271062	2					
					K271063	2					Standard: CDN-ME-16
132.42	134.34	1.92	1.81	94	K271064	2					
134.34	136.24	1.90	1.86	98	K271065	2					
136.24	136.69	0.45	0.45	100	K271066	2					
136.69	139.29	2.60	2.53	97	K271067	2					
139.29	142.20	2.91	2.77	95	K271068	2					
142.20	142.46	0.26	0.26	100	K271069	2					
142.46	145.39	2.93	2.90	99	K271070	2					
145.39	148.44	3.05	3.00	98	K271071	2					
148.44	151.00	2.56	2.56	100	K271072	2					
151.00	152.00	1.00	1.00	100	K271073	3					
					K271074	3					Blank
152.00	153.64	1.64	1.63	99	K271075	3					
153.64	154.71	1.07	1.06	99	K271076	3					
154.71	157.58	2.87	2.76	96	K271077	3					
157.58	160.00	2.42	2.44	101	K271078	3					
160.00	162.21	2.21	2.26	102	K271079	3					
162.21	163.68	1.47	1.53	104	K271080	3					
163.68	165.56	1.88	1.88	100	K271081	3					
					K271082	3					Standard: PL-2
165.56	167.17	1.61	1.60	99	K271083	3					
167.17	168.35	1.18	1.17	99	K271084	3					
168.35	170.29	1.94	1.90	98	K271085	3					
170.29	171.94	1.65	1.66	101	K271086	3					
171.94	175.18	3.24	3.20	99	K271087	3					
					K271088	3					Duplicate
175.18	177.00	1.82	1.68	92	K271089	3					
177.00	178.92	1.92	1.88	98	K271090	3					
178.92	181.97	3.05	3.05	100	K271091	3					
181.97	185.01	3.04	3.00	99	K271092	3					
185.01	188.06	3.05	2.95	97	K271093	3					
188.06	189.56	1.50	1.41	94	K271094	3					
189.56	192.20	2.64	2.70	102	K271095	3					includes 60cm FEL porphyry
192.20	193.46	1.26	1.26	100	K271096	3					includes 2 BX A veins
193.46	194.40	0.94	0.94	100	K271097	3					
194.40	195.00	0.60	0.63	105	K271098	3					
					K271099	3					Blank
195.00	196.36	1.36	1.46	107	K271100	3					BXA zone
196.36	197.58	1.22	1.17	96	K271101	3					
197.58	200.25	2.67	2.57	96	K271102	3					
					K271103	3					Standard: CDN-ME-16
200.25	201.61	1.36	1.42	104	K271104	3					
201.61	203.51	1.90	1.95	103	K271105	3					
203.51	204.89	1.38	1.40	101	K271106	3					
204.89	207.14	2.25	2.00	89	K271107	3					
207.14	209.40	2.26	2.24	99	K271108	3					
209.40	212.45	3.05	3.02	99	K271109	4					
212.45	213.96	1.51	1.49	99	K271110	4					
213.96	216.00	2.04	1.66	81	K271111	4					
216.00	216.62	0.62	0.55	89	K271112	4					
					K271113	4					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
216.62	217.34	0.72	0.93	129	K271114	4					
217.34	219.20	1.86	0.17	9	K271115	4					
219.20	221.00	1.80	1.93	107	K271116	4					
221.00	222.60	1.60	1.57	98	K271117	4					
222.60	223.44	0.84	0.83	99	K271118	4					
223.44	224.70	1.26	1.24	98	K271119	4					
224.70	225.80	1.10	1.14	104	K271120	4					
					K271121	4					Blank
225.80	227.69	1.89	1.65	87	K271122	4					
227.69	230.07	2.38	2.45	103	K271123	4					
230.07	232.80	2.73	2.66	97	K271124	4					
232.80	233.78	0.98	0.95	97	K271125	4					
					K271126	4					Duplicate
233.78	236.93	3.15	3.01	96	K271127	4					
236.93	238.71	1.78	1.89	106	K271128	4					
238.71	240.71	2.00	2.04	102	K271129	4					
240.71	242.93	2.22	2.12	95	K271130	4					
242.93	245.97	3.04	3.05	100	K271131	4					
					K271132	4					Standard: CDN-ME-16
245.97	249.02	3.05	3.04	100	K271133	4					
249.02	250.32	1.30	1.35	104	K271134	4					
250.32	251.66	1.34	1.33	99	K271135	4					
251.66	254.05	2.39	2.38	100	K271136	4					
254.05	256.30	2.25	2.23	99	K271137	4					
					K271138	4					Standard: CDN-ME-16
256.30	257.70	1.40	1.34	96	K271139	4					
257.70	258.72	1.02	1.00	98	K271140	4					
258.72	259.16	0.44	0.45	102	K271141	4					
259.16	260.05	0.89	0.89	100	K271142	4					
260.05	262.63	2.58	2.57	100	K271143	4					
262.63	263.98	1.35	1.37	101	K271144	4					
263.98	266.06	2.08	2.12	102	K271145	5					
					K271146	5					Standard: CDN-ME-16
266.06	267.16	1.10	1.12	102	K271147	5					
267.16	270.08	2.92	2.95	101	K271148	5					
270.08	272.96	2.88	2.90	101	K271149	5					
272.96	274.76	1.80	1.75	97	K271150	5					
274.76	275.52	0.76	0.77	101	K271151	5					
275.52	276.64	1.12	1.04	93	K271152	5					
					K271153	5					Blank
276.64	277.26	0.62	0.62	100	K271154	5					
277.26	280.22	2.96	2.84	96	K271155	5					
280.22	282.55	2.33	2.39	103	K271156	5					End Of Hole

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-12

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00				
6.00				
7.00				
8.00				
9.00				
10.00				
11.00				
12.00			15.76	
13.00			12.1	
14.00			0.392	
15.00			1.506	
16.00			18.98	
17.00			17.48	
18.00			0.443	
19.00			1.02	
20.00			0.232	
21.00			0.197	
22.00			5.092	
23.00			5.786	Broken Up
24.00			15.84	
25.00			15.34	
26.00			1.655	
27.00			18.01	
28.00			18.62	
29.00			15.77	
30.00			14.01	
31.00			0.528	
32.00			24.33	
33.00			22.81	
34.00			24.73	
35.00			0.74	
36.00			18.04	
37.00			22.93	
38.00			22.05	
39.00			15.65	
40.00			12.1	
41.00			20.2	
42.00			19.6	
43.00			1.364	
44.00			21.04	
45.00			13.55	
46.00			22.99	
47.00			0.296	
48.00			0.289	
49.00			0.406	
50.00			0.394	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			5.594	
52.00			8.333	
53.00			18.83	
54.00			20.05	
55.00			4.217	
56.00			22.08	
57.00			2.992	
58.00			24.24	
59.00			23.08	
60.00			24.43	
61.00			21.78	
62.00			22.99	
63.00			11.22	
64.00			20.92	
65.00			20.54	
66.00			0.514	
67.00			4.222	
68.00			20.02	
69.00			14.08	
70.00			17.56	
71.00			3.529	
72.00			19.77	
73.00			21.2	
74.00			18.37	
75.00			23.7	
76.00			21.25	
77.00			14.78	
78.00			9.684	
79.00			0.256	
80.00			0.31	
81.00			0.203	
82.00			0.275	
83.00			0.395	
84.00			0.26	
85.00			0.274	
86.00			0.165	
87.00			9.119	
88.00			3.827	
89.00			10.74	
90.00			13.78	
91.00			25.04	
92.00			27.98	
93.00			31.45	
94.00			36.72	
95.00			36.53	
96.00			36.75	
97.00			32.01	
98.00			35.08	
99.00			30.78	
100.00			25.47	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			28.37	
102.00			1.932	
103.00			1.096	
104.00			1.156	
105.00			23.06	
106.00			25.75	
107.00			18.22	
108.00			0.448	
109.00			15.4	
110.00			11.44	
111.00			0.416	
112.00			8.263	
113.00			25.46	
114.00			23.07	
115.00			7.923	
116.00			0.463	
117.00			0.247	
118.00			0.489	
119.00			25.6	
120.00			26.62	
121.00			17.2	
122.00			14.15	
123.00			13.8	
124.00			15.43	
125.00			0.734	
126.00			4.023	
127.00			28.06	
128.00			33.7	
129.00			12.47	
130.00			23.36	
131.00			26.21	
132.00			23.19	
133.00			4.472	
134.00			24.58	
135.00			4.638	
136.00			2.684	
137.00			18.07	
138.00			21.19	
139.00			2.702	
140.00			17.13	
141.00			27.16	
142.00			24.73	
143.00			21.24	
144.00			41.98	
145.00			22.2	
146.00			28.35	
147.00			27.37	
148.00			29.72	
149.00			21.46	
150.00			21.83	

Depth (m)	Unit	Modifier	magnetic Susceptibility	DESCRIPTION
151.00			8.52	
152.00			0.454	
153.00			0.403	
154.00			0.323	
155.00			0.344	
156.00			0.504	
157.00			0.206	
158.00			10.76	
159.00			0.756	
160.00			0.784	
161.00			0.811	
162.00			12.46	
163.00			6.64	
164.00			2.574	
165.00			13.3	
166.00			18.72	
167.00			13.07	
168.00			0.484	
169.00			7.426	
170.00			5.898	
171.00			0.502	
172.00			0.662	
173.00			0.327	
174.00			0.25	
175.00			0.237	
176.00			0.238	
177.00			0.368	
178.00			0.196	
179.00			0.224	
180.00			0.391	
181.00			0.242	
182.00			0.216	
183.00			0.258	
184.00			0.223	
185.00			0.215	
186.00			0.251	
187.00			0.214	
188.00			0.141	
189.00			0.141	
190.00			0.385	
191.00			0.36	
192.00			0.45	
193.00			0.311	
194.00			2.442	
195.00			0.249	
196.00			0.282	
197.00			0.146	
198.00			0.56	
199.00			1.815	
200.00			3.378	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			3.378	
202.00			1.251	
203.00			0.301	
204.00			0.3	
205.00			0.338	
206.00			0.363	
207.00			0.26	
208.00			0.212	
209.00			0.221	
210.00			0.182	
211.00			0.196	
212.00			0.161	
213.00			0.22	
214.00			0.148	
215.00			0.205	
216.00			0.142	
217.00			0.307	
218.00			0.25	
219.00			0.519	
220.00			0.381	
221.00			0.545	
222.00			0.534	
223.00			11.11	
224.00			0.696	
225.00			0.253	
226.00			12.59	
227.00			7.014	
228.00			11.36	
229.00			18.46	
230.00			16.36	
231.00			19.89	
232.00			15.87	
233.00			0.411	
234.00			18.56	
235.00			11.79	
236.00			24.88	
237.00			14.95	
238.00			14.62	
239.00			13.64	
240.00			12.8	
241.00			23.88	
242.00			19.46	
243.00			22.92	
244.00			13.86	
245.00			26.24	
246.00			26.09	
247.00			14.81	
248.00			27.19	
249.00			2.42	
250.00			25.3	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00	0.344			
252.00	5.59			
253.00	36.66			
254.00	17.59			
255.00	30.92			
256.00	15.55			
257.00	0.491			
258.00	0.319			
259.00	5.44			
260.00	9.46			
261.00	33.94			
262.00	24.87			
263.00	0.266			
264.00	0.256			
265.00	0.736			
266.00	0.482			
267.00	0.975			
268.00	21.11			
269.00	15.82			
270.00	18.75			
271.00	16.36			
272.00	17.97			
273.00	17.57			
274.00	18.81			
275.00	15			
276.00	0.238			
277.00	7.061			
278.00	20.42			
279.00	20.13			
280.00	19.05			
281.00	18.48			
282.00	19.96			EOH

BOX LOG

HOLE: KL-11-12

BOX	FROM (m)	TO (m)
1	0.00	15.21
2	15.21	19.28
3	19.28	23.47
4	23.47	27.60
5	27.60	31.68
6	31.68	35.66
7	35.66	39.60
8	39.60	43.68
9	43.68	48.00
10	48.00	52.30
11	52.30	56.40
12	56.40	60.42
13	60.42	64.38
14	64.38	68.41
15	68.41	72.24
16	72.24	76.14
17	76.14	79.76
18	79.76	83.60
19	83.60	87.48
20	87.48	91.45
21	91.45	95.46
22	95.46	99.77
23	99.77	103.94
24	103.94	107.92
25	107.92	112.05
26	112.05	116.21
27	116.21	120.36
28	120.36	124.32
29	124.32	128.27
30	128.27	132.14
31	132.14	136.24
32	136.24	140.63
33	140.63	144.69
34	144.69	149.00
35	149.00	153.23
36	153.23	157.58
37	157.58	161.70
38	161.70	165.82
39	165.82	169.91
40	169.91	174.09
41	174.09	178.23
42	178.23	182.62
43	182.62	186.95
44	186.95	191.31
45	191.31	195.33
46	195.33	199.58
47	199.58	203.76
48	203.76	207.63
49	207.63	212.00
50	212.00	216.06
51	216.06	219.73
52	219.73	223.44
53	223.44	227.86
54	227.86	231.80
55	231.80	236.12
56	236.12	240.28
57	240.28	244.71
58	244.71	249.02
59	249.02	253.24
60	253.24	257.65
61	257.65	262.03
62	262.03	266.20
63	266.20	270.36
64	270.36	274.76
65	274.76	279.00
66	279.00	282.55
	EOH	

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382801.02	6890232.4	1366.249	215.50 m

ZONE:

SECTION:

HOLE: KL-11-13

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (215.50m/EOH)

Casing depth: 0.00 (m) in / **out**

Drilling dates: June 07 - 14, 2011

Geology logged by: C. Chung, D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	121	33.5	-51	Ranger
44.8	34.1	-50.5	Ranger	151.49	29.7	-51	Ranger
75.28	31	-50.8	Ranger	181.96	28.4	-51	Ranger
105.76	32.2	-50.9	Ranger	212.45	30.1	-51.2	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.02	3.02	OVB	
3.02	137.23	134.21	GRD	Granodiorite with variable prop and phyllic alteration.
				Narrow sulphide veinlets with envelopes are noted.
137.23	140.81	3.58	GRD	Phyllic altered granodiorite with minor POR dyke
140.81	141.52	0.71	BXA	Breccia contact to dyke; disseminated pyrite
141.52	156.47	14.95	POR	Quartz-feldspar porphyritic dyke; no significant sulphi
156.47	158.29	1.82	BXA	Breccia contact to dyke; disseminated sulphides.
158.29	159.11	0.82	GRD	Clay altered granodiorite
159.11	160.61	1.50	POR	Quartz-feldspar porphyritic dyke; no significant sulphi
160.61	167.46	6.85	GRD	Phyllic altered granodiorite with minor "breccia veins"
167.46	172.99	5.53	POR	Quartz-feldspar porphyritic dyke; no significant sulphi
172.99	196.82	23.83	GRD	Phyllic granodiorite with mineralized veinlets
196.82	201.07	4.25	POR	Quartz-feldspar porphyritic dyke; brecciated contacts
201.07	207.87	6.80	GRD	Phyllic granodiorite with "breccia veins"
207.87	215.5	7.63	GRD	Fresh granodiorite
				EOH @ 215.50m

SAMPLES

Numbers: K271301 - K271419

Total: 119

Batch: DDH-13-01 - 04

Date Sent: B1 (06-23); B2-4 (07-04)

Certificate:

COMMENTS

EOH @ 215.50m
Hole abandoned due to drilling problems.

GEOLOGY LOG

HOLE KL-11-13

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
0.00	3.02	3.02				OVB	BN					x															Overburden; Unconsolidated soils and strongly weathered bedrock. OCcasinal boulders of weakly propylititc altered granodiorite noted.
			0.47	1.00	0.53	GRD	GNGY																				Moderately propylitic altered granodiorite boulde
			2.42	2.89	0.47	GRD	GNGY	BK																			Propylitic granodiorite boulder
3.02	7.40	4.38				GRD	ORBN	BK	tw	tw		l			FX	60-70		6							Li		Weathered Granodiorite; Orange-brown, moderate-strongly oxidized, medium-coarse grained granodiorite. Oxidation is pervasively moderate, increasing at fractures. Trace-weak phyllic with trace weak clay overprint. Blocky core rock.
							BG								VT	50-60	1.0	3							Cb		Weak-moderate veinlet density, two types. First is cream-white quartz-carbonate veinlets. Second type is dark grey irregular stringers (<1cm), possible hematite(?). Preferred orientation for both at 50-60° to core axis.
							DKGY								VT	50-60	<1	3						t?			
																			t	t							Trace total sulphides, appear to be finely disseminated pyrite, throughtout the matrix.
			5.08	6.13	1.05	VN?			m	f	m								tw	t	t?			t			Zone of decreased oxidation and increasec silicification, possible veining(?). This interval has what appears to be brecciated textures. Areas of boxwork textures have increased oxidation. Trace-weak sulphides noted. Dominantely pyrite with rare arsenopyrite(?). No measureable orientation noted. Zone ends in an interval of moderate phyllic altered granodiorite.
7.40	21.52	14.12				GRD	GNGY		t			w			FX	35-60									Li		Granodiorite; Weakly propylitic altered granodiorite with patchy zones of weak-moderate phyllic alteration. Oxidation noted, generally along veining/fracture structures. Core rock is fairly competent with fracturing dominatly at 35-60° to core axis.
								EN				m			VT	55-70	1.0	2									Moderate veining density, generally narrow stringers (<1cm) often with weak-moderate oxidation envelopes (up to 0.5cm wide); some appear to be fractures and decreases in density moving downhole
															FX	30-60		3									
																			t	t							Trace sulphides noted throughout the interval, generally occuring as pyrite blebs (<1.5cm across), often noted to be associated to veining/fracture structures.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
			10.36	11.05	0.69		ORBN			f		m			C	50									Li		Interval of increased clay/argillic alteration. Broken upper contact, lower "contact" at ~50° to core axis. Increased oxidation with limonite on fracture surfaces. No significant changes in mineralization.
			11.67	13.09	1.42		LTGN		w			m			FX		<1	6									Increased phyllic alteration with slight increase of fractures with oxidation envelopes. "Contacts" at ~50° to core axis.
			14.59	15.55	0.96		MDBN		tw	t		w															Increased oxidation. One large fracture running sub parallel to core axis noted. Trace phyllic with possible clay alteration.
			17.84	18.29	0.45		LTGN		tw																Li		Interval of blocky core rock with increased oxidation and phyllic atleration. Weak limonite noted on fracture surfaces. Possible trace potassic overprint(?).
21.52	31.15	9.63				GRD	GYGN								FX		<1	4									Granodiorite; Relatively "fresh" granodiorite. Very weakly propylitic alltered, increasing moving downhole. Fairly competent core rock with feractures at ~20° and ~60° to core axis. Fracture surfaces often coated with trace amounts of limonite. Occasional mafic xenolith (up to 5cm across) with rounded contacts, makes up <1% of matrix.
															VT	60-70	<1	2							Cb		Low veining density, domionantly narrow carbonate veinlets (<1cm wide), often with weak phyllic envelopes (up to 1cm wide), generally at ~60-70° to core axis.
																			t	t							Trace sulphide mineralization noted, mainly as small pyrite blebs and generally noted in association with veinlets and envelopes.
			24.46	24.56	0.10	FEL	PK	FG					pot?	t?	DY	75	1.0										Narrow pink felsic dyke, ~1cm wide. Aplite(?)
			25.57	25.62	0.05		DKGN								VT	55	<1	2									Dark grey narrow veinlets with moderate propylitic envelopes. No significant changes in mineralization
			27.10	31.15	4.05		LTGN																				From 27.10-31.15m, slight increase in phyllic alteraton with possible weak potassic overprint(?). Gradational contact into unit below.
31.15	34.20	3.05				GRD	LTGN		tw						FX	30-45	<1	2									Granodiorite; Weakly propylitic altered granodiorite. Weak-moderate phyllic alteration, generally associated with veining structures. Low fracture density, at ~30-45° to core axis.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other		
							DKGY								VT		<1	2		t								Weak-moderate veining density, two preferred orientations at ~35° and ~75° to core axis. Dark grey veilets (<0.3cm) and irregular white carbonate stringer (<0.1mm). Pyrite present in weak amounts in dark grey veinlet.
							BFWH								VT	70	<1	3										
																			t	t								Trace mineralization, dominantly finely disseminated pyrite within phyllic zones.
			31.89	32.02	0.13		MDGN	EN	w		t	t												f?				Dark grey sulphide bearing veinlet with moderate propylitic and phyllic altered envelopes (up to 2cm wide). Possible trace potassic overprint(?). Disseminated pyrite, sphalerite and possible hematite(?).
															VT	65	0.3			tw		m						
			32.30	32.39	0.09		MDGN	EN	w		t	t	pot	t?					tw									Quartz-carbonate veinlet (1.5cm) with weak-moderate phyllic envelopes (5cm wide). Disseminated pyrite noted in envelopes while veinlet carries sphalerite and pyrite blebs (<1cm across).
															VT	82	1.5			tw		f			Cb			
			33.07	33.12	0.05		MDGN	EN	w			t	pot	t?														Quartz-carbonate veinlet with weak-moderate phyllic and weak potassic overprint. Disseminated pyrite noted.
															VT	85	0.2			m								
34.20	40.07	5.87				GRD	LTGY								FX	40-45		3							Li			Granodiorite; "Fresh" granodiorite with trace amounts of limonite on fracture surfaces. Fairly competent core rock with low fracturing density, oriented at ~40-45° to core axis. Little to no significant veining. No signicant mineralization.
			35.82	35.88	0.06		MDGN	EN	w				pro	tw														Dark grey veinlet (0.3cm) with propylitic and moderate phyllic envelopes (up to 1.5cm wide). Trace-weak disseminated pyrite noted in envelopes.
															VT	60	0.3			tw								
40.07	48.73	8.66				GRD	GNGY		t			t	pro	t	FX			4							Li			Weakly Propylitic Granodiorite; Weakly propylitic altered granodiorite. Limonite staining noted on fracture surfaces. Moderate fracturing generally at ~35° and ~65° to core axis.
							DKGY								VT			5										Low-moderate veining density, generally occuring in clustered zones. Mainly dark grey in colour but white quartz-carbonate veinlets also noted. Generally at ~60° to core axis.
							WHBF								VT			1										
																			tw	tw								Trace suphide mineralization, mainly assoicated with veinlets and occurs as disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other																
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
			41.33	41.41	0.08		BFOR	EN				w	pot?															Interval of mixed grey and white veinlets with envelopes that appear to be weak-moderately oxidized. Wekaly gradational contacts at ~85° to core axis. Pyrite carried in veinlets as elongated blebs and occurs as disseminations in envelopes.
							GYWH								VT	85	0.2			w								
			46.52	47.86			LTGN	EN	f			w							f	w								Moderately phyllic altered interval with increased oxidation. No significant changes in veinlet density. Increased disseminated pyrite throughout matrix.
															VT	40	<1	6										
48.73	53.18	4.45				GRD	ORBN		f	tw		w			FX										Li			Granodiorite; Weak-moderate phyllic altered oxidized granodiorite. Weakly blocky core rock with low angle fractures sub-parallel to core axis.
							BFWH								VT		<1											Moderate veining density, appears to dominantly be quartz-carbonate fracture infill, prefered orientation a ~40-50° to core axis.
																			t	t								Trace amount of disseminated pyrite, decreasin downhole.
			49.30												VT	65	0.4			tw			tw					At 49.30m broken dark grey veinlet noted, carrying fine galena and pyrite.
			51.96	52.86	0.90		DKGB		t			tw	pro	tw														Interval of decreased oxidation and phyllic alteration. Has weak propylitic appearance.
53.18	65.53	12.35				GRD	GYDN		t				pro	t														Weak Propylitic Granodiorite; similar to 40.07-48.73m. Propylitic altered granodiorite with locallized zones of moderate-strong phyllic patches, mostly associated with veining structures.
							DKGY								VT		<1											Two types of veinlets (dark grey and white quartz carbonate) General orientation at ~40-60° to core axis.
							WHBF								VT		<1								Cb			
																			t	t								Trace sulphides mineralization; fine disseminated pyrite noted, often in phyllic zones.
			53.30	53.45	0.15		LTGN	EN	w	tw					C	70	3.0											Moderate phyllic envelope surrounding a white quartz veinlet. Oriented at ~70° to core axis. Trace disseminated pyrite throughout envelope.
							WHBF								VT	70	0.3		t	t								
			57.61	57.75	0.14		ORBN	EN	w			w					2.5											Similar to 53.30-53.45m with increased oxidation along phyllic envelope. Oriented at ~85° to core axis No significant mineralization.
							BFWH								VT	85	1.0											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other		
			58.50	59.00	0.50		LTGN		m	tw		t																Moderate phyllic altered zone with veinlets (0.2-1cm) infilled with quartz-carbonate. Trace dissminated pyrite generally along veinlets.
															VT	50-85	<1	8	t	t								
			62.74	62.93	0.19	APL	PKBN	FG							DY	36												Minor interval of aplite dyke
			64.93	65.16	0.23	APL	PKBN	BK							DY	47												Interval of aplite dyke, core rock is shattered and broken up due to drill processes. Upper contact at ~ 45˚ to core axis, lower contact lost.
65.53	67.36	1.83				GRD	GNGY		tw	f		t			FX	45		2										Altered granodiorite; Mixed light and dark greer phyllic altered granodiorite with clay overprint. Clay altered zones have bleached bleached appearence and makes up ~ 70% of this interval. Core rock is fairly competent with minor fracturing at ~45˚ to core axis. No significant veining structures and sulfide mineralization.
			66.11	67.10	0.99		LTGN	EN	f						VT	83	5.0		tw	tw								Interval of increased phyllic alteration, likely envelope to veinlet. Veinlet (~5cm wide) made up of mixed infill material (quartz, carbonate-quartz) with irregular contacts. Disseminantly pyrite noted throughout envelope and vein material.
67.36	70.64	3.28				GRD	GYEN		tw				pro	tw	FX	30		4										Granodiorite; Meduim grey-green granodiorite with grey-white carbonate fracture infill. Moderate fracturing at ~30-35˚ tca. No significant veining. Several large mafic zenoliths (<10cm across) noted, showing regular contacts.
																			tw	tw								Disseminated pyrite noted throughout
			69.12	70.07	0.95		LTGN		f				pot?															Interval of increased phyillic alteration. Stringers (<0.2cm) present, prefered orientation at ~83 and ~34˚ tca. No significant sulfide mineralization noted.
			70.07	70.29	0.22	BXA	DKGY		w																			Dark grey, moderate phyllic altered breccia. Fragments are angular - subangular and elongated ranging from 0.1cm-3cm in size. No measurable contacts, core rock has broken and rounded edges.
																				m								Pyrite occurs as blebs (<1cm) and fine dissemination.
			70.29	70.41	0.12		LTGN		w											tw								Light green zone of increasesd phyillic alteration. Blocky core rock with rounded fragments due to dull drilling. Trace weak sulphide mineralization (pyrite).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other																
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other		
70.64	72.47	1.83				GRD	WHEN		m																		Phyllic altered granodiorite; Light yellow green moderatly phyllic altered meduim grained granodiorite. Upper contact is gradational for 25cm from previous unit.
								DI							VT	35	2cn	1		tw							Veinlets (0.1-2.0cm) of white (quartz-carbonate) and dark grey parralelling each other at ~35. Disseminated pyrite noted throughout.
72.48	73.80	1.32				GRD	WHPK			w		tw	pot?														Clay altered granodiorite; White/pink/grey, weak to moderatly bleached, moderatly clay altered granodiorite. Oxidation along fracture surfaces present at top of interval. No visible veining or sulphide mineralization.
			73.10	73.41	73.41		GNGY	EN	w																		Weak phyllic alteration
															VT	85		1									White quartz-carbonate (2-3cm) veinlets and dark grey stringers oriented ~85 tca.
73.80	80.66	6.86				GRD	GYGN																				Granodiorite; Fresh grey-green granodiorite with weak limonite staining on fracture surfaces at top of the interval. There is one large mafic zenolithis 13cm across. No visible sulphide mineralization.
			74.38	77.2	2.82		LTGN	DI	w	w																	Light grey, weak phyllic and clay altered granodiorite with weak trace amounts of disseminated pyrite
															VT	86	2cm										White-grey quartz (0.2-2cm), and dark grey (0.1cm) veinlets.
			78.57	78.78	0.21		GYGN			w																	Grey-green clay altered granodiorite with no visible sulphide mineralization.
			78.78	79.76	0.98		GN		w																		Pale green phyllic altered granodiorite with no visible sulphide mineralization.
															VT	70	1cm	5									White quartz veinlets (0.1-1cm)
			79.76	79.93	0.17		GYGN			w																	Grey-green clay altered granodiorite with no visible sulphide mineralization.
			80.36	80.66	0.30		GYGN			w																	Grey-green clay altered granodiorite with no visible sulphide mineralization.
80.66	97.76	17.10				GRD	YWGN		f	w																	Phyllic altered Granodiorite; Yellow-green fairly phyllic atlered granodiorite with patchy zones of weak bleached clay alteration. Slightly blocky core rock with fracturing at ~35° and ~60° to core axis.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
							WH								VT	30-50	<1	5							Cb		Moderate veining density, several styles. Cream-white narrow quartz-carbonate veinlets, often <1cm wide generally barren but have pyritic envelopes. Medium grey quartz veinlets (<2cm), some with irregular contacts at high angles to core axis. Polymetallic veins also present, often with a mixed matrix of quartz and carbonate, up to ~3cm wide. This type of veining often has brecciated textures.
							LTGY						pro	w	VT	50-70	<2	3							Qz		
							MT								VT	50-70	<3	1		f	f	f	w				
																				w	tw	t	t				Moderate sulphide mineralization, dominantly disseminated to blebby pyrite, decreasing downhole. Other metals generally occur within vein structures.
			83.77	84.96	1.19		MDGN			t			pro	f					t	t							Interval of decreased bleaching, decreased clay with increased propylitic alteration. Possible weak potassic(?). Slightly faulted, broken section. Narrow cream carbonate veinlets with weak-moderate phyllic envelope. Trace to none disseminated pyrite.
			84.96	85.49	0.53		LTGN			tw																	Slight decrease in clay alteration with increased irregular dull grey quartz veinlets, mostly barren at ~60° to core axis. Trace pyrite in this sub-interval.
							GY								VT	60	<2.5	4									
			87.69	87.91	0.22	VEN	WHGY	SU							VN	35	12.0		t	t							Grey-white quartz-minor carbonate veins crosscut by later cream coloured carbonate veinlets. Five disseminated pyrite noted as discontinous stringers in vein.
			89.61	89.72	0.11	VEN	MT		f	tw					VN	40	7.0			s		x	tw				Polymetallic quartz vein with slightly increased phyllic altered enveloopes. Sulphides dominated by dark brown sphalerite followed by pyrite then galena.
			89.87	90.10	0.23		DKGY	BX	tw	t	m				C	40				tw							Minor brecciated(?) zone, with dark grey silicified(?) matrix. Angular fragments of carb veinlets noted. Distinct lower contact at ~40° to core axis. Possible quartz vein(?). Weakly vuggy matrix with blebby pyrite.
			90.85	91.22	0.37		DKGY			t					VN	35	<2	3		m			x				Interval of increased plymetallic sulphdies veins.veinlets. Sulphides generally carried in dull grey quartz and buff cream carbonate. These vein structures are cross-cut by pale green white carbonate veinlets. Sulphides dominated by galena then pyrite.
															VT	55-65	<1	2		t					Cb		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
			91.83	91.93	0.10	VEN	MT		t	t					VT	70	3.0			m	f?		m					Polymetallic vein bearing galena flanked by pyrite and arsenopyrite.
			92.18	92.44	0.26										VT		<4	4		w	f?		t					Similar to 90.85-91.22m. Interval with increased sulphide bearing quartz veinlets. Dark grey silicified(?) matrix. Arsenopyrite occurs as bands while pyrite is present as blebs (<0.7cm). Trace-weak galena also noted.
			92.88	93.95	1.07	BXA	DKGY								C	75				m								Minor breccia unit. Dark grey matrix with large angular clasts of granodiorite (<2cm across). Blebby pyrite throughout matrix.
			94.00	94.87	0.87		LTGN		w	m					VT	45	<0.5	6	t	t								Light green, moderately bleached, moderately phyllic altered. Small narrow grey veinlets. Decreased sulphides.
			95.72	95.76	0.04		MDGN		tw		f				VT	50				f								Zone of mixed veinlets; creams white carbonate and dark grey quartz. Blebby and disseminated pyrite.
			96.38	96.47	0.09	VEN			w						VN	50	3.0			f	t	x						White-grey quartz vein vearing sphalerite and pyrite with minor cream carbonate. Slightly stronger phyllic altered envelopes. Trace-minor arsenopyrite.
			96.62	97.72	1.10		LTGN		w	m										t								Similar to 94.0-94.87m, Light green bleached section. Decreased disseminated pyrite.
97.76						GRD	GNGY		t	t			pro	tw	FX	20-60												Granodiorite; Weak-none variably propylitic altered granodiorite with gradational contacts. Patchy zones of weak-moderate phyllic alteration, making up approximately 20-30% of the interval. Competent core rock with minor broken zones.
							DKGY								VT	20-50	<0.5	1										Low veining density, often occurring as dark grey quartz or cream white carbonate veinlets. Generally associated with narrow phyllic envelopes.
							BFWH								VT	40-70	<1	2										
								DI											tw	tw	t?							Trace-minor disseminated sulphides noted throughout the matrix, dominately pyrite with possible arsenopyrite. Mineralization tendes to occur in phyllic zones.
			98.38	98.88	0.50		LTGN	EN?	f				pro	tw						tw								Zone of increased phyllic alteration, possible veir envelope(?). Matrix has very weakly bleached appaearance and possible potassic flooding. Minor irregular quartz and carbonate veinlets present. Slight increase in disseminated to blebby pyrite, generally along veining structures.
							WH								VT	45-70	<1	6										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									Photo	DETAILED DESCRIPTION
													Other																
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other		
			101.97	103.02	1.05		GN	EN?	tw				pro	w	FX	20												Interval of patchy propylitic and phyllic alteration, often surrounding narrow veining structures. Slightly more broken section with low angle fracturing.
			105.08	106.78	1.70		LTGN		tw				pro	w														Similar to 101.97-103.02m. Patchy phyllic envelopes to narrow veinlets with zones of increased propylitic and possible weak-trace potassic(?). Narrow white and grey veinlets common with irregular contacts. No significant increase in sulphides; pyrite often assoicated with veinlets.
															VT	50-75	<0.5	10	t	t		t						
			108.63	111.05	2.42					tw			pro	tw	FX	40-50		10										Blocky, borken zone, slight increased propylitic alteration in locallized zones, with weak clay overprint.
			111.18	111.20	0.02	APL	PK		tw						DY	65	2.0											Narrow aplite dykelet
			113.01	116.39	3.38		GN				t		pro	w					tw	t								Interval of increased propylitic alteration with weak silica flooding. Several irregular white quartz veinlets noted. Slight increase in disseminated sulphides. Trace sphalerite noted in veinlets.
															VT	30-40	<1	3				t						
			116.92	117.62	0.70		LTGN	EN	w	w									tw									Interval of increased phyllic and argillic alteration in envelopes surrounding quartz-carbonate veinlets. Trace-weak sulphides, dominantly pyrite. Sphalerite present in veinlets.
							GYWH								VT	30-50	<1	3				t						
			117.79	118.15	0.36		MDGN	EN	w	tw																		Simlar to 116.92-117.92m. Phyllic envelopes around quartz-carbonate veinlet. No change in mineralization.
							BFWH								VT	50	<0.5	3										
			118.50	119.25	0.75		MDGN	EN																				Silmiar to 116.92-117.92m. Phyllic envelopes around veinlets. Slight increase in propylitic alteration. No change in pyrite content, sphalerite in veinlets.
							BFWH								VT	40	<0.5	1				t						
			119.75	120.43	0.68		GYGN		tw										t	t		t		?				Slightly increased phyllicalteration with minor veinlets. Trace sulphdies, dominantly disseminated pyrite. Rare red-brown specks (<0.1cm), possible hematite(?).
															VT	50	<0.5	2										
			123.06	123.91	0.85		GYGN	EN	tw											t								Slight increase in phyllic alteration surrounding a 3cm wide dark grey breccia vein with pyrite matrix. Narrow pyrite stringers also present. Narrow quartz-carbonate veinlets also present.
						BXA	DKGY								VN?	40	3.0			tw								
							WHBF								VT	50-70	<1	4										

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other		
			126.36	126.93	0.57		LTGY	EN	tw	tw										t							Similar to 123.06-123.91m. Phyllic envelopes around dark grey breccia veins. Shattered core rock with clay/gouge coating fracture surfaces.
						BXA	DKGY								VN?	55	<2	3?		tw			t				
			127.78	127.92	0.14		GN	EN	tw	tw					FX	35		1									Phyllic altered envelopes surround bugff carbonate veinlets. Core rock is weakly fractured with clay/gouge noted on break surfaces.
							BF			w					VT	35	0.5	2		tw							
			128.32	131.36	3.04		LTGN	EN																			DROPPED CORE RUN. Several minor veinlets with phyllic envelopes noted. Dominantly quartz-carbonate with minor pyrite stringers.
															VT	50-60	<0.5	3									
			131.61	132.26	0.65										FX	20								t			Broken interval, likely due to low angle fracturing. Clay and rubble noted on fracture surfaces. Possible trace hematite.
133.97	137.23	3.26				GRD	LTGY		t	m					FX	30-60		4									Clay Altered Granodiorite. Pale cream grey, moderately clay altered granodiorite with increasing phyllic patches moving downhole. Fairly competent core rock with low-moderately fracture density.
							BFWH								VT	60-70	<1	5							Cb		Moderate vein density, commonly cream-white carbonate-quartz with moderate phyllic envelopes.
																			t	t							Trace sulphide mineralization, generally assoicatec with veinlets and envelopes.
			134.55	134.85	0.30		GN	EN	w	f			pro	tw						t							Propylitic and phyllic envelopes to narrow quartz carbonate veinlest. Trace pyrite and possible sphalerite and hematite carried in veinlet.
							PKWH								VT	70	0.3			t		t		t?			
			135.53	136.61	1.08		GN	EN	w	w			pro	tw						t							Similar to 134.55-134.85m. Phyllic envelope zone surrounding pink-white carbonate veinlets. Trace sulphide mineralization.
							PKWH								VT	50-60	<1	6		t							
			136.18	136.26	0.08	BXA	DKGY								VN?	55				tw							Minor dark grey breccia zone. Slight increase in pyrite.
137.23	140.81	3.58				GRD	GYGN		f	tw					FX	20-50		4									Phyllic altered granodiorite. Moderately phyllic altered granodiorite. Weak-moderately competent core rock.
															VT	50-60	<6	2									Low-moderate veining density, dominantly white-grey quartz veinlets bearing sulphides.
																			t	t				t?			Trace sulphides, generally carried in veining structures. Disseminated pyrite and hematite.
			137.79	137.87	0.08	VEN	GY	VU							VN	70	7.0		s	m		tw	w				Sulphides bearing vuggy quartz with carbonate veins. 'Contact breccia" to dyke(?). Pyrite < galena < sphalerite. Vuggy calcite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
			137.87	138.41	0.54	POR	LTGN		tw	m			pro	tw	DY	40											Bleach and moderately clay altered felsic dyke, likely to be quartz-feldspar prophyry dyke. No significant sulphide mineralization.
			138.41	138.61	0.20	VEN	DKGY	BX	w				pro	tw	VT?	50	1.0		tw	tw			t?				Similar to 137.79-137.87m. Lower "contact breccia" to dyke with weak brecciated textures and minor grey gouge. Trace-weak disseminated sulphides.
			138.99	139.02	0.03	VEN	DKGY								VN	50	2.5		m	f	w						Pyrite and arsenopyrite bearing grey quartz veir
140.81	141.52	0.71				BXA	DKGY																				Breccia. "Contact breccia(?). Dark grey matrix with angular-subrounded clasts of altered granodiorite and possible fine grained altered felsic dyke unit (<3cm). Competent core rock.
							BF								VT	40-70	<0.5	3							Cb		Minor buff-pink carbonate veinlets noted
																			tw	tw							Trace-weak sulphides, dominantly fine-coarse disseminated pyrite, mostly in matrix but noted on some finer grained clasts.
141.52	143.27	1.75				POR	BFGY	CR		tw					DY	45-55										x	Contact zone between breccia and dyke. Crackled felsic dyke infilled by dark grey breccia matrix and pale pink carbonate. Felsic rock is quartz-feldspar porphyry and is banded at the top of the interval and becomes more crackled texture moving downhole. Dark grey infill carries trace disseminated pyrie. No significant mineralization in dyke rock.
							DKGY								BX					t							
							LTPK								BX										Cb		
143.27	146.61	3.34				POR	LTGN	PO		tw			pro?		DY	60											Bleached felsic dyke. Pale green, bleached quartz-feldspar porphyry dyke. Weak-fair pervasive clay alteration throughout interval. Fairly competent core rock. No significant sulphides.
															VT?	65-70	<0.2	2									Faint dark green stringers (<0.1cm) noted with possible chlorite(?).
			144.45	146.61	2.16			BK																			MISLATCHED CORE RUN. Core rock is blocky due to drilling. Minor gouge/clay noted on surfaces. Two dark grey breccia bands noted. Trace sulphides: disseminated pyrite.
							DKGY	BX							BX					t							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
146.61	150.73	4.12				POR	BFBN	PO		t					DY	65-70											Quartz-Feldspar Porphyry Dyke. Light buff brown porphyritic quartz-feldspar dyke, slightly less altered than that at 143.27-146.61m. Core rock is slightly less competent with fractures at low-moderate (~20-60°) to core axis. One fractured noted subparallel to core axis. No significant mineralization.
															FX	20-60		5									
150.73	155.19	4.46				POR	PUBN	PO							DY	65-70											Quartz-Feldspar Porphyry Dyke. Similar to 146.61-150.73m with decreased clay alteration. Phenocrysts noted up to ~2cm across. Moderate fracturing density. No significant sulphides.
															FX	35-60		4									
			154.91	155.19	0.28		PUBF			tw																	Contact zone. Increaed clay alteration as well as los of prophyritic textures. "Chilled margins"(?).
155.19	156.47	1.28				FEL	BFGN	CR		tw					DY												Contact zone between dyke and breccia. Similar to 141.52-143.27m. Increasing crackle texture moving downhole. No significant sulphides in felsic rock. Trace-weak pyrite noted in dark grey brecciate fracture infill.
							DKGY								BX					t							
156.47	158.29	1.82				BXA	DKGY																			x	Breccia. Breccia with very dark grey matrix and angular-subrounded clasts of phyllic altered granodiorite (<10cm across). Weak-moderate competent core rock, fractures generally along clast boundaries. No significant veining.
						GRD	LTGN		w						BX												
								DI											m	f		t	t				Fair-moderate sulphides mineralization, dominantly fine-coarsely disseminated pyrite. Trace galena and sphalerite also present. Most mineralization is within the dark grey matrix.
158.29	159.11	0.82				GRD	LTGN		f	ms					GO												Clay altered granodiorite (contact zone). Strongly clay altered phyllic granodiorite. Strong alteration likely due to contact with dyke downhole. Weak, friable core rock with moderate clay content. Lower contact at ~50° to core axis.
															VT	55	<0.5	2									Medium grey fractures, possible ground up sulphides stringers(?).
																			w	tw			t				Weak mineralization, dominantly disseminated pyrite with one possible silica band with pyrite and galena.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other		
159.11	160.61	1.50				POR	GN/PU	PO	tw	f			hem	t?	DY	50											Quartz-Feldspar porphyry dyke. Weak-moderately altered felsic dyke. Moderately clay altered, decreasing moving downhole. Slightly mottled red-purple patches - possible hematite(?). Fractured blocky core rock. No significant veining or mineralization. One zone (<10cm) carries fine pyrite.
															FX	30-60		6		t								
160.61	167.46	6.85				GRD	LTGN		w				pro	tw	FX	35-60		5										Phyllic granodiorite. Weak-fairly phyllic altered granodiorite with patchy zones of stronger phyllic and propylitic alteration, often as envelopes to mineralized veinlets. Fairly competent core rocks with minor fracture density.
							DKGY								VT	50-60	<2.5	3		w			t?					Moderate veining denisty, three styles; dark grey breccia veinlets(?), grey quartz veinlets and buff-white carbonate veinlets. Mineralization generally occurs in veinlets or envelopes.
							GY								VT	60	<1	5		w						Qz		
							BFWH								VT	40	<1	2								Cb		
																				tw		t?	t					Weak-fair mineralization, dominantly disseminated pyrite in zones of veining. Possible trace sphalerite and galena in breccia veinlets.
			160.61	160.87	0.26	BXA	DKGY								C	60				w								Breccia "contact zone". Dark grey matrix with small angular granodiorite clasts (<2cm). Weak fine-medium disseminated pyrite.
			162.25	162.37	0.12	BXA	DKGY								VN?	70				tw								Breccia vein(?). Dark grey matrix with large angular granodiorite clasts (<2.5cm across). Trace sulphides.
			163.79	164.20	0.41		GN	EN	w	tw	tw																	Similar to 162.25-162.37m. Breccia vein(?) preceeded by silica flooded vein/zone with large moderate-strong phyllic and weak clay envelopes. Slightly smaller clasts than unit uphole.
			164.00	164.12	0.12	BXA	DKGY								VN?	60	12.0											
			164.46	164.72	0.26		GN	EN												w								Similar to 16.79-167.20m. Dark grey breccia veinlet with small angular clasts. Pyrite stringers noted in alteration envelope and idsseminated grains in breccia.
						BXA	DKGY		w						VT?	75	2.5			tw								
			164.94	165.46	0.52		GN	EN	w				pro	tw														Similar to 163.79-164.20m. Brecciated zone with two "breccia veins" in weak-moderate phyllic and propylitic envelope. Weak-fair disseminated pyrite.
						BXA	DKGY								VT?	50	<3	2		w	t?							
			167.05	167.46	0.41		MDGY			tw	f				C	50			m	f		t?						"Contact zone" with weak-moderate silicification. Increased fine sulphides, dominantly pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
167.46	172.99	5.53				POR	BFTN	PO	w				hem	t?	DY	50											Clay altered quartz-feldspar porphyry dyke. Mottled buff green and brown, moderately clay (and possible hematite?) altered felsic dyke. Blocky core rock with fractures at ~60° to core axis and occassional zones of clay and gouge (up to ~10% of interval), possible fault zone. No significant sulphide mineralization.
															FX	60		7									
															VT	30	<0.5	2									Minor veining, decreasing density moving downhole.
			171.80	172.99	1.19		BNRD	CR							GO												Blocky, shattered core rock. Crackle texture with grey gouge on fracture surfaces.
172.99	196.82	23.83				GRD	BFGN		w	tw			pro	t	FX	20-40											Phyllic altered granodiorite. Buff green moderately phyllic altered granodiorite. Fairly competent core rock with minor fracturing.
							MDGY								VT	25-55	<1	7							Qz		Moderate veining density, grey-dark grey quartz veinlets commonly noted, often with weak silica and increased phyllic envelopes. Narrow irregular carbonate veinlets also present.
							BFWH								VT	30-50	<0.5	3							Cb		
																			tw	tw		t	t				Trace-weak overall sulphides, dominantly finely disseminated pyrite with trace arsenopyrite, galena and sphalerite. Generally occuring in vein envelopes.
			172.99	173.46	0.47		DKGY	BX?							C?	55				w							Mixed "contact zone", possilbe clasts of dark marroo quartz-feldspar porphyry dyke or very minor breccia interval(?). Slightly increase in disseminated pyrite.
			175.24	176.05	0.81		DKGY	VU							VT?	50-60	1.0	6									Interval of several dark grey bands with slight increase in phyllic alteration forming envelopes. Veinlets(?) have weak vuggy textures.
			176.92	177.34	0.42	BXA	DKGN				w									ms							Silicified breccia. Medium-dark grey matrix with alteration granodiorite clasts (<3cm across). Increased sulphides.
			178.35	180.06	1.71								pot?							m							Possible hematite or potassic alteration(?). Red brown colouring appears to be generally along veining structures. Increased sulphides.
			178.82			VEN									VN	40	2.5			w			t				Light grey quartz vein bearing pyrite and galena
			179.80			VEN									VN	65	3.5			tw							White grey quartz vein bearing pyrite
			181.32	181.61	0.29		LTGN				w																Moderately silicified zone, likely alteration envelope for mineralization veining. Matrix is fairly fine grained.
			181.36			VEN	DKGY								VT	80	1.5										Grey quartz veinlet with sharp contac
			181.36			VEN	MT								VN	75	3.0			w	m	tw					Sulphide bearing white quartz vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
			182.80	183.15	0.35			EN	w	tw																	Similar to 175.24-176.05m. Interval with increased veining. Sulhpide bearing vuggy veinlet zone - quartz mixed with carbonate.
							WH/MT	VU							VT	35-50				w	w	t					
			184.52	184.65	0.13		WH/MT	VU							VT	70	<2			tw	w						Vuggy quartz-carbonate vein carrying sulphide bands.
			185.03	185.92	0.89			EN	tw		t																Interval of increased dark grey veining. Grey quartz veinlets that carry disseminated pyrite and trace arsenopyrite(?).
							GY								VT	55	<2	8		tw	t?						
			185.92	188.13	2.21		GNBN						pot?							tw							Interval with red-brown colouring - clay and possible potassic alteration(?). Slight increase in disseminated pyrite.
			188.13	188.50	0.37		LTGN	EN																			Similar to 185.03-185.92m. Slightly stronger phyllic envelopes to grey quartz veins carrying pyrite and arsenopyrite and galena.
							GY								VT	65	<1	3		w		t	t				
			189.28	190.74	1.46					w										tw							Slight increase in clay alteration - weak gouge present on fracture surfaces. Narrow grey veinlets likely ground up sulphides veinlets. Low-moderate fracturing noted (~20-60° to core axis).
															FX	20-60		4									
			194.21	194.35	0.14	BXA	DKGY								VN?	40				w							Breccia "vein". Dark grey matrix with large altered granodiorite angular clasts (up to 3cm). Disseminated pyrite.
			194.91	195.05	0.14		MDGN	EN	w		t?																Mineralized veinlet with large phyllic altered envelopes.
							MT								VT	65	0.3			f	t	tw					
			195.14	195.18	0.04	BXA	DKGY								VT?	35	2.0										Breccia "vein". Fairly large angular clasts. Finely disseminated pyrite throughout dark grey matrix.
			195.85	195.91	0.06	VEN	GY/MT								VN	55	6.0		s	m	f						White and grey quartz mineralizerd vein
			196.02	196.20	0.18	BXA	DKGY			tw	t				VN?	60											Dark grey breccia "vein". Small angular clasts (<1cm). Contacts are moderately clay altered and show weak gouge zones. Trace sulphides.
															GO		<0.5			tw							
			196.61	196.82	0.21		MDGN		w				pro	m	C	60				w							"Contact zone". Strongly propylitic (and phyllic?) atlered. Slight increase in fine-medium disseminated sulphides.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	
196.82	201.77	4.95				POR	BFBN	PO		w					DY	55											Quarz-Feldspar Porphyry Dyke; Pale green-brown porphyritic quartz-feldspar dyke,. Slightly blocky core rock with fracturing dominantly at ~60° to core axis. Some lower angled fractures also noted at ~25 to core axis. Trace-weakly clay altered matrix with minor zones of gouge and clay. Generally in contact zones. narrow irregular carbonate stringers noted. No other significant veining. No significant mineralization.
															FX	25-60		6									
			199.42	199.85	0.43	BXA	DKGY								VN?	65			f	t	tw	tw					Dark grey breccia "vein". Clast supported breccia with granodiorite clasts (subangular, up to 3.5 cm across). Weak mineralization with fine disseminated pyrite and sphalerite and blebby arsenopyrite.
201.07	207.87	6.80				GRD	LTGN		w	tw					FX	40-50		2									Phyllic altered granodiorite. Weak-moderately clay and phyllic altered granodiorite. Fairly competent core rock with minor fracturing.
															VT	65-85	<4	1							Qz		moderate veining density, dominantly sulphide bearing grey quartz veins, often with slight alteration envelopes of strongly phyllic alteration. Dark breccia "veins" also present.
																			tw	tw	t?	t					Trace-weak sulphide mineralization, dominantly fine disseminated pyrite in matrix. Veining structures also carry stringer sulphides
			201.07	201.42	0.35	BXA	DKGY			w					GO	60				w							Brecciated contact zone. Dark grey, weakly sheared(?) matrix with deformed clasts. Approximately 3cm thickness of clay and gouge at the upper contact. Slight "increase" in fine-medium disseminated pyrite.
			202.45	202.52	0.07	VEN	GY	BX			f				VN	70				t							Silicified band with brecciated textures. Possibley breccia unit with decreased sulphides.
			203.28	203.44	0.16	BXA	DKGY								VN?	40			tw	tw	t						Breccia "vein" with coarse clasts (<4cm). Trace weak sulphides, dominantly pyrite and trace amounts of arsenopyrite.
			203.54	203.61	0.07	VEN	MT/GY				f				VN	85			w	tw							Grey quartz vein/silica flooded zone carrying sulphides.
			205.94	206.26	0.32	BXA	DKGY								VN?	75			f	w	tw						Zone of several dark grey breccia "veins". Matrix supported with small granodiorite clasts. Fine-medium disseminated sulphides.
207.87	215.50	7.63				GRD	MDGY		t				pro	tw	FX	60		4									Granodiorite. "Fresh" granodiorite with weak propylitic and patchy phyllic alteration. Propylitic alteration decreases moving downhole. Fairly competent core rock.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									
													Other															
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Other	Photo	DETAILED DESCRIPTION
															VT	30		1									Low veining density; narrow irregular carbonate stringers noted. Rare quartz veinlets (<1cm) carrying minor sulphides with alteration envelopes also present.
							MT								VT	40	<0.5	1									
																			t	t							Trace disseminated sulphides, decreasing downhole Dominantly pyrite.
			207.89	208.67	0.78				w											tw							Contact alteration zone with stronger phyllic alteration. Slight increase in sulphides.
			211.43	211.58	0.15	BXA	DKGN				f				VN?	70				tw							Breccia "vein" zone with dark green-grey matrix. Appears moderately silicified. Slight increase in sulphides.
			211.80	211.85	0.05	APL	PK								DY	60	<1										Two narrow aplite dykelets
			213.87	213.99	0.12	LTGN		EN	w																		Quartz veinlet with phyllic envelope. Pyrite stringers.
															VT	30				tw							
																											EOH at 215.50m.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: DDH-KL-11-13

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	0.17	0.17		0		0				Casing
0.17	3.05	2.88	0.00	0		0				Dirt
3.05	5.18	2.13	2.10	99	0.29	14	S	MW		
5.18	6.10	0.92	0.70	76	0.10	11	MS	MW		
6.10	7.62	1.52	1.45	95	0.10	7	MS	MW		
7.62	9.14	1.52	1.43	94	0.62	41	MS	SW		
9.14	10.67	1.53	1.44	94	0.22	14	VS	SW		
10.67	10.97	0.30	0.28	93	0.00	0	W	MW		
10.97	12.50	1.53	1.43	93	0.64	42	S	SW		
12.50	15.54	3.04	3.02	99	1.30	43	VS	SW		
15.54	17.07	1.53	1.53	100	0.89	58	VS	SW		
17.07	18.29	1.22	1.22	100	0.75	61	S	SW		
18.29	19.81	1.52	1.52	100	0.66	43	VS	SW		
19.81	21.64	1.83	1.53	84	0.97	53	MS	SW		
21.64	23.16	1.52	1.52	100	0.38	25	VS	SW		
23.16	24.69	1.53	1.53	100	0.43	28	VS	SW		
24.69	26.21	1.52	1.26	83	0.81	53	VS	SW		
26.21	27.43	1.22	1.14	93	0.89	73	S	SW		
27.43	28.65	1.22	1.00	82	0.15	12	VS	SW		
28.65	31.70	3.05	2.05	67	1.04	34	S	SW		
31.70	32.92	1.22	1.08	89	0.53	43	S	SW		
32.92	33.83	0.91	0.91	100	0.57	63	W	SW		
33.83	36.27	2.44	2.30	94	1.83	75	W	FR		
36.27	39.32	3.05	2.76	90	1.69	55	S	FR		
39.32	42.37	3.05	2.65	87	1.63	53	S	SW		
42.37	42.67	0.30	0.30	100	0.42	140	S	FR		
42.67	46.02	3.35	2.90	87	2.05	61	MS	MW		
46.02	49.07	3.05	3.10	102	1.87	61	S	MW		
49.07	52.12	3.05	2.32	76	1.10	36	W	HW		
52.12	55.17	3.05	2.58	85	1.52	50	S	MW		
55.17	58.22	3.05	2.61	86	1.79	59	MS	MW		
58.22	61.26	3.04	2.71	89	1.73	57	MS	MW		
61.26	64.31	3.05	2.87	94	1.96	64	S	MW		
64.31	67.36	3.05	2.71	89	1.40	46	W	MW		
67.36	70.41	3.05	2.07	68	1.23	40	M	MW		
70.41	73.46	3.05	2.89	95	1.97	65	M	FR		
73.46	76.50	3.04	3.01	99	2.01	66	VS	SW		
76.50	79.55	3.05	2.94	96	1.93	63	MS	SW		
79.55	82.60	3.05	2.96	97	1.99	65	VS	SW		
82.60	85.64	3.04	2.78	91	1.68	55	MS	SW		
85.64	88.70	3.06	3.52	115	2.12	69	VS	SW		
88.70	91.74	3.04	3.50	115	2.42	80	M	FR		
91.74	94.79	3.05	2.92	96	1.23	40	M	FR		
94.79	97.34	2.55	3.00	118	2.29	90	W	SW		
97.34	100.88	3.54	2.84	80	2.14	60	M	FR		
100.88	103.94	3.06	2.89	94	2.08	68	W	FR		
103.94	106.98	3.04	3.00	99	2.39	79	W	FR		
106.98	110.03	3.05	3.20	105	1.43	47	W	SW		
110.03	113.08	3.05	2.72	89	1.74	57	VW	SW		
113.08	116.13	3.05	2.96	97	1.68	55	M	SW		
116.13	119.18	3.05	2.95	97	2.21	72	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
119.18	122.22	3.04	2.80	92	2.63	87	S	FR		
122.22	125.27	3.05	2.63	86	1.77	58	M	FR		
125.27	128.32	3.05	3.03	99	1.46	48	W	FR		cave in , core fell in
128.32	131.36	3.04	2.93	96	0.74	24	W	FR		core fell out of tube
131.36	134.41	3.05	3.09	101	1.60	52	W	FR		
134.41	137.46	3.05	3.07	101	1.64	54	S	FR		
137.46	140.51	3.05	2.89	95	1.75	57	S	FR		
140.51	143.56	3.05	2.97	97	2.07	68	M	FR		
143.56	146.61	3.05	2.06	68	0.84	28	M	FR		Mislatch
146.61	149.65	3.04	3.02	99	0.84	28	VW	FR		
149.65	152.70	3.05	3.14	103	1.80	59	W	FR		
152.70	155.75	3.05	1.28	42	1.62	53	W	FR		
155.75	158.80	3.05	1.29	42	1.89	62	W	FR		
158.80	161.85	3.05	3.02	99	1.09	36	S	FR		
161.85	164.90	3.05	3.03	99	1.74	57	MS	FR		
164.90	167.94	3.04	3.02	99	1.98	65	S	FR		
167.94	170.99	3.05	3.20	105	0.90	30	VS	FR		
170.99	174.04	3.05	2.70	89	0.76	25	S	FR		
174.04	177.08	3.04	3.13	103	1.32	43	M	FR		
177.08	180.14	3.06	2.97	97	1.96	64	S	FR		
180.14	183.18	3.04	2.87	94	1.84	61	MS	FR		
183.18	186.23	3.05	3.04	100	1.70	56	W	FR		
186.23	189.28	3.05	2.95	97	1.68	55	W	FR		
189.28	192.33	3.05	2.98	98	1.56	51	W	FR		
192.33	195.38	3.05	2.92	96	1.41	46	MS	FR		
195.38	198.42	3.04	2.96	97	1.57	52	MS	FR		
198.42	201.47	3.05	3.06	100	0.87	29	MS	FR		
201.47	204.52	3.05	3.05	100	1.78	58	S	FR		
204.52	207.57	3.05	2.83	93	0.95	31	MS	FR		
207.57	210.62	3.05	2.94	96	0.68	22	VS	FR		
210.62	213.21	2.59	2.56	99	1.58	61	MS	FR		
213.21	215.50	2.29	1.78	78	0.90	39	MS	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-13

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.20	3.20		0	N/S						Overburden - not sampled
3.20	5.08	1.88	1.92	102	K271301	1					
5.08	7.40	2.32	1.49	64	K271302	1					
					K271303	1					Blank
7.40	10.36	2.96	2.70	91	K271304	1					
10.36	13.09	2.73	2.53	93	K271305	1					phyllic zone
13.09	15.55	2.46	2.42	98	K271306	1					
15.55	18.29	2.74	2.94	107	K271307	1					
18.29	21.52	3.23	3.03	94	K271308	1					
					K271309	1					Standard: CDN-ME-16
21.52	24.61	3.09	3.04	98	K271310	1					
24.61	27.10	2.49	2.16	87	K271311	1					
27.10	28.65	1.55	1.21	78	K271312	1					
28.65	31.15	2.50	1.50	60	K271313	1					
31.15	34.20	3.05	2.80	92	K271314	1					
34.20	37.13	2.93	2.96	101	K271315	1					
37.13	40.07	2.94	2.68	91	K271316	1					
40.07	43.30	3.23	3.47	107	K271317	1					
					K271318	1					Duplicate of ***317
43.30	46.52	3.22	2.86	89	K271319	1					
46.52	47.36	0.84	0.86	102	K271320	1					
47.36	48.73	1.37	1.42	104	K271321	1					
48.73	51.96	3.23	2.94	91	K271322	1					
					K271323	1					Blank
51.96	53.18	1.22	1.26	103	K271324	1					
53.18	55.39	2.21	2.16	98	K271325	1					
55.39	57.61	2.22	2.17	98	K271326	1					
57.61	59.00	1.39	1.31	94	K271327	1					
59.00	60.89	1.89	1.64	87	K271328	1					
60.89	62.74	1.85	1.84	99	K271329	1					
62.74	65.53	2.79	2.81	101	K271330	1					Two aplite dykes
65.53	67.36	1.83	1.81	99	K271331	1					
					K271332	1					Standard: CDN-ME-16
67.36	69.12	1.76	0.15	9	K271333	1					
69.12	70.64	1.52	1.42	93	K271334	1					
70.64	72.48	1.84	1.89	103	K271335	1					
72.48	73.80	1.32	1.39	105	K271336	1					
73.80	74.38	0.58	0.58	100	K271337	2					
74.38	77.20	2.82	2.43	86	K271338	2					
77.20	78.51	1.31	1.31	100	K271339	2					
78.51	80.66	2.15	2.13	99	K271340	2					
80.66	83.77	3.11	2.89	93	K271341	2					
					K271342	2					Blank
83.77	85.49	1.72	1.68	98	K271343	2					
85.49	87.69	2.20	2.28	104	K271344	2					
87.69	89.23	1.54	1.53	99	K271345	2					
89.23	90.83	1.60	1.66	104	K271346	2					
90.83	91.22	0.39	0.39	100	K271347	2					Quartz veining
					K271348	2					Blank
91.22	92.44	1.22	1.27	104	K271349	2					Mineralized quartz veining
92.44	94.00	1.56	1.38	88	K271350	2					Minor breccia zone (<10cm)
94.00	96.62	2.62	2.60	99	K271351	2					Quartz veining with sphalerite
96.62	97.76	1.14	1.15	101	K271352	2					Argillic zone
97.76	98.88	1.12	1.14	102	K271353	2					
98.88	100.97	2.09	1.96	94	K271354	2					
					K271355	2					Standard: CDN-ME-16

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
100.97	103.02	2.05	2.10	102	K271356	2					Phyllyic zone
103.02	105.08	2.06	2.05	100	K271357	2					
105.08	106.78	1.70	1.68	99	K271358	2					Phyllic zone
106.78	108.63	1.85	1.89	102	K271359	2					
					K271360	2					Duplicate of *359
108.63	111.20	2.57	2.48	96	K271361	2					
111.20	113.01	1.81	1.82	101	K271362	2					
113.01	114.70	1.69	1.64	97	K271363	2					
114.70	116.39	1.69	1.65	98	K271364	2					
116.39	118.15	1.76	1.86	106	K271365	2					
118.15	120.43	2.28	2.21	97	K271366	2					
120.43	123.06	2.63	2.69	102	K271367	2					
123.06		-123.06		0	K271368	2					
0.00	126.36	126.36	2.68	2	K271369	2					
126.36	128.32	1.96	1.89	96	K271370	2					
128.32	131.26	2.94	2.82	96	K271371	2					Dropped core
131.26	133.97	2.71	2.49	92	K271372	2					
133.97	135.50	1.53	1.53	100	K271373	3					
135.50	137.23	1.73	1.78	103	K271374	3					
137.23	139.16	1.93	1.82	94	K271375	3					Dyke with mineralized veins
					K271376	3					Blank
139.16	140.81	1.65	1.63	99	K271377	3					
140.81	141.52	0.71	0.47	66	K271378	3					Breccia contact zone
141.52	143.27	1.75	1.67	95	K271379	3					Dyke contact
143.27	146.61	3.34	2.29	69	K271380	3					mislatched dyke
					K271381	3					Standard: CDN-ME-16
146.61	148.70	2.09	2.00	96	K271382	3					Dyke
148.70	150.73	2.03	2.06	101	K271383	3					Dyke
150.73	152.70	1.97	1.95	99	K271384	3					Dyke
152.70	155.19	2.49	2.36	95	K271385	3					Dyke
155.19	156.45	1.26	1.26	100	K271386	3					Dyke contact
156.45	158.29	1.84	1.67	91	K271387	3					Breccia
					K271388	3					Blank
158.29	159.11	0.82	0.89	109	K271389	3					
159.11	160.61	1.50	1.44	96	K271390	3					Dyke
160.61	162.66	2.05	2.05	100	K271391	3					
162.66	163.77	1.11	1.10	99	K271392	3					
163.77	165.46	1.69	1.59	94	K271393	3					
165.46	167.05	1.59	1.59	100	K271394	3					
167.05	167.46	0.41	0.41	100	K271395	3					
167.46	170.44	2.98	2.89	97	K271396	3					Dyke
					K271397	3					Duplicate
170.44	172.99	2.55	2.33	91	K271398	3					Dyke/fault
172.99	176.05	3.06	3.09	101	K271399	3					
176.05	178.35	2.30	2.30	100	K271400	3					
178.35	180.14	1.79	1.76	98	K271401	3					
180.14	183.18	3.04	2.97	98	K271402	3					Mineralized veins
					K271403	3					Standard: PL-2
183.18	184.52	1.34	1.34	100	K271404	3					Mineralized veins
184.52	185.92	1.40	1.43	102	K271405	3					
185.92	188.13	2.21	2.25	102	K271406	3					
188.13	190.14	2.01	2.01	100	K271407	3					Clay alteration
190.14	193.09	2.95	2.32	79	K271408	3					
193.09	195.80	2.71	2.53	93	K271409	4					
195.80	196.62	0.82	0.82	100	K271410	4					
196.62	199.46	2.84	2.71	95	K271411	4					Dyke
199.46	201.07	1.61	1.82	113	K271412	4					Dyke with breccia

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
201.07	203.61	2.54	2.43	96	K271413	4					
					K271414	4					Standard: CDN-ME-16
203.61	205.94	2.33	2.32	100	K271415	4					
205.94	207.87	1.93	1.79	93	K271416	4					
207.87	210.62	2.75	2.64	96	K271417	4					
210.62	213.21	2.59	2.62	101	K271418	4					
213.21	215.50	2.29	2.04	89	K271419	4					
	EOH										

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-13

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00			2.916	
2.00			5.93	dirt
3.00			0.462	dirt
4.00			0.591	
5.00			0.248	
6.00			0.318	
7.00			0.294	
8.00			6.171	
9.00			21.35	
10.00			10.41	
11.00			1.812	
12.00			0.513	
13.00			0.628	
14.00			13.53	
15.00			3.76	
16.00			23.13	
17.00			20.61	
18.00			19.97	
19.00			13.65	
20.00			23.06	
21.00			18.94	
22.00			20.3	
23.00			20.4	
24.00			20.88	
25.00			22.95	
26.00			20.52	
27.00			24.46	
28.00			13.06	
29.00			18.58	
30.00			21.81	
31.00			23.71	
32.00			29.35	
33.00			3.586	
34.00			26.94	
35.00			22.63	
36.00			29.93	
37.00			20.34	
38.00			21.14	
39.00			20.48	
40.00			21.33	
41.00			27.63	
42.00			29.57	
43.00			29.45	
44.00			33.41	
45.00			17.39	
46.00			30.56	
47.00			0.672	
48.00			17.3	
49.00			0.304	
50.00			0.303	
51.00			0.388	
52.00			7.722	
53.00			2.951	
54.00			22.410	
55.00			21.550	
56.00			18.070	
57.00			19.780	
58.00			18.280	
59.00			20.960	
60.00			4.088	
61.00			20.540	
62.00			25.290	
63.00			32.480	
64.00			33.840	
65.00			21.130	
66.00			0.521	
67.00			1.510	
68.00			33.420	
69.00			21.740	
70.00			10.700	
71.00			0.373	
72.00			0.303	
73.00			0.744	
74.00			2.399	
75.00			0.646	
76.00			0.538	
77.00			0.288	
78.00			10.380	
79.00			0.417	
80.00			11.880	
81.00			0.875	
82.00			0.267	
83.00			0.467	
84.00			2.173	
85.00			0.257	
86.00			0.226	
87.00			0.505	
88.00			0.419	
89.00			0.691	
90.00			0.155	
91.00			0.120	
92.00			0.245	
93.00			0.169	
94.00			0.181	
95.00			0.463	
96.00			0.193	
97.00			0.451	
98.00			18.740	
99.00			17.080	
100.00			18.140	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.524	
102.00			0.264	
103.00			4.8	
104.00			17.88	
105.00			0.622	
106.00			0.77	
107.00			8.75	
108.00			31.15	
109.00			26.28	
110.00			2.628	
111.00			19.35	
112.00			12.88	
113.00			18.83	
114.00			2.93	
115.00			6.186	
116.00			7.22	
117.00			0.524	
118.00			2.94	
119.00			8.035	
120.00			1.38	
121.00			32.07	
122.00			10.76	
123.00			1.157	
124.00			2.105	
125.00			0.708	
126.00			24.5	
127.00			0.829	
128.00			7.106	
129.00			21.71	
130.00			24.44	
131.00			31.16	
132.00			16.46	
133.00			22.17	
134.00			21.43	
135.00			0.703	
136.00			0.704	
137.00			2.72	
138.00			0.181	
139.00			0.331	
140.00			11.52	
141.00			0.416	
142.00			0.51	
143.00			0.291	
144.00			0.258	
145.00			0.218	
146.00			0.451	
147.00			0.264	
148.00			0.269	
149.00			0.839	
150.00			2.04	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.244	
152.00			0.221	
153.00			0.252	
154.00			0.163	
155.00			0.362	
156.00			0.562	
157.00			0.338	
158.00			0.237	
159.00			0.120	
160.00			0.466	
161.00			0.280	
162.00			2.948	
163.00			2.800	
164.00			0.345	
165.00			0.138	
166.00			0.303	
167.00			0.221	
168.00			0.302	
169.00			0.506	
170.00			0.233	
171.00			0.183	
172.00			0.259	
173.00			0.216	
174.00			0.304	
175.00			0.379	
176.00			0.275	
177.00			0.106	
178.00			0.113	
179.00			0.384	
180.00			0.158	
181.00			0.419	
182.00			0.232	
183.00			0.518	
184.00			0.268	
185.00			0.343	
186.00			0.188	
187.00			0.334	
188.00			0.271	
189.00			0.257	
190.00			0.236	
191.00			0.284	
192.00			0.435	
193.00			0.339	
194.00			0.318	
195.00			0.462	
196.00			0.157	
197.00			0.226	
198.00			0.225	
199.00			0.159	
200.00			0.207	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.293	
202.00			0.179	
203.00			0.416	
204.00			0.233	
205.00			0.116	
206.00			0.144	
207.00			0.148	
208.00			0.441	
209.00			21.73	
210.00			27.7	
211.00			22.76	
212.00			28.42	
213.00			19.55	
214.00			1.927	
215.00			6.252	
			EOH	

BOX LOG

HOLE: KL-11-13

BOX	FROM (m)	TO (m)
1	0.17	4.55
2	4.55	8.42
3	8.42	12.48
4	12.48	16.62
5	16.62	20.22
6	20.22	24.61
7	24.61	28.77
8	28.77	34.09
9	34.09	38.16
10	38.16	42.37
11	42.37	46.51
12	46.51	50.37
13	50.37	54.20
14	54.20	58.38
15	58.38	62.53
16	62.53	66.24
17	66.24	70.56
18	70.56	74.34
19	74.34	78.51
20	78.51	82.60
21	82.60	86.85
22	86.85	91.30
23	91.30	95.27
24	95.27	99.16
25	99.16	103.05
26	103.05	107.32
27	107.32	110.92
28	110.92	114.81
29	114.81	119.03
30	119.03	123.25
31	123.25	127.59
32	127.59	131.36
33	131.36	135.26
34	135.26	139.29
35	139.29	143.56
36	143.56	148.25
37	148.25	152.36
38	152.36	156.47
39	156.47	160.77
40	160.77	164.72
41	164.72	168.78
42	168.78	172.76
43	172.76	176.73
44	176.73	180.75
45	180.75	185.03
46	185.03	189.12
47	189.12	193.09
48	193.09	197.48

BOX	FROM (m)	TO (m)
50	201.47	205.79
51	205.79	210.06
52	210.06	214.30
53	214.30	215.50
		EOH

BOX LOG

49	197.48	201.47

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382685.59	6890258	1368.766	327.66

ZONE:

SECTION:

HOLE: KL-11-14

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (327.66m / EOH)

Casing depth: 7.20 (m) in / **out**

Drilling dates: June 7 - 12, 2011

Geology logged by: X. Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	142.34	39.9	-49.7	Ranger
20.42	36.9	-50.5	Ranger	203.3	41.2	-48.7	Ranger
81.38	38.8	-50.1	Ranger	264.26	41.8	-47.5	Ranger
111.86	16.2	38.7	Ranger	325.22	43.9	-46.3	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	104.35	104.35	GRD	0-7.20 CAS/ Unaltered GRD; some weak prop alterati
				with frequent Qz/Cb VT's with alteration envelopes
104.35	229.86	125.51	GRD	Some unaltered GRD, most weak propylitic alteration
				with intervals of frequent milky Qz and grey/white Qz
				veinlets with blebs of Py, trace Sp, As, and Gn
232.50	232.79	0.29	BXA	Black/grey breccia with blebs of Py, As and Gn
233.17	246.85	13.68	FEL	FEL PO DK; 239.51-240.32 GRD; 4 brxx veins, no su
246.85	248	1.15	GRD	246.85-247.24 brxx contact; argillic altered GRD
248.00	248.84	0.84	FEL	FEL PO DK
248.84	280.41	31.57	GRD	Klaza Zone.' Frequent sulphides stringers, alt. Envelo
280.41	284.43	4.02	FEL	FEL PO DK
284.43	285.37	0.94	GRD	Phyllic altered GRD
285.37	289.68	4.31	FEL	FEL PO DK
289.68	292.4	2.72	GRD	289.68-289.92 Brxx contact. Strong phyllic alt GRD
292.4	327.66	35.26	GRD	Patchy alteration of GRD with 2 To-Qz-Fd dykes
327.66			EOH	

SAMPLES

Numbers: K271157 - K271300; K272001 - K272048

Total: 192

Batch: DDH-14 B1-B6

Date Sent: B1 (06-26); B2-3 (07-04); B4 (07-06); B5-6 (07-09)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-14 **Logger Name: Xéna Montague** **Date: June 16/11**

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite		
0.00	7.20	7.20				CAS																						Casing; no recovery
7.20	26.98	19.78				GRD	GR/GY	MG					pro	w-m														Green/grey weak to moderate propylitic alteration of GRD with sub intervals of argillic and phyllic alteration enveloping around veins described below
			7.20	9.44	2.24	GRD	OR/BN	MG/ST		ms		s			VT	40	0.5	3	n									Moderate to strong argillic alteration with strong oxidation throughout subinterval, Calcite veinlets.
															VT	45	<1	7	n									Parallel yellow chalcedony veinlets
			12.95	13.22	0.27	GRD	OR/BN	MG/ST		ms		s							n									Moderate to strong argillic alteration with strong oxidation throughout. Very friable (montmorillinite?)
			17.70	23.16	5.46	GRD	GR/GY-DK	EN					pro	m					n									Moderate propylitic envelopes around ~3-4 veins described in next sub intervals
			18.38	18.59	0.21	GRD	GR-MD	EN	ms			s			VT	~25	<1	1	n?									Moderate to strong phyllic alteration envelope around a limonite stained vein or veinlet...too altered to identify thickness of vein
			19.10	19.28	0.18	GRD	GR-LT	EN	ms			s			VN	90	1.5	1	t	t				m				Light green moderate to strong phyllic alteration of GRD with limonite stains in fracture and 1-1.5 cm adjacent to vein contains trace pyrite and grey/white quartz and yellow chalcedony, slight net texture. Moderate hematite fractures
			19.39	19.44	0.05	GRD	OR/BN	EN	wm			s			VT	65	<1	1	n									Weak to moderate phyllic altered GRD enveloping two veinlets, one grey/white quartz, one calcite. Both in same orientation, no visible sulphides-very oxidized
			20.12	20.20	0.08	GRD	GR-LT	MG	ms						VT	85	<1	1	t	t				s				Moderate to strong phyllic alteration adjacent to pyrite veinlet, strong hematite in fractures
			20.20	20.42	0.22	GRD	OR/BN	MG		m		s							n									Moderate argillic alteration with strong oxidation
			22.64	22.74	0.10	GRD	GR-MD	EN	w-m										t	t								Weak to moderate phyllic alteration of GRD around dark blue/black veinlets bearing pyrite
															VT	70	<1	3	t	t								Blue/black veinlets
26.98	29.43	2.45				GRD	GY-MD	MG											n									Unaltered GRD
29.43	34.17	4.74				GRD	GR/GY-DK	MG					pro	wm	VT	65-75	<1	3	t	t								Weak to moderate propylitic alteration of GRD with pyrite veinlets with 1-2cm moderate phyllic alteration envelopes around each veinlet
			30.10	30.61	0.51	GRD	OR/BN	EN		ms		m																Moderate oxidation of moderate to strong argillic alteration of GRD enveloping a phyllic veinlet zone
			30.26	30.50	0.24	GRD	GR-LT	EN	ms			m			VT	52	<1	6	t	t			t					Phyllic envelope of quartz, galena, yellow chalcedony veinlets with carbonate flooding
34.17	39.92	5.75				GRD	GY-MD	MG																				Unaltered GRD
39.92	60.07	20.15				GRD	GR-DK	MG					pro	wm	VT	25	<1	1	t	t								Vein zone with phyllic and argillic envelopes around veins described in sub sections. Weak to moderate propylitic alteration of GRD with scattered pyrite veinlets
			40.87	41.35	0.48	GRD	GR-DK	MG		m									n									Moderate argillic alteration envelope
			41.00	41.26	0.26	GRD	GR-LT/DK	EN	ms										t	t								Moderate to strong phyllic envelope around a vein, trace disseminated pyrite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			41.10	41.16	0.06	VEN	WH/BR/GY/GR	FG				w			VN	50	6.0	1	ms	m	t		ms				Vein with veinlets of galena, pyrite, white quartz, grey/white quartz. Strong phyllic? Altered GRD. Weak oxidation in fractures
			44.68	45.94	1.26	GRD	WH/GY	MG		m		w			VT	10.0-20	<1		t	t							Moderate argillic alteration (kaolinite?) with oxidation in fractures. Two dark green veinlets with pyrite at 20° with a cross cutting calcite veinlet at 10°
			45.09	45.36	0.27	GRD	GR-DK	EN					pro	wm													Weak to moderate propylitic alteration enveloping the veinlets
			45.94	46.36	0.42	APL	PK/DR	MO	wm			m	pot	m	DK	45	40.0	1	n								Mottled green/pink moderate potassic and weak to moderate phyllic altered aplite dyke. Moderate oxidation in fractures.
			46.36	48.34	1.98	GRD	WH/GR-LT	MG-EN		m		w			VT	10	<1	1									Moderate argillic alteration of GRD enveloping phyllic envelopes around veinlets. Oxidation in fractures. Carbonate-ankerite? Veinlets cross cutting the argillic alteration.
			46.58	46.90	0.32	GRD	GR-LT	EN	m						VT	70	<1	3	w	w		w					Moderate phyllic altered GRD envelope with pyrite and sphalerite veinlets and yellow/milky quartz/chalcedony
			47.32	47.38	0.06	GRD	GR-DK	EN	s						VT	60	<1	3	f	f							Dark green veinlets bearing pyrite with disseminated pyrite throughout interval
			47.64	48.15	0.51	GRD	GR-LT	EN	m			s			VT	65	<1	2	w	w							Moderate phyllic envelope around two pyrite veinlets with minor disseminated pyrite throughout. Strong oxidation in fractures
			48.96	51.45	2.49	GRD	GR/BR-MD	MG				m															Alternating phyllic, vein zone and argillic alterations
			48.96	49.48	0.52	GRD	GR-LT/MD	MG	wm	w					VT	50-60	<1	2	t	t							Weak to moderate phyllic altered GRD with weak argillic alteration . White quartz with pyrite disseminated adjacent to veinlet, also dark green veinlets with trace pyrite present
			49.47	49.70	0.23	GRD	BN/GR	MG	ms			s			VT	40	<1	2	t	t							Very oxidized vein zone with two orange brown veinlets with trace pyrite
			49.70	50.65	0.95	GRD	OR/BN	MG		m		s							n								Moderate argillic alteration with strong oxidation throughout entire interval
			50.65	50.96	0.31	VEN	GR-MD	FG	s			m			VT	60-90	<1	14	f	f		w					Strong phyllic alteration vein zone with moderate oxidation in fractures and in white/milky quartz/chalcedony (orange from oxidation). Veinlets of orange/milky quartz/chalcedony, pyrite, sphalerite, and grey/white quartz. disseminated pyrite throughout interval. Minor net/lattice veinlet structure in quartz rich veinlets
			50.96	51.14	0.18	GRD	GR-LT	MG	m										n								Moderate phyllic alteration, no visible sulphides, no veinlets
			51.14	51.46	0.32	GRD	WH/OR/GY	MG		m		wm							n								Moderate argillic alteration with oxidation throughout half of interval
			52.79	53.13	0.34	GRD	GR-MD	MG	wm			w			VT	75	<1	3	t	t				t			Weak to moderate phyllic altered GRD with weak oxidation adjacent to fractures. Veinlets are white/milky quartz/chalcedony mixture with pyrite along exterior margins. Also dark green pyrite bearing veinlets exist minor. Trace hematite altered magnetite?

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			53.38	53.69	0.31	GRD	GR-LT		wm			t			VT	70	<1	1	t	t		t	t	t			Weak to moderate phyllic alteration around 1 veinlet with pyrite, sphalerite, and trace galena with white, grey and milky quartz. Trace hematite alteration of magnetite also trace oxidation in fractures
			55.38	57.35	1.97	GRD	GY/GN/DR-LT	MG-EN		ms		ms							n								Moderate to strong argillic alteration envelope and vein zone described below. Moderate to strong oxidation throughout and in and adjacent to fractures
			55.82	57.12	1.30	GRD	GR-LT	MG-EN	ms			wm															Moderate to strong phyllic altered envelope with oxidation in/adjacent to fractures
						VEN		VU-LA				m			VN	85-90	12.0	2	t	t							Vein zone with vuggy quartz, colourless and yellow chalcedony. Trace disseminated pyrite, lattice structured quartz veins
			59.83	60.07	0.24	VEN	GR-MD/DK	MG-VN	ms						VN	90	1.5	1	ms	w	w	ms					Milky white quartz vein with yellow chalcedony on the margins. Bottom side of quartz vein contains the sulphides
60.07	65.07	5.00				GRD	GY/GR-MD	MG					pro	w													Weak propylitic alteration of GRD
65.07	80.06	14.99				GRD	GY-MD	MG																			Unaltered GRD
80.06	87.24	7.18				GRD	GY/GR-MD	MG					pro	w													Gradational contact between unaltered GRD and weak propylitic alteration of GRD
87.24	104.35	17.11				GRD	GR/GY-DK	MG					pro	w													Weak to moderate propylitic alteration of GRD with infrequent pyrite veinlets described in sub intervals
															VT	10	<1	2	n								Secondary calcite veinlets from 97.00-??
			88.85	89.09	0.24	GRD	GR-MD	EN	wm						VT	78	<1	1	w	w							Weak to moderate phyllic altered GRD envelope around a milky quartz veinlet with pyrite veinlet adjacent. Trace disseminated pyrite throughout subinterval
			94.62	95.28	0.66	GRD	GR-DK	EN					pro	s													Dark green strong propylitic envelope around a veinlet:
			94.89	95.17	0.28	GRD	GR-LT	EN	ms																		Light green phyllic altered envelope around a 3.5 sulphide vein
			94.97	95.02	0.05	VEN									VN	90	3.5	1	60	40			20				
			98.87	98.92	0.05	APL	PK	DK					pot	m	DK	90	5.0	1	n								Aplite dyke with moderate potassic alteration
			99.30	99.43	0.13	GRD	GR-MD	EN	wm						VT	85	<1	1	t	t							Weak to moderate phyllic altered GRD enveloping a pyrite veinlet
104.35	119.19	14.84				GRD	GR-DK	MG					pro	ms													Frequent stringer zone with respective phyllic and argillic envelopes described in sub intervals. Between envelopes is dark green mod-strong propylitic altered GRD
			104.35	105.20	0.85	GRD			wm	w																	Light green weak to moderate phyllic altered GRD with weak argillic alteration or throughout. Enveloping a vein.
			104.73	104.80	0.07	VEN									VN	55-60	7.0	1	s	s		f	t				Grey/white and dark grey quartz vein with pyrite sphalerite and galena. White quartz has minor lattice structure.
			105.73	106.14	0.41	GRD	GR-MD	EN	wm						VT	20	<1	1	t	t							Med green weak to moderate phyllic altered GRD with one veinlet, dark blue/green with trace pyrite, disseminated adjacently
			106.36	108.00	1.64	GRD	GY/GR-LT	EN		m																	Moderate argillic altered envelope with an internal phyllic envelope
			106.60	107.54	0.94	GRD	GR-LT	EN	wm										t	t							Light green weak to moderate phyllic envelope around two veinlets:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
															VT	12	<1	2	f	f		w	t?				Grey/white quartz and milky quartz vein with pyrite, sphalerite and maybe trace galena.
			108.42	108.89	0.47	GRD	GR-LT/DK	EN	ws						VN	20	1.0	1	w	w		t					Dark/light green phyllic altered GRD enveloping a white/grey quartz with yellow/milky quartz with pyrite and sphalerite microveinlets and disseminated pyrite.
			108.89	109.25	0.36	GRD	WH/PK	MG		wm									n								Weak to moderate argillic alteration of GRD
			109.25	113.35	4.10	GRD	GR-LT	MG-EN	wm										t	t							Weak to moderate phyllic alteration with 1 vein bearing pyrite and sphalerite with grey/white quartz, dark green mineral and yellow milky quartz. Trace disseminated pyrite throughout interval. Also shallow 10-20° secondary carbonate veinlets throughout 2-3m
			113.35	113.90	0.55	GRD	GR/GY-LT	MG	wm	wm					VT	10.0-20	<1	1	n								Light green/grey weak to moderate phyllic and argillic alteration with shallow blue/green/grey veinlets
			113.90	114.15	0.25	GRD	GR-LT	MG	wm										n								Weak to moderate phyllic altered GRD
			114.15	114.25	0.10	GRD	GY/WH	MG		m									n								Grey/white argillic alteration, very friable
			114.51	115.26	0.75	GRD	GR/GY/PK	MG	wm	wm					VT	90	<1	2	t	t		t					3cm alteration envelopes around veinlets with sulphides in the veinlet
			115.26	115.52	0.26	GRD	GR-LT		wm						VN	50	1.0	1	t	t				t			Light green phyllic alteration around a 1cm vein with milky/yellow quartz, grey/white quartz and dark blue/green mineral
			116.89	117.75	0.86	GRD	GY/PK/BR	EN		m																	Argillic enveloping a phyllic envelope around a vein, described below
			117.07	117.71	0.64	GRD	GR-LT	EN	m															t			Light green phyllic altered envelope around a vein
			117.58	117.62	0.04	VEN		VU							VN	88	4.0	1	l	l		t?					Vuggy milky/off white quartz/chalcedony vein with pyrite veinlets parallel
119.19	128.00	8.81				GRD	GR-LT	MG	wm																		Weak to moderate phyllic altered GRD with veinlets, no propylitic alteration
			119.19	119.64	0.45	GRD	GR/WH/GR	EN		m					VT	88	<1	1	t	t							Grey/white/green argillic envelope around a dark green pyrite veinlet
			120.60	121.10	0.50	VEN	GY/GR/DK	FG	s						VN	60-90	1.5-5	6	f	f	w	t					Area of frequent veinlets and veins with strong phyllic alteration in between. Veinlets of pyrite, arseno, minor sphalerite, yellow/off white milky quartz, and fine grained dark blue/grey..sulphides? Qtz?
			121.10	122.41	1.31	GRD	GR/GY-LT/MD	VN	s						VN	60	1.0	5	w	w		t					Veins are white and grey/white quartz dominated with minor lattice yellow milky quartz veinlets. Euhedral metallic sericite between veins. disseminated pyrite dominated, some in blebs, and discontinuous veinlets
			123.51	124.89	1.38	GRD	WH/PK	MG		ms									n					t			Moderate to strong argillic altered GRD
			125.31	125.46	0.15	APL	PK-LT	AN					pot	s	DK	60	15.0	1	n								Strong potassic altered aplite dyke with strong potassic alteration
			125.46	125.83	0.37	GRD	WH/PK	MG		m									n								White/pink argillic altered GRD
			126.82	126.98	0.16	VEN	GR/GY	FG-LA			s				VN	90	16.0	1	t	t							Strong silic altered vein zone, off white, grey/white quartz veins and yellow milky quartz in a lattice structure. Trace disseminated pyrite
128.00	135.07	7.07				GRD	GY/GR-DK	MG					pro	wm													Dark green grey weak to moderate propylitic alteration of GRD with microveinlets of dark green with trace pyrite
															VT	35	<1	1	t	t							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			129.20	129.79	0.59	GRD	WH/PK			m			pot	wm														White/pink moderate argillic altered GRD with microveinlets of dark green mineral with trace pyrite
			134.75	134.89	0.14	GRD	GR-DK	EN					pro	s	VT	40	<1	4	t	t							Strong propylitic alteration around two milky white quartz veinlets with trace pyrite blebs and veinlets
135.07	140.19	5.12				GRD	GY-MD	MG																			Unaltered GRD
140.19	167.18	26.99				GRD	GY/GR-DK	MG					pro	wm													Dark green weak to moderate propylitic alteration of GRD with sub intervals of phyllic envelopes around sulphide/quartz stringers
			140.49	140.90	0.41	GRD	GR-LT/MD	EN	wm						VT	30-85	<1	5	w	w			t				Weak to moderate phyllic envelope around white and yellow milky quartz veinlets with trace galena and pyrite blebs
			141.80	141.92	0.12	GRD	GR-DK	EN	w						VT	88	<1	1	t	t							Weak phyllic envelope around off white/yellow milky quartz veinlet with trace pyrite
			142.55	142.59	0.04	GRD	GR-MD	EN	wm						VT	45	<1	1	t	t							Weak to moderate phyllic envelope around an off white/yellow, milky quartz vein. Trace pyrite
			143.09	143.33	0.24	GRD	GR-MD	EN	wm																		Weak to moderate phyllic envelope around a yellow, milky quartz vein. Very trace pyrite
			143.09	143.12	0.03	VEN		FG							VN	55	<1	1	vt	vt							
			145.80	146.04	0.24	GRD	GR-LT	EN	wm										t	t							Weak to moderate phyllic altered GRD with trace disseminated pyrite
			145.90	145.91	0.01	VEN		FG							VN	50	1.0	1	ms	ms							Moderate to strong pyrite bearing vein with grey/white quartz and white quartz. White quartz (90°) cross cuts grey/white quartz (50°). Pyrite in filled 90° fracture
			146.62	146.68	0.06	VEN	PK/BN	FG							VN	80	6.0	1	s	ms		s					Pale pink globular chalcedony vein with dominated sphalerite both honey brown and blackjack. Sphalerite and pyrite mixed veinlets.
			147.94	148.24	0.30	GRD	GR-DK	EN	w						VN	80	<1	1	t	t							Weak phyllic envelope with trace disseminated pyrite around a white/colourless milky quartz vein.
			148.65	148.77	0.12	GRD	GR-DK	EN	w						VN	88	<1	1	t	t							Weak phyllic envelope with trace disseminated pyrite and blebs in milky quartz vein
			150.10	150.30	0.20	GRD	GR-DK	EN	w																		
															VT	90	<1	1	l	m		m	t				Weak phyllic envelope around a white quartz veinlet
			152.10	152.22	0.12	GRD	GR-LT	EN	s										t	t							Strong phyllic envelope with disseminated pyrite around a 1 cm vein
															VN	87	1.0	1	l	l		ms					Pyrite and sphalerite veinlets with white/grey quartz
			154.67	154.74	0.07	GRD	GR-LT	EN	s						VT	60	<1	1	n								Strong phyllic envelope around a white/off white milky quartz vein
			155.34	155.37	0.03	VEN	BR	FG			s				VN	85	3.0	2	65	50		f	ms				Pyrite, galena, and sphalerite vein, density includes next vein
			155.89	156.04	0.15	VEN	WH/BR	FG			s				VN	75	15.0		l	ms	t	m	m				White milky quartz dominated vein with yellow milky quartz, adjacent to sulphides. Pyrite, sphalerite, galena, and trace arsenopyrite in discontinuous blebs running with the trend of the vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			157.57	158.24	0.67	GRD	GR-LT	EN	s	w									t	t							Frequent stringer zone in a strong phyllic envelope. Stringers usually have acicular, radiating tourmaline and quartz. Trace disseminated pyrite throughout.
			158.24	158.49	0.25	GRD	PK/GR/GY-LT	MG		m																	Moderate argillic alteration
			159.83	160.28	0.45	GRD	GR-MD	EN	m																		Moderate phyllic enveloping a vein:
			160.03	160.07	0.04	VEN	BK/WH	BX			s				VN	70	5.0	1	t	t							Vein of aphanitic black groundmass, brecciated vein with disseminated pyrite throughout crosscut by milky pink and yellow/white quartz vein (1cm). Breccia clasts are strong, phyllic altered GRD 1-4mm wide.
			162.86	163.22	0.36	GRD	PK/WH	MG		ms									n								Moderate/strong argillic altered GRD
			163.64	164.35	0.71	GRD	PK/WH	MG		ms									n								Moderate/strong argillic altered GRD
			164.53	164.89	0.36	GRD	PK/WH	MG		ms									n								Moderate/strong argillic altered GRD
167.18	172.03	4.85				GRD	GY-MD	MG											n								Relatively unaltered GRD
172.03	188.49	16.46				GRD	GY/GR-MD	MG					pro	w	VN	65-95	1.5	<1	t	t							Weak propylitic alteration of GRD with 4 white and pink or yellow milky quartz veins. One has pyrite veinlet adjacent and disseminated from
															VT	75	<1	<1	t	t							Infrequent pyrite microveinlets
															VT	10.0-20	<1	1									Secondary carbonate veinlets
188.49	195.53	7.04				GRD	GR/GY-DK	MG					pro	wm													Weak to moderate, dark green/grey propylitic GRD with subintervals of phyllic envelopes around veins
			188.49	188.73	0.24	GRD	GR-LT	EN	ms						VN	25	<1	1						t			Moderate to strong phyllic altered envelope with 1 dark blue/grey veinlet
			190.18	190.40	0.22	GRD	GR-LT	EN	ms										t	t				t			Moderate to strong phyllic altered envelope around a pyrite rich vein:
			190.25	190.30	0.05	VEN	BR/BN	FG			ms				VN	65-90	5.0	1	30	30							Pyrite dominated vein with dark grey, milky, off white quartz
			191.53	192.34	0.81	GRD	GR-LT	EN	ms						VT	38-50	<1	4	t	t							Moderate to strong phyllic envelope around quartz veinlets. Quartz is grey/clear and yellow/milky
			194.46	194.58	0.12	GRD	GR-MD	EN	ms						VT	88	<1	1	vt	vt							Moderate phyllic envelope around a quartz veinlet-clear/milky grey/white with very trace sulphides
195.53	199.56	4.03				GRD	GR-LT	EN-LA	s						VT	70-85	<1	10	w	w							Strong silic altered vein zone. Minor lattice texture with the milky white quartz in the light green phyllic altered GRD. Subintervals of argillic GRD. Subintervals of argillic alteration-montmorilonite? and massive galena/quartz
			196.18	196.26	0.08	VEN	BR/GY	FG			s				VN	80	5.5	1	s	s							Pyrite dominated with white and yellow milky quartz vein
			196.87	197.51	0.64	GRD	GY/GR-LT	CR		s									t	t			t				Light green/grey strong argillic alternation of GRD, some fine grained, mushy grey remnant veinlets? Galena?
			198.10	199.56	1.46	GRD	GR/PKGY	MG	ms	wm									t	t							Moderate phyllic alteration with w-m argillic alteration
199.56	229.86	30.30				GRD	GR/GY-DK	MG	m				pro	wm	VT	45-90	<1	1.5						t			Weak to moderate propylitic alteration of GRD with white quartz veinlets at 45-90° and pyrite veinlets
															VT	30-90	<1	2.5	t	t							Pyrite veinlets

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			199.56	199.95	0.39	GRD	GR/PK	FG/MG/MO		m			pro?	s					n								Mottled dark green-tourmaline? Chlorite? Aphanitic and medium grained pink argillic altered GRD. Dark green colour could be propylitic alteration
			201.90	202.62	0.72	GRD	GR-MD	MG	wm						VT	90	<1	1	n								Medium green phyllic altered GRD around a white quartz vein and an ankerite? Veinlet
															VT	70	1.0	1	n								White quartz veinlet
			202.62	203.47	0.85	GRD	GY/PK-LT	MG		ms																	Moderate to strong argillic alteration with 1 pyrite veinlet
			203.47	203.94	0.47	GRD	GR-LT	EN	m						VN	90	1.0	1	t	t							Moderate phyllic envelope around a milky white quartz vein ~90° with euhedral pyrite. Also disseminated pyrite throughout interval
			204.90	205.35	0.45	GRD	GR-LT	EN	ms										t	t							Light green phyllic envelope around an aplite dyke. Trace disseminated pyrite
			205.14	205.24	0.10	APL	PK/TN	DK					pot	m	DK	65	10.0	1	t	t							Moderate potassic altered aplite dyke with a pyrite veinlet in fracture
			206.80	207.51	0.71	GRD	GR-LT	EN	ms						VT	80	<1	6	t	t							Light green phyllic GRD envelope around a dark grey vein, trace disseminated pyrite and veinlets
			207.10	207.24	0.14	VEN	GY/BK-DK	FG							VN	75-80	14.0	1	w	w							Aphanitic black/grey vein with visual pyrite-black/grey could be fine grained sulphides, streaks grey, galena rich? Little quartz in vein, hardness 2-3
			212.90	213.07	0.17	GRD	GR-LT	EN	m						VT	74	<1	1	t	t							Moderate phyllic envelope around a white/milky/grey quartz vein with sulphides
			213.52	213.62	0.10	GRD	GR-MD	EN	w						VT	75	<1	1	t	t							Weak phyllic envelope around a 75° white and yellow milky quartz veinlet with trace disseminated pyrite
			214.74	214.96	0.22	GRD	GR-LT	EN	wm		ms				VT	90	<1	4	w	w							Weak to moderate phyllic altered GRD with 4 90° pyrite and colourless/grey quartz veinlets. Metallic sericite present
			215.57	215.74	0.17	GRD	GR-MD	EN	wm						VT	88	<1	1	t	t							Weak to moderate phyllic envelope around a colourless and white milky quartz veinlet with trace disseminated pyrite
			223.25	225.48	2.23	GRD	WH/GR/PK	MG		ms			pot	wm											w		Moderate to strong argillic altered GRD with some mottled pink/green grey texture from potassic alteration. Blebs of hematite next to blebs of pyrite, two veins:
			223.79	233.81	10.02	VEN	BR/GY	FG				wm			VN	90	2.0	1	l	l							Dark grey, white milky, yellow chalcedony, quartz veinlets with hexagonal and irregular blebs of pyrite
			225.00	225.02	0.02	VEN	WH/PK	FG				wm			VN	90	2.0	1	t	t							Off white/pink opaque quartz/chalcedony with trace pyrite
			228.00	228.06	0.06	APL	PK-MD	DK					pot	ms	DK	30	6.0	1									Aplite dyke, potassic alteration
			228.60	228.62	0.02	APL	PK-MD	DK					pot	ms	DK	30	2.0	1									Aplite dyke, potassic alteration
229.86	233.17	3.31				GRD	PK/GR/GY	MG		ms			pot	w	VT	85-90	<1	6	t	t							Pink/green/grey/white granitic, medium grained, moderate to strong argillic altered GRD with frequent veinlets and breccia vein/dyke
			231.09	231.21	0.12	APL	GR/TN	DK	m						DK	64	12.0	1	t	t							Moderate phyllic altered APL dyke with a cross cutting pyrite veinlet
			231.29	231.40	0.11	GRD	GR/GY-DK	MG					pro	wm					n								Small interval of weak to moderate propylitic alteration
			231.40	231.46	0.06	GRD	GR-LT	MG	m																		Light green moderate phyllic altered GRD

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			232.79	233.17	0.38	GRD	GR-LT	EN	ms		wm																Light green moderate to strong phyllic altered GRD with wm silic flooding. Vein zone with two subintervals
			232.95	233.05	0.10	VEN	BR/GY-DK	FG							VN	70	10.0	1	60	60			t?				Dark grey quartz and off white chalcedony quartz with pyrite dominated vein, very heavy, massive pyrite, maybe trace galena as powder is blue/grey
			232.50	232.79	0.29	BXA	BK/GY-DK	DK							DK	88-90	29.0	1	w	w	w		t				Fine grained black/grey brecciated dyke with 1mm-3cm clasts of very altered GRD epidote rich. Breccia dyke contains blebs of arseno, pyrite, and trace galena. Pyrite and arseno are 1-4mm in length. Clasts/matrix ratio is 45/55. Clasts are sub rounded and sub angular.
233.17	239.51	6.34				FEL	TN/GR-MD	PO					pro?	m?	DK	75, 90	6.3	1	n					t			Tan/green quartz feldspar porphyry with moderate alteration, argillic? Phyllic? Feldspars are opaque tan/green and some chlorite coloured green-mild propylitic alteration. Contact is ~90° at top side and 75° bottom side
239.51	240.32	0.81				GRD	GR-MD	VN	m	m																	Contact of FEL and GRD. Strong alteration of argillic and phyllic wit frequent veins
															VT	65-70	<1	6	t	t							Veinlets are dark blue/grey with trace pyrite
240.32	246.85	6.53				FEL	GR/TN-LT	PO							DK	80-90			n								Qtz feldspar porphyry dyke with aphanitic black breccia dyke with 1-3mm clasts of porphyry. Vein zone is bottom 2 m.
															VT	45	<1-1	4	n								Black breccia
								LA							VT	all	<1	10	n								Qtz and calcite veinlets
246.85	247.24	0.39				BXA	GR-MD	DK								75			t	t	t		t				Contact between FEL PO and GRD. Brecciate texture with angular/sub angular clasts of propylitic GRD with strongly altered pistachio GRD with clay texture. Sulphides exist in the prop texture clasts (0.5-7cm). Groundmass is grey/white quartz, fine-medium grained.
247.24	248.00	0.76				GRD	GR/WH-LT	MG		ms																	GRD in-between Qtz feldspar porphyry, mod to strong argillic altered
			247.82	247.90	0.08	GRD	GR-MD	EN	ms						VT	75	6.0	1	t	t							Mod-strong phyllic altered GRD enveloping a vein
248.00	248.84	0.84				FEL	GR/PK-DK	PO					pro	m														Dark green/pink mottled FEL PO dyke
													pot	m													
248.84	280.41	31.57				GRD	GR/GR/WH	VN																			Klaza zone: Frequent sulphide stringers, brecciated veins with phyllic envelopes and argillic alteration in between. Alteration envelopes not mentioned in subintervals are argillic
			250.09	250.37	0.28	GRD	GR-LT	EN	ms		wm																Mod-strong phyllic envelope around 2 veins:
															VN	88	1.0	2	70	70							Pyrite vein with grey/white dark quartz; 70% is pyrite

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			250.79	250.86	0.07	VEN	GY-DK	FG							VN	70	6.0	1	m	m		t	t				7cm dark grey vein with 1.5cm phyllic envelope on each side. Vein has pyrite, galena, and sphalerite
			250.86	252.21	1.35	GRD	WH/GR	MG		ms					VT	75-90	<1	5	n								Mod to strong argillic alteration of GRD with grey/white quartz veinlets, each with a 1.5cm weak phyllic envelope on each side.
															VT	90	<1	1	f	f							Pyrite veinlet in middle of subinterval
			252.21	254.79	2.58	GRD	GR-LT	EN	ms						VT	88	1.0	6	t	t							Phyllic envelope around breccia and veins:
			252.36	252.63	0.27	VEN	GR/GY-DK	FTNT	s						VN	90			m	m		t					Fine grained dark grey netted veins with strong phyllic alteration in between
			252.81	252.95	0.14	VEN	BR/BK/GY-DK	BX							VN	80-90	14.0	1	25	25							Fine grained black breccia vein with angular clasts of 1mm-2.5cm GRD altered
			256.92	257.51	0.59	GRD	GR/GY-DK						pro	wm	VT	10	<1	1	t	t							Weak to moderate propylitic altered GRD with 2 pyrite veinlets, one at 10°, on at 90°
			257.51	264.66	7.15	GRD	GR-LT	EN	ms						VT	75-90	<1	0.5	t	t		t	t				Light green phyllic altered envelopes around frequent pyrite/sulphide veinlets. Sub intervals of breccia vein and weak prop alteration
			264.06	264.39	0.33	VEN	BK/GY-DK	BX							VN	60		1	w	w							Black grey brecciated vein with angular and sub angular clasts, 1mm-5cm, of strong altered GRD
			259.92	260.13	0.21	GRD	GR/GY-DK	MG					pro	wm					t	t							w-m propylitic alteration with trace pyr
			261.27	261.96	0.69	GRD	GR/GY-DK	MG					pro	wm					t	t							w-m propylitic alteration with trace pyr
			264.09	264.43	0.34	GRD	WH/GR-LT	MG		s																	Strong argillic alteration
			264.66	266.22	1.56	GRD	GR/BK	MG					pro	ms					t	t							Mod to strong prop alteration with patches of massive anhedral black mineral...tourmaline? Trace disseminated pyr.
			266.22	271.50	5.28	GRD	WH/GR-LT	EN		s																	Strong argillic envelope
			266.52	266.84	0.32	FEL	GR/TN-DK	PO											w	w							Thin dyke with mineralization on bottom FEL-GRD contact
			266.80	266.98	0.18	VEN	BK/BN	FG							VN	75-88	18.0	1	f	f	t		t	t			Fine grained black/brown vein with med-coarse grained blebs of pyr. Trace gal and arseno. Hematite in fractures
			266.98	271.12	4.14	GRD	GR-LT	EN	ms										t	t							Mod to strong phyllic altered GRD with veins of pyrite, arseno and sphal. Arseno is in≤1cm crystalline blebs in vein -270.27m- with white/grey quartz and orange-milky quartz. Trace disseminated. Pyr throughout interval and pyr veinlets
															VN	65-90	2.5	2	25	20	3	2	t				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other													Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			267.80	268.80	1.00	FEL	GR/TN-MD	PO-VN	ms						DK	90												Strong altered qtz feldspar porphyry dyke strong lattice veining. Low recovery
								LA							VT		<1	20	w	w			t			
			271.50	272.29	0.79	GRD	GR-MD	MG	ms	wm					VT	65-90	<1	4	t	t								Mod to strong phyllic and weak argillic alteration of GRD with pyr veinlets
			272.29	272.66	0.37	GRD	WH/GR/PK-LT	MG		ms																		Mod to strong argillic alteration
			272.66	274.45	1.79	GRD	GR/GY/PK-DK	MG		wm			pro	wm														Low recovery, very friable, dark green/grey/pink w-m prop and argillic alteration
			274.45	275.33	0.88	GRD	WH/GR/PK	MG		ms																		Mod-strong argillic alteration (kaolinite?)
			275.33	276.62	1.29	GRD	GR/PK-LT	MG	m	m																		Mod phyllic and argillic alteration; 50/50 clay/epidote
			276.62	277.05	0.43		GR-DK	MG-VN	wm										t	t								Weak to moderate phyllic alteration with pyr
			277.05	280.41	3.36	GRD	GR-LT/DK	MG	ms						VT	45-90	<1	4	t	t								Dark/light green, mod/strong phyllic altered GRD, blebs of pyrite in lower dark green/grey section, pyrite veinlets in light green upper section
280.41	284.43	4.02				FEL	GR/TN-MD	PO	wm						DK													Qtz feldspar porphyry dyke with a vein cross cutting
			282.46	282.65	0.19	VEN	BK/GY-DK	FG							VN	90		1	w	w								Dark black grey vein zone with veinlets and blebs of pyr
284.43	285.37	0.94				GRD	GR-LT	MG	s										t	t								Strong phyllic altered GRD in between the qtz feldspar porphyry, bottom 10cm is med grey fine grained clay altered sulphides?
285.37	289.68	4.31				FEL	PK/TN/GR	PO	w				pot	w	VT	10.0-90	<1	10	n									Quartz feldspar porphyry with calcite-Qtz veinlets crosscutting in a net texture. Veinlets have a blue/green tinge. 285.37-287.60 has a pink/tan hue with the remainder a pale tan/green. Weak pot and phyll alteration.
289.68	289.92	0.24				VEN	BK/GY-DK	BX											t	t	t							Contact between FEL-PO and GRD. Vein has brecciated texture and hosts trace pyr and arseno. Groundmass is aphanitic, black-sulphide rich? With clasts <1-5mm in size. Elongated clasts parallel to sharp contact.
															VT	65	<1	<1										Calcite veinlet cross cuts
289.92	292.40	2.48				GRD	GR-LT	EN	s						VT	0, 55-90	<1	7	w	w								Strong phyllic envelope around 2 main vein zones. Phyllic envelope has pyr veinlets that exist with a soft fine grained blue grey mineral. Main veins:
			290.14	290.39	0.25	VEN	BK/GY-DK	LA	s						VN	60	25.0	1	ms	ms	t	w	t					Vein consists of 6cm of breccia described 289.68-289.92, remainder is strong phyllic alteration with pyr, sphal veinlets cutting at 60°

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
															VT	60	<1	1									Discontinuous off white milky and grey/white qtz veinlets q
			290.86	291.48	0.62	VEN	SI/BR/GY-DK	XL							VN	65	38.0	1	40	ms	25	m	w			X	MONEY VEIN. Massive, crystalline arseno, pyr, gal, and sphal. Arseno and pyr also are dusty disseminated texture and as 1mm-1cm blebs. Non sulphide minerals are yellow milky Qtz, translucent white/grey quartz. Also 10% is strong phyllic altered GRD with disseminated pyr and arseno pervasive
292.40	301.74	9.34				GRD	GR/GY-MD	MG											t	t							Patches of phyll, argillic/phyllic, and prop alteration with weak potassic alteration. 15/25/60 phyllic, argillic, prop ratios
															VT	10.0-35	<1	1									Carbonate veinlets cross cuts:
															VT	75-95	<1	2	t	t							Pyr veinlets throughout, 1cm offset by carbonate
			293.36	293.70	0.34	GRD	GR-LT	EN	s						VT	65	<1	5	w	w							Strong phyllic altered GRD around 3-4 pyr veinlets at 65°
			293.93	294.04	0.11	APL	PK-MD	FG							DK	55	11.0	1	n								Fine grained, pink aplite dyke with white and clear quartz in middle of dyke. Qtz vein contains angular, blocky, epidote crystals
			299.95	300.15	0.20	GRD	GR-LT	EN	s						VT	70	<1	2	n								Phyllic envelope around 2 parallel white/grey , yellow, milky qtz veinlets at 70°
301.74	306.66	4.92				GRD	GR-MD	EN	ms						VT	75-85	<1	5	t	t							Strong phyllic dominated interval with 20% prop alteration. Trace disseminated pyr and pyrite veinlets
															VT	10.0-30	<1	1									Carbonate veinelts
			301.94	302.20	0.26	GRD	GR-LT	EN	s																		Strong phyllic altered envelope around a 2 cm (TT), white/off-white milky vein with breccia clasts of angular translucent grey/white Qtz. Clasts are 1-3 mm in length. Translucent grey/white pre-existed the milky vein
								BX							VN				t	t							
			304.04	304.64	0.60	GRD	GR-LT		s		ms				VT	75-85	<1	5	w	w		w					Strong phyllic altered GRD around 5 pyrite/sphal veinlets
			304.75	304.89	0.14	FEL	GY/GR-MD	FG	m						VT	65-85	<1	6	w	w							Tourmaline-Qtz-feldspar dyke
						APL?																					
			305.40	306.66	1.26	GRD	GY/GR		wm										t	t							Tourmaline (w) with GRD, w-m phyllic altered. Trace disseminated pyr.
306.66	307.28	0.62				FEL	GY/GR-MD	FG	m						VT	65-85	<1	6	w	w							To-qtz-feldspar felsic dyke, mod phyllic alteration with pyrite veinlets and disseminated pyrite
						APL?																					
307.28	311.20	3.92				GRD	GR-LT/MD	MG	ms										t	t							Strong phyllic altered GRD with pyr veinlets and disseminated and blebs of pyr. 310.17m is a white/milky qtz vein. Same texture as 301.94-302.20. Brxx qtz at 80°.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Argillic	Silicious	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m	Total Minerals	Pyrite	Arsenopyrite	Sphalerite	Galena	Hematite	Magnetite	Photo	
			310.73	310.74	0.01	VEN									VN	83	1.0	1	100	100							1 cm pyr vein
311.20	313.87	2.67				GRD	GR/GY-DK	MG					pro	wm					t	t							Prop altered GRD with pyrite veinlets <1mm at 75° with adjacent disseminated pyrite
313.87	314.88	1.01				GRD	GR-LT	MG	ms		s								t	t							M-s phyllic altered GRD with:
															VT	80	<1	4									White/grey translucent qtz with yellow/milky qtz veins
															VT	75-80	<1	<1	w	w							Pyrite veinlets with disseminated pyr
314.88	327.66	12.78				GRD	GR/GY-DK	MG					pot	w	VT	65-85	<1	1	t	t				t			Weak potassic and propylitic altered GRD with 15% argillic alteration with infrequent pyr microveinlets. Hematite in end fracture.
													pro	w													
327.66	EOH																										

GEOTECHNICAL LOG

HOLE: KL-11-14

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
7.20	8.23	1.03	0.94	91	0.00	0	W	MW		
8.23	11.28	3.05	2.76	90	0.67	22	M	MW		
11.28	14.33	3.05	2.92	96	1.17	38	W	LW		
14.33	17.37	3.04	3.05	100	2.19	72	W	SW		
17.37	20.12	2.75	2.98	108	1.37	50	M	MW		
20.12	23.47	3.35	2.93	87	1.41	42	S	SW		
23.47	26.52	3.05	2.95	97	0.78	26	M	SW		
26.52	29.57	3.05	3.05	100	1.88	62	S	SW		
29.57	32.61	3.04	3.04	100	1.29	42	M	MW		
32.61	35.66	3.05	2.97	97	1.45	48	S	FR		
35.66	38.71	3.05	3.05	100	2.37	78	VS	FR		
38.71	41.76	3.05	3.05	100	1.55	51	S	SW		
41.76	44.81	3.05	3.10	102	0.29	10	M	SW		
44.81	47.85	3.04	3.12	103	2.26	74	S	SW		
47.85	50.90	3.05	3.02	99	1.63	53	M	MW		
50.90	53.95	3.05	3.05	100	1.29	42	S	SW		
53.95	57.00	3.05	2.86	94	2.05	67	S	SW		
57.00	60.05	3.05	2.79	91	1.35	44		FR		
60.05	63.09	3.04	3.19	105	1.38	45		FR		
63.09	66.14	3.05	2.98	98	1.34	44		FR		
66.14	69.19	3.05	3.01	99	2.03	67		FR		
69.19	72.24	3.05	2.95	97	1.36	45		FR		
72.24	75.29	3.05	3.01	99	2.70	89		FR		
75.29	78.33	3.04	2.99	98	2.51	83		FR		
78.33	81.38	3.05	3.09	101	2.25	74		SW		
81.38	84.43	3.05	2.90	95	0.96	31		FR		
84.43	87.48	3.05	2.93	96	1.52	50		FR		
87.48	90.53	3.05	3.03	99	1.63	53		FR		
90.53	93.57	3.04	3.04	100	1.92	63		FR		
93.57	96.62	3.05	2.81	92	1.17	38		FR		
96.62	99.67	3.05	3.00	98	0.97	32		FR		
99.67	102.71	3.04	2.77	91	0.63	21		FR		
102.71	105.77	3.06	3.20	105	0.50	16		FR		
105.77	108.81	3.04	3.10	102	1.31	43		FR		
108.81	111.86	3.05	3.13	103	2.27	74		FR		
111.86	114.91	3.05	3.08	101	1.81	59		FR		
114.91	117.96	3.05	2.98	98	1.22	40		FR		
117.96	121.01	3.05	3.00	98	0.77	25		FR		
121.01	124.01	3.00	3.05	102	2.54	85		FR		
124.01	127.10	3.09	2.80	91	1.94	63		FR		
127.10	130.15	3.05	3.10	102	1.60	52		FR		
130.15	133.20	3.05	3.00	98	1.64	54		FR		
136.25	136.25	0.00	2.99	####	1.13	####		FR		
136.25	139.29	3.04	2.88	95	2.17	71		FR		
139.29	142.34	3.05	3.23	106	2.19	72		FR		
142.34	145.37	3.03	3.12	103	2.25	74		FR		
145.37	148.44	3.07	2.97	97	2.23	73		FR		
148.44	151.49	3.05	2.79	91	1.74	57		FR		
151.49	154.53	3.04	3.12	103	1.76	58		FR		
154.53	157.58	3.05	2.94	96	0.76	25		FR		
157.58	160.63	3.05	3.13	103	1.84	60		FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	2.98	98	2.00	66		FR		
163.68	166.73	3.05	2.66	87	2.13	70		FR		
166.73	169.77	3.04	3.21	106	1.14	37		FR		
169.77	172.82	3.05	3.00	98	1.68	55		FR		
172.82	175.87	3.05	3.12	102	1.48	49		FR		
175.87	178.96	3.09	2.94	95	2.17	70		FR		
178.96	181.97	3.01	3.03	101	2.20	73		FR		
181.97	185.08	3.11	3.02	97	2.65	85		FR		
185.08	188.06	2.98	2.98	100	2.45	82		FR		
188.06	191.11	3.05	3.04	100	2.27	74		FR		
191.11	194.16	3.05	2.97	97	2.46	81		FR		
194.16	197.21	3.05	3.07	101	1.09	36		FR		
197.21	200.25	3.04	2.37	78	0.99	33		FR		
200.25	203.30	3.05	2.98	98	2.14	70		FR		
203.30	206.35	3.05	2.93	96	1.68	55		FR		
206.35	209.40	3.05	3.02	99	2.02	66		FR		
209.40	212.45	3.05	3.00	98	2.10	69		FR		
212.45	215.49	3.04	2.98	98	1.82	60		FR		
215.49	218.54	3.05	2.76	90	1.02	33		FR		
218.54	221.59	3.05	3.01	99	1.69	55		FR		
221.59	224.64	3.05	3.07	101	2.10	69		FR		
224.64	227.69	3.05	3.02	99	2.12	70		FR		
227.69	230.73	3.04	3.04	100	2.17	71		FR		
230.73	233.78	3.05	3.08	101	2.27	74		FR		
233.78	236.82	3.04	3.14	103	2.47	81		FR		
236.82	239.88	3.06	3.04	99	2.46	80		FR		
239.88	242.92	3.04	2.37	78	0.29	10		FR		
242.92	245.97	3.05	2.89	95	1.05	34		FR		
245.97	249.02	3.05	3.09	101	1.90	62		FR		
249.02	252.07	3.05	2.73	90	1.72	56		FR		
252.07	255.12	3.05	2.91	95	1.88	62		FR		
255.12	258.17	3.05	2.88	94	2.18	71		FR		
258.17	261.21	3.04	3.05	100	2.02	66		FR		
261.21	264.26	3.05	3.07	101	2.04	67		FR		
264.26	267.31	3.05	2.88	94	1.57	51		FR		
267.31	270.36	3.05	2.56	84	1.06	35		FR		
270.36	273.41	3.05	2.75	90	1.65	54		FR		
273.41	276.45	3.04	2.84	93	0.62	20		FR		
276.45	279.50	3.05	2.82	92	1.80	59		FR		
279.50	282.55	3.05	3.04	100	1.67	55		FR		
282.55	285.60	3.05	2.93	96	1.30	43		FR		
285.60	288.65	3.05	3.05	100	1.06	35		FR		
288.65	291.69	3.04	3.05	100	1.76	58		FR		
291.69	294.74	3.05	3.00	98	1.99	65		FR		
294.74	297.79	3.05	2.99	98	1.27	42		FR		
297.79	300.84	3.05	3.01	99	2.00	66		FR		
300.84	303.89	3.05	2.99	98	2.09	69		FR		
303.89	306.93	3.04	3.01	99	2.59	85		FR		
306.93	309.98	3.05	2.88	94	1.67	55		FR		
309.98	313.03	3.05	3.05	100	1.73	57		FR		
313.03	316.08	3.05	3.05	100	2.00	66		FR		
316.08	319.13	3.05	3.05	100	2.65	87		FR		
319.13	322.17	3.04	3.05	100	2.10	69		FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
322.17	325.22	3.05	2.68	88	0.68	22		FR		
325.22	327.66	2.44	1.83	75	0.00	0		FR		
327.66	EOH									

SAMPLE LOG

HOLE: KL-11-14

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	7.20	7.20		0	N/S						Casing - no recovery
7.20	10.32	3.12	3.10	99	K271157	1					
10.32	13.22	2.90	2.70	93	K271158	1					
					K271159	1					Blank
13.22	16.27	3.05	3.05	100	K271160	1					
16.27	19.07	2.80	2.80	100	K271161	1					
19.07	20.42	1.35	1.28	95	K271162	1					
20.42	23.15	2.73	2.57	94	K271163	1					
23.15	24.96	1.81	1.81	100	K271164	1					
					K271165	1					Standard: CDN-ME-16
24.96	26.98	2.02	1.95	97	K271166	1					
26.98	29.43	2.45	2.41	98	K271167	1					
29.43	31.12	1.69	1.67	99	K271168	1					
31.12	34.17	3.05	3.05	100	K271169	1					
34.17	36.92	2.75	2.67	97	K271170	1					
36.92	39.92	3.00	2.96	99	K271171	1					
					K271172	1					Duplicate of *171
39.92	40.87	0.95	0.95	100	K271173	1					
40.87	41.35	0.48	0.48	100	K271174	1					
41.35	42.20	0.85	0.85	100	K271175	1					
42.20	44.57	2.37	2.37	100	K271176	1					
44.57	46.58	2.01	1.98	99	K271177	1					
46.58	48.15	1.57	1.57	100	K271178	1					
48.15	49.47	1.32	1.31	99	K271179	1					
49.47	50.99	1.52	1.49	98	K271180	1					
					K271181	1					Blank
50.99	51.85	0.86	0.86	100	K271182	1					
51.85	52.79	0.94	0.94	100	K271183	1					
52.79	53.69	0.90	0.90	100	K271184	1					
53.69	55.82	2.13	2.12	100	K271185	1					
					K271186	1					Standard ME-16
55.82	57.12	1.30	1.27	98	K271187	1					
57.12	59.18	2.06	2.06	100	K271188	1					
59.18	60.62	1.44	1.21	84	K271189	1					
60.62	63.09	2.47	2.47	100	K271190	1					
63.09	66.14	3.05	3.03	99	K271191	1					
66.14	69.19	3.05	3.04	100	K271192	1					
69.19	72.24	3.05	3.02	99	K271193	2					
72.24	75.29	3.05	3.05	100	K271194	2					
75.29	78.33	3.04	3.00	99	K271195	2					
78.33	81.38	3.05	3.05	100	K271196	2					
					K271197	2					Standard ME-16
81.38	84.43	3.05	2.80	92	K271198	2					
84.43	87.48	3.05	3.03	99	K271199	2					
87.48	90.53	3.05	3.05	100	K271200	2					
90.53	93.57	3.04	3.04	100	K271201	2					
93.57	94.62	1.05	1.04	99	K271202	2					
94.62	95.28	0.66	0.66	100	K271203	2					
					K271204	2					Blank
95.28	96.62	1.34	1.20	90	K271205	2					
96.62	99.67	3.05	3.05	100	K271206	2					
99.67	102.71	3.04	3.00	99	K271207	2					
102.71	104.42	1.71	1.71	100	K271208	2					
104.42	105.20	0.78	0.78	100	K271209	2					
105.20	107.54	2.34	2.34	100	K271210	2					
107.54	108.50	0.96	0.96	100	K271211	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.50	110.11	1.61	1.60	99	K271212	2					
110.11	111.54	1.43	1.41	99	K271213	2					
111.54	113.35	1.81	1.81	100	K271214	2					
					K271215	2					Duplicate
113.35	115.52	2.17	2.17	100	K271216	2					
115.52	117.07	1.55	1.50	97	K271217	2					
117.07	117.71	0.64	0.62	97	K271218	2					
117.71	119.19	1.48	1.40	95	K271219	2					
119.19	120.10	0.91	0.91	100	K271220	2					
120.10	121.10	1.00	1.00	100	K271221	2					
					K271222	2					Blank
121.10	122.41	1.31	1.30	99	K271223	2					
122.41	123.51	1.10	1.10	100	K271224	2					
					K271225	2					Standard ME-16
123.51	125.46	1.95	1.95	100	K271226	2					Includes aplite dyke
125.46	126.66	1.20	1.05	87	K271227	2					
126.66	127.14	0.48	0.48	100	K271228	2					
127.14	128.00	0.86	0.84	98	K271229	3					
128.00	130.15	2.15	2.15	100	K271230	3					
130.15	133.20	3.05	3.05	100	K271231	3					
133.20	136.25	3.05	3.05	100	K271232	3					
136.25	139.29	3.04	2.97	98	K271233	3					
					K271234	3					Standard ME-16
139.29	140.19	0.90	0.90	100	K271235	3					
140.19	142.34	2.15	2.15	100	K271236	3					
142.34	144.48	2.14	2.14	100	K271237	3					
144.48	145.80	1.32	1.32	100	K271238	3					
145.80	146.79	0.99	0.97	98	K271239	3					
					K271240	3					Blank
146.79	148.04	1.25	1.25	100	K271241	3					
148.04	150.30	2.26	2.22	98	K271242	3					
150.30	153.10	2.80	2.78	99	K271243	3					
153.10	155.13	2.03	2.03	100	K271244	3					
155.13	156.07	0.94	0.93	99	K271245	3					
156.07	158.24	2.17	2.11	97	K271246	3					
					K271247	3					Blank
158.24	161.07	2.83	2.86	101	K271248	3					
161.07	162.86	1.79	1.73	97	K271249	3					
162.86	164.89	2.03	2.03	100	K271250	3					
164.89	166.73	1.84	1.89	103	K271251	3					
166.73	169.77	3.04	2.92	96	K271252	3					
169.77	172.82	3.05	3.10	102	K271253	3					
					K271254	3					Standard ME-16
172.82	175.87	3.05	3.05	100	K271255	3					
175.87	178.92	3.05	3.05	100	K271256	3					
178.92	181.97	3.05	3.05	100	K271257	3					
181.97	185.01	3.04	3.04	100	K271258	3					
					K271259	3					Duplicate
185.01	188.06	3.05	3.02	99	K271260	3					
188.06	190.18	2.12	2.12	100	K271261	3					
190.18	192.32	2.14	2.18	102	K271262	3					
192.32	193.88	1.56	1.50	96	K271263	3					
193.88	195.53	1.65	1.61	98	K271264	3					
195.53	197.51	1.98	1.98	100	K271265	4					
197.51	198.10	0.59	0.33	56	K271266	4					Low recovery;
198.10	199.56	1.46	1.46	100	K271267	4					
199.56	201.90	2.34	2.31	99	K271268	4					
201.90	203.47	1.57	1.53	97	K271269	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
203.47	203.94	0.47	0.46	98	K271270	4					
					K271271	4					Blank
203.94	205.14	1.20	1.10	92	K271272	4					
205.14	206.80	1.66	1.66	100	K271273	4					
206.80	207.51	0.71	0.67	94	K271274	4					
207.51	209.40	1.89	1.92	102	K271275	4					
209.40	212.45	3.05	3.05	100	K271276	4					
					K271277	4					Standard ME-16
212.45	215.49	3.04	3.04	100	K271278	4					
215.49	218.54	3.05	2.80	92	K271279	4					
218.54	221.59	3.05	3.02	99	K271280	4					
221.59	223.76	2.17	2.17	100	K271281	4					
223.76	225.06	1.30	1.30	100	K271282	4					
					K271283	4					Duplicate
225.06	227.60	2.54	2.55	100	K271284	4					
227.60	229.86	2.26	2.14	95	K271285	4					
229.86	231.76	1.90	1.90	100	K271286	4					
231.76	232.50	0.74	0.74	100	K271287	4					
232.50	232.79	0.29	0.29	100	K271288	4					
					K271289	4					Blank
232.79	233.17	0.38	0.37	97	K271290	4					
233.17	236.03	2.86	2.87	100	K271291	4					
236.03	236.98	0.95	0.95	100	K271292	4					
236.98	239.31	2.33	2.22	95	K271293	4					
					K271294	4					Standard PL-2
239.31	240.32	1.01	1.01	100	K271295	4					
240.32	242.71	2.39	2.15	90	K271296	4					
242.71	245.42	2.71	2.71	100	K271297	4					
245.42	246.85	1.43	1.43	100	K271298	4					
246.85	248.00	1.15	1.15	100	K271299	4					
248.00	248.84	0.84	0.84	100	K271300	4					
248.84	250.07	1.23	1.22	99	K272001	5					
250.07	250.89	0.82	0.82	100	K272002	5					
250.89	252.21	1.32	1.32	100	K272003	5					
252.21	253.15	0.94	0.95	101	K272004	5					
					K272005	5					Blank
253.15	254.79	1.64	1.55	95	K272006	5					
254.79	257.51	2.72	2.73	100	K272007	5					
257.51	259.02	1.51	1.44	95	K272008	5					
259.02	259.74	0.72	0.72	100	K272009	5					
259.74	260.98	1.24	1.25	101	K272010	5					
					K272011	5					Standard PL-2
260.98	263.91	2.93	2.93	100	K272012	5					
263.91	266.52	2.61	2.61	100	K272013	5					
266.52	268.94	2.42	2.30	95	K272014	5					
268.94	270.34	1.40	1.40	100	K272015	5					
270.34	273.41	3.07	3.00	98	K272016	5					
273.41	276.45	3.04	3.00	99	K272017	5					
276.45	278.95	2.50	2.43	97	K272018	5					
278.95	280.41	1.46	1.44	99	K272019	5					
				####	K272020	5					Duplicate
280.41	282.65	2.24	2.24	100	K272021	5					
					K272022	5					Blank
282.65	284.43	1.78	1.74	98	K272023	5					
284.43	285.46	1.03	1.03	100	K272024	5					
285.46	287.52	2.06	2.02	98	K272025	5					
287.52	289.68	2.16	2.16	100	K272026	5					
289.68	290.71	1.03	1.03	100	K272027	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
290.71	291.72	1.01	1.01	100	K272028	5					
291.72	292.75	1.03	1.01	98	K272029	5					
					K272030	5					Standard PL-2
292.75	294.74	1.99	1.93	97	K272031	5					
294.74	297.79	3.05	3.00	98	K272032	5					
297.79	300.84	3.05	3.03	99	K272033	5					
300.84	303.82	2.98	2.95	99	K272034	5					
303.82	304.75	0.93	0.93	100	K272035	5					
304.75	306.44	1.69	1.67	99	K272036	5					
306.44	307.46	1.02	1.02	100	K272037	6					
307.46	310.09	2.63	2.47	94	K272038	6					
310.09	311.20	1.11	1.11	100	K272039	6					
					K272040	6					Blank
311.20	313.87	2.67	2.67	100	K272041	6					
313.87	314.88	1.01	1.01	100	K272042	6					
314.88	316.08	1.20	1.20	100	K272043	6					
					K272044	6					Standard ME-16
316.08	319.13	3.05	3.05	100	K272045	6					
319.13	322.17	3.04	3.05	100	K272046	6					
322.17	325.22	3.05	3.00	98	K272047	6					
325.22	327.66	2.44	1.90	78	K272048	6					EOH

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-14

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00				
6.00				
7.00				
8.00			7.479	
9.00			9.733	
10.00			0.262	
11.00			0.508	
12.00			8.693	
13.00			4.865	
14.00			19.190	
15.00			12.840	
16.00			11.630	
17.00			15.800	
18.00			18.640	
19.00			18.650	
20.00			21.110	
21.00			9.826	
22.00			18.630	
23.00			13.170	
24.00			20.820	
25.00			16.300	
26.00			17.080	
27.00			18.000	
28.00			20.920	
29.00			22.460	
30.00			18.400	
31.00			20.930	
32.00			9.506	
33.00			20.640	
34.00			18.700	
35.00			24.320	
36.00			21.250	
37.00			19.050	
38.00			18.880	
39.00			9.101	
40.00			21.460	
41.00			0.553	
42.00			3.592	
43.00			22.440	
44.00			26.280	
45.00			9.982	
46.00			0.145	
47.00			1.043	
48.00			0.371	
49.00			1.128	
50.00			0.421	
51.00			0.423	
52.00			11.02	
53.00			1.323	
54.00			17.92	
55.00			17.66	
56.00			14.05	
57.00			0.415	
58.00			18.01	
59.00			19.02	
60.00			18.6	
61.00			19.56	
62.00			27.09	
63.00			19.31	
64.00			19.21	
65.00			19.81	
66.00			30.82	
67.00			21.91	
68.00			19.25	
69.00			20.47	
70.00			18.53	
71.00			10.72	
72.00			18.89	
73.00			19.53	
74.00			18.23	
75.00			20.03	
76.00			21.4	
77.00			20.46	
78.00			21.96	
79.00			20.11	
80.00			22.23	
81.00			19.47	
82.00			19.91	
83.00			20.48	
84.00			18.81	
85.00			18.91	
86.00			22.17	
87.00			18.89	
88.00			20.02	
89.00			9.29	
90.00			23.21	
91.00			21.33	
92.00			20.48	
93.00			21.61	
94.00			21.76	
95.00			0.582	
96.00			21.46	
97.00			21.49	
98.00			15.9	
99.00			23.45	
100.00			12.64	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			17.580	
102.00			17.830	
103.00			20.150	
104.00			16.950	
105.00			0.406	
106.00			0.561	
107.00			0.342	
108.00			2.123	
109.00			0.932	
110.00			0.795	
111.00			0.186	
112.00			0.249	
113.00			0.517	
114.00			0.381	
115.00			0.745	crumbles
116.00			9.712	
117.00			4.323	
118.00			9.648	
119.00			5.135	
120.00			0.279	
121.00			0.140	
122.00			0.279	
123.00			0.341	
124.00			0.609	
125.00			0.471	
126.00			1.070	
127.00			0.606	
128.00			4.402	
129.00			15.780	
130.00			5.484	
131.00			17.240	
132.00			2.910	
133.00			15.590	
134.00			14.370	
135.00			16.430	
136.00			19.590	
137.00			18.390	
138.00			21.730	
139.00			21.480	
140.00			15.300	
141.00			12.790	
142.00			11.590	
143.00			1.001	
144.00			21.330	
145.00			17.920	
146.00			0.445	
147.00			3.420	
148.00			5.847	
149.00			28.650	
150.00			20.6	
151.00			29.17	
152.00			31.34	
153.00			20.19	
154.00			25.04	
155.00			0.636	
156.00			0.328	
157.00			0.385	
158.00			0.261	
159.00			13.12	
160.00			0.411	
161.00			11.91	
162.00			8.397	
163.00			0.552	
164.00			0.855	
165.00			21.72	
166.00			19.23	
167.00			16.87	
168.00			20.41	
169.00			17.75	
170.00			20.35	
171.00			20.97	
172.00			24.46	
173.00			23.92	
174.00			32.23	
175.00			26.05	
176.00			20.26	
177.00			15.07	
178.00			29.26	
179.00			36.63	
180.00			23.56	
181.00			28.07	
182.00			22.91	
183.00			28.96	
184.00			16.38	
185.00			18.44	
186.00			19.59	
187.00			23.56	
188.00			10.51	
189.00			19.76	
190.00			15.91	
191.00			5.712	
192.00			0.403	
193.00			2.127	
194.00			15.39	
195.00			13.18	
196.00			0.314	
197.00			0.274	
198.00			0.361	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION

MAGNETIC SUSCEPTIBILITY LOG

199.00			0.464	
200.00			0.945	
201.00			1.073	
202.00			0.890	
203.00			1.184	
204.00			0.517	
205.00			0.654	
206.00			18.320	
207.00			1.466	
208.00			21.200	
209.00			29.110	
210.00			37.720	
211.00			30.970	
212.00			28.770	
213.00			1.126	
214.00			35.420	
215.00			21.150	
216.00			36.040	
217.00			34.370	
218.00			0.842	
219.00			25.410	
220.00			11.340	
221.00			28.140	
222.00			26.140	
223.00			27.990	
224.00			0.621	
225.00			0.356	
226.00			7.010	
227.00			5.863	
228.00			9.419	
229.00			21.180	
230.00			7.009	
231.00			0.836	
232.00			0.226	
233.00			0.206	
234.00			0.250	
235.00			0.207	
236.00			0.203	
237.00			0.364	
238.00			0.289	
239.00			0.346	
240.00			0.890	
241.00			0.463	
242.00			0.254	
243.00			0.352	
244.00			0.249	
245.00			0.208	
246.00			0.294	
247.00			0.309	
248.00			0.370	
249.00			1.312	
250.00			0.574	
251.00			0.516	

252.00			1.507	
253.00			0.188	
254.00			0.212	
255.00			1.696	
256.00			2.164	
257.00			0.425	
258.00			0.293	
259.00			0.386	
260.00			9.08	
261.00			2.581	
262.00			0.336	
263.00			0.282	
264.00			0.301	
265.00			0.284	
266.00			15.02	
267.00			0.36	
268.00			0.63	
269.00			0.33	
270.00			0.507	
271.00			0.823	
272.00			0.553	
273.00			4.585	
274.00			7.594	
275.00			0.962	
276.00			1.409	
277.00			0.465	
278.00			0.349	
279.00			0.225	
280.00			0.211	
281.00			0.389	
282.00			0.178	
283.00			0.156	
284.00			0.171	
285.00			0.267	
286.00			0.348	
287.00			0.183	
288.00			0.174	
289.00			0.237	
290.00			0.166	
291.00			0.511	
292.00			0.221	
293.00			7.733	
294.00			0.312	
295.00			17.93	
296.00			13.78	
297.00			17.65	
298.00			13.34	
299.00			22.72	
300.00			0.893	
301.00			14.6	
302.00			0.319	
303.00			0.677	
304.00			5.773	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptiblity	DESCRIPTION
305.00			0.266	
306.00			0.278	
307.00			0.188	
308.00				MISSED
309.00				MISSED
310.00				MISSED
311.00				MISSED
312.00				MISSED
313.00				MISSED
314.00				MISSED
315.00				MISSED
316.00				MISSED
317.00				MISSED
318.00			18.040	
319.00			8.392	
320.00			2.264	
321.00			6.661	
322.00			14.780	
323.00			17.980	
324.00			5.261	
325.00			20.770	
326.00			5.096	
327.00			18.380	
328.00			EOH	

BOX LOG

HOLE: KL-11-14

BOX	FROM (m)	TO (m)
1	7.20	11.28
2	11.28	15.42
3	15.42	19.32
4	19.32	23.33
5	23.33	27.37
6	27.37	21.32
7	21.32	35.39
8	35.39	39.52
9	39.52	43.34
10	43.34	47.22
11	47.22	51.16
12	51.16	55.12
13	55.12	59.18
14	59.18	63.00
15	63.00	67.03
16	67.03	71.16
17	71.16	75.29
18	75.29	79.66
19	79.66	83.69
20	83.69	87.48
21	87.48	91.46
22	91.46	95.48
23	95.48	99.56
24	99.56	103.33
25	103.33	107.07
26	107.07	110.75
27	110.75	114.91
28	114.91	118.93
29	118.93	122.90
30	122.90	127.26
31	127.26	131.39
32	131.39	135.43
33	135.43	139.30
34	139.30	142.81
35	142.81	147.07

BOX	FROM (m)	TO (m)
36	147.07	151.33
37	151.33	155.57
38	148.07	159.65
39	159.65	163.68
40	149.07	167.73
41	167.73	171.86
42	150.07	175.98
43	175.98	180.33
44	151.07	184.49
45	184.49	188.82
46	152.07	192.84
47	192.84	196.93
48	153.07	201.14
49	201.14	205.07
50	154.07	209.17
51	209.17	213.07
52	155.07	217.03
53	217.03	221.29
54	156.07	225.24
55	225.24	229.27
56	157.07	233.52
57	233.52	237.74
58	237.74	241.98
59	241.98	245.97
60	245.97	250.01
61	250.01	254.03
62	254.03	258.17
63	258.17	262.53
64	262.53	266.39
65	266.39	270.36
66	270.36	274.45
67	274.45	277.80
68	277.80	281.76
69	281.76	285.60
70	285.60	289.46

BOX	FROM (m)	TO (m)
71	289.46	293.31
72	293.31	297.50
73	297.50	301.06
74	301.06	304.99
75	304.99	309.21
76	309.21	313.20
77	313.20	317.29
78	317.29	321.40
79	321.40	325.22
80	325.22	327.66
	EOH	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382788.6	6890385.1	1351.447	139.29

SECTION:

HOLE: KL-11-15

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (139.29m / EOH)

Casing depth: 6.10 (m) in / out

Drilling dates: June 12 - 14, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	78.33	36.6	-48.2	Ranger
17.37	34.1	-48.7	Ranger	93.57	36.8	-48	Ranger
47.85	37	-48.5	Ranger	108.81	36.4	-47.8	Ranger
63.09	36.3	-48.4	Ranger	139.29	40.9	-47.5	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.10	6.10		Overburden
14.07	33.42	19.35		Grandodiorite with some phyllic aand clay alteration.
				Both rock and stringers contain disseminated and
				blebs of pyrite.
34.43	40.25	5.82		Quartz Feldspar Porphyry Dyke
40.35	51.94	11.59		Phyllic Altered Granodiorite with some clay alteration.
				Disseminated pyrite and pyrite blebs located in and
				around veinlets.
83.30	83.70	0.40	BXA	Dark Grey Sulphide Breccia
86.47	87.07	0.60	BXA	Dark Grey Sulphide Breccia
126.00	126.55	0.55	APL	Aplite Dyke
				EOH @ 139.29m

SAMPLES

Numbers: K271601-K271668

Total: 68

Batch: DDH-15 B1 - 2

Date Sent: B1-2 (06-26)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-15

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
0.00	6.10	6.10				OVB	BN																				Overburden- Uncosolidated brown sandy clay with granodiorite fragments. Possible contact with bedrick granodiortie at 4.2m.
6.10	14.07	7.97				GRD									VT	40	1mm	2									Granodiorite - meduim grey granodiorite with white carbonate veinlet (1mm across) oriented at ~40° and ~180° tca. Fractures oriented at ~50° and ~185° tca.
			7.80	8.20	0.40	GRD	GNGY	DI	w											tw							Phyllic Altered Granodiortite with clay overprint. Core has undergone heavy weathering and oxidation. Disseminated pyrite in phyllic envelope but not seen in clay alteration.
			11.00	11.84	0.84	GRD	GNGY	DI	w	m										tw							Phyllic altered Granodiortie with moderate clay alteration. Disseminated pyrite throughout interval and weathering along fracture surface.
			12.17	12.59	0.42	GRD	GNGY	BL	w						VT	90	1mm	3		w							Phyllic Altered Granodiortite - Weakly phyllic altered with disseminated pyrite. White quartz and dark grey veinlets 1-2mm think with disseminated pyrite blebs oriented at ~70° and ~90°.
14.07	33.42	19.35				GRD	GNGY								FX	30		3									Grandodiorite - Grey Green granodiorite. Upper contact is gradational over 0.5m, fractures oriented at ~30° and ~80°. White quartz veinlets and dark grey stringer, oriented at ~55° and ~70°.
			15.87	15.89	0.02	VEN	DKGY	DT	f						VN	65				w							Dark Grey Green Phyllic altered band with weak amounts of disseminated pyrite oriented at 65° tca.
			21.01	21.47	0.46	GRD	GNOR			w										t							Clay Altered Granodiorite. Contains trace amnounts of disseminated pyrite.
			23.84	25.30	1.46	GRD	GNGY		w	w					VT	65		5		m			t				Weak Phyllic and Clay Altered Granodiorite. Dark grey veinlets oriented at 65°tca. Veinlets are 30-40% pyrite and between 3-7mm thick. Galena veinlets are oriented 50°-60° tca. There is increased clay alteration in the bottom 40cm of interval.
			29.00	29.25	0.25	GRD	GNGY			w					VT	45	1cm	1		m							Weak Clay Altered Granodiorite. Veinlet of interconnected, white (quartz) and dark grey veins. Pyrite blebs occure in veinlets. There is no sulphide mineralization visible in the rest of the interval.
			30.00	30.21	0.21	GRD	GNON		w	w										t							Weak Phyllic and Clay Altered Granodiorite. Contains trace amounts of disseminated pyrite.
			30.76	31.25	0.49	GRD	WHPK			m			pot	m-w	VT	70	5mm	4									Moderatly Clay Altered Grandodioritewith moderate to weak potassic alteration. Contains white quartz veinlets with pyrite blebs in the centers.
33.42	34.43	1.01				GRD	GNPK								VT	70	1mm										Moderatly Clay Altered Grandodiorite with weak potassic alteration. Dark grey veinlets oriented 70° tca.
			33.77	33.94		BXA	DKGY																				Dark Grey Breccia. Sub-angular to sub-rounded grey/green clasts in a dark grey matrix. Matrixd contains both pyrite blebs ab disseminated pyrite.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
34.43	40.25					FEL	BNGN	PO					lim		VT	25	1mm	2									Quartz Feldspar Porphyry Dyke- Medium brown green with sub angular to sub-rounded grey green phenocrysts (1mm-1cm across) in a fine grained matrix. White quartz veinlets are oriented at ~25˚ and ~85˚. Dark grey veinlets are 1-2mm thick form a lattice texturenear the top of the interval. Small zones of phyllic alteration are seen throughout interval as well as zones of dark grey pruple alteration which is seen in the lasdt third of the interval. The last 20cm of the interval are highly brecciated with calcite veining intruding the dyke. Limonite staining n fracture surfaces.
			37.53	37.62	0.09	FEL	BNGN	NE																			Quartz Feldspar Porphyry Dyke with net texture of quartz veinlets. The have intruded the porphyry rock forming the net texture.
40.35	51.94	11.59				GRD			w	w					VT	35	4mm	3									Grey Green Granodiorite with small zones of weak phyllic and clay alteration. Mafic zenoliths are present throughout the interval, ranging from 2-10cm across. There are 1-2 zenoliths per meter. The intervbal contains white quartz veinlets thata re oriented at ~30˚ , 65° and 87°. Fractures are oriented at ~40° tca.
			40.25	40.62	0.37	GRD	LTGY			m																	Clay Altered Granodiorite, with weak potassic alteratin. Light grey green in color. No visible sulphide mineralization.
			40.94	41.46	0.52	GRD	GNGY		m	m-w					VT	80	2cm	1		m							Phyllic, Clay and Propalytic Altered Granodiorite. The alterations are moderatky phyllic, weak to moderatly clay, and weak propalytic. Dark grey veinlet containing disseminated pyrite. White - tan quartz veinlet parallels dark grey veinlet. Dissemated pyrite and pyrite blebs in in envelope surrounding vein.
			41.46	41.94	0.48	GRD	LTGN			m																	Moderatly C lay Altered Grandiorite - with weak propalytic alteration. No visible sulphide mineralization.
			45.39	47.36	1.97	GRD	GNGY		m	m					VT	65	5mm	3		m							Pyllic Altered Granodiorite - with zones of moderate clay alteration and weak propalytic alteration throughout interval. Dark grey veinlets oriented at 65˚ and 15° tca that are 1-5mm thick. Disseminated pyrite and pyrite blebs are surrounding the net of quartz veinlets in the center of the interval. There is 22cm of moderate clay alteration at the end of the interval. weak amounts of galeana and pyrite are

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			48.61	50.63	2.02	GRD	LTGN		m	w					VT	60	6cm			w			w				Phyllic Altered Granodiorite with minor clay alteration throughout interval. Light grey green in color. There is a dark breccia veinlet in the first third of the interval oriented at approx 60° tca. Containig disseminated pyrite and galena. Clasts are grey green, subrounded, 1mm-1.5cm across. The second breccia veinlet is located in the last third of of the interval. It is oriented at approximatley 30° tca and is 3-4cm thick. Contains disseminated pyrite and pyrite blebs. Clasts are subangular to subrounded 1mm-1cm in size. Dark grey and white (quartz) veinlets are oriented at approx 60°, 40° and 70°. Thickness ranges from <1mm to 1cm
			51.10	51.94	0.84	GRD	LTGN		m	m					VT	75	2mm	2		w							Moderate Phyllic and Clay Light Greeen Granodiorite - White quartz veinlets oriented at ~75° tca. Dark Grey veinlets oriented at ~75° tca containign disseminated pyrite. Higher zone of phyllic alteration near botton of interval contains more disseminated pyrite.
51.94	57.00	5.06				FEL	GNBN	PO																			Quartz Feldspar Porphyry Dyke - similar to interval 34.43-40.25m, but contains no lattice texture. Dark purple grey alteration occures at start and end of interval but not in the middle. Fractures are oriented at ~35° tca. White quartz veinlets are oriented at ~25° and ~55° tca.
57.00	66.46	9.46							w	m			hem	m	VT	60		###									Clay Altered Light Grey Green Granodiorite with weak amounts of phyllic, propyllitic and potassic alteration throughout. Dark Grey veinlets are oriented at ~70° tca. Red heamatite veinlets oriented at ~60° tca.
			58.04	59.10	1.06	GRD	GN	DI	m	w					VT	50		3		tw							Moderatly Phyllic Altered Green Granodiorite with weak clay alteration. Dark grey and white (quartz) veinlets oriented at ~50° and ~80° tca. Disseminated pyrite occures throughout interval
			60.10	60.30	0.20	GRD	GNGY		ms	f																	Heavily zoned of phyllic altered granodiorite. Pyrite blebs and disseminated pyrite occure throughout the whole interval. Entire vein zone is oriented between ~80° and 90°.
			64.75	65.77	1.02	GRD	GYGN		w	m																	Zone of strong propyllitic altered granodiorite chlorite is prominent and is very dark green that it almost appears black in some areas.
66.50	70.85	4.35				GRD	GYGN		m	f					VT	60	3mm	###		w							Phyllic and Clay Altered Granodiorite. Moderate phyllic and fair clay alteration. Small zones in the middle of interval area fairly incompetent due to heavy clay alteration. Breaks up easily ffrom touch or spray of water. Veinlet phyllic zones contain disseminated pyrite.
			66.58	66.68	0.10	VEN	DKGY								VT	~90°	9cm	1									Intermixed dark grey and white (quartz) veinlets. Disseminated pyrite, galena and sphalerite around veinlets. Elongate clear quartz crystals ranging from 1mm to 1cm have grown in the vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			67.81	67.89	0.08	VEN	DKGY	DI	w						VT	65°	8cm	1		t							Dark Grey fine grained vein containing trace amounts of disseminated pyrite. Small phyllic altered granodiorite lens in vein, ~4cm across.
			69.49	69.57	0.08	BXA	DKGY	BX												t							Dark Grey Breccia with grey green granodiorite clasts. Last are sub-angular to subrounded and 1-3mm across. Calcite veinlets (1-3mm) oriented at 30° tca, which cross cut breccia. Trace amounts of disseminated pyrite.
70.85	77.66	6.81				GRD	GYGN								ST	40		3										Granodiorite with weak phyllic and propyllitic alteration. Medium grey green in color with dark grey stringers oriented at ~40˚ and ~8˚. White calcite stringers are oriented at ~60˚ and ~90˚ tca.
			72.38	75.12	2.46	GRD	GYGN		m	m					VT	75	2mm	3		tw							Moderatly Phyllic and Clay and Weakly Propyllitic Altered Green light Grey Granodiorite. White calcite veinlets oriented at ~75˚ and ~35˚ tca (1-4mm thick). Pink white quartz carbonate veinlets oriented at ~60˚ and ~83˚ tca. Dark Grey stringers oriented at ~ 49˚. Trace weak amounts of disseminated pyrite throughout.
			72.66	72.73	0.07	BXA	DKGY	BX												t							Same as interval, 69.49-69.57m but no crosss cutting calcite veinlet.
			72.95	73.05	0.10	BXA	DKGY	BX		m																	Bleached dark Grey Breccia. Same as interval 72.66m-72.73m except it has undergone moderate clay alteration.
77.66	80.40	2.74				GRD	GN		m	m					VT	80	2mm			t							Moderatly Phyllic and Clay and Weakly Propyllitic Altered Green Granodiorite. White calcite veinlets oriented at ~45˚ and ~80˚ tca (1-3mm thick). Dark Grey stringers oriented at ~60˚. Trace amounts of disseminated pyrite throughout interval.
			77.64	78.24	0.60	BXA	DKGY	NE	m	w											t			GN	t		Dark grey breccia with green/orange clast. Clasts are sub-angular to sub-rounded and range from 1mm-5cm across. Breccia hasd undergone moderate amounts of phyllic alteration as well as weak amounts of clay alteration. Pyrite is found in both disseminated and bleb form. There are trace amounts of galena and aresenopyrite throughout interval. There are sporatic blebs of sphalerite throughout interval. Unknow plae orange mineral, possibly carbonate, of moderate hardmess occures next to sulphide minerals in the bottom third of the interval.
			78.24	79.48	1.24	GRD	GYGN		w	m																	Clay Altered Granodiorite. Weakly phyllic, moderatly clay altered light grey green granodiorite. Much of interval has been broken up by drilling and its will crmble under the application of slight pressure.
			78.48	79.89	1.41	FEL	GNBN	PO		w					VT												Light Brown Green Quartz Feldspar Porphyry Dyke. Weakly Clay altered with veinlets of clay forming net texture in first 14cm.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			80.18	80.40	0.22	VEN	DKGY			ms										m		m	m				Dark Grey and White Sulphide vein Zone. Clay alteration made rock fairly incompetent and has been further broken up by drilling. Sulphide mineralization consists of blebs of disseminate pyrite, galena and spalerite. Also there is possible tetrahedrite mineralization.
80.40	83.30	2.90				FEL	GYGN	PO		w-s																	Clay Altered Quartz Feldspar Porphyry Dyke. Clay alteration is strongers at start of interval and is weaker throughout the rest of the interval. Dyke is heavily broken up from drilling. No visible sulphide mineralization.
			80.95	81.44	0.49	FEL	PNGY	PO		w																	Purple Grey Clay Altered Quartz Feldspar Porphyry Dyke. Weak amounts of clay alteration tghroughout the interval. No visible sulphide mineralization.
83.30	87.12	3.82				GRD	GNGY		w-m	m-ms					VT	50	8mm	1									Phyllic and Clay Altered Granodiorite with strong sulphide mineralization throughout. Grey green to pale green grey. Areas of stronger clay alteration are more incompitent. Interval appears to be in a fault zone which has caused much of the fracturing in the rock.
			83.30	83.70	0.40	BXA	DKGY	BX	w											s	s	s	s				Dark Grey Sulphide Breccia. Strong amounts of blebs and disseminated pyrite, galena, sphalerite and arsenopyrite.
			83.92	84.13	0.21	VEN	WTGY																				Dark Grey and White Quartz Sulphide Vein Zone. Contains blebs of and disseminated pyrite, sphalerite and galena. Vein zone is broken uop and orientaion is not possible to determine.
			84.39	84.91	0.52	VEN	WTGY			m																	Same as interval 82.92-84.13m except contains arsenopyrite and bottom half has undergone clay alteration.
			85.26	85.82	0.56	FEL	GYBN	PO		w			hem	m													Brown Grey Quartz Feldspar Porphyry Dyke. Similar to 80.40-83.30m, but phenocrysts are much smaller and less visible. Interval has been broken up by drill. Small amounts of of hematite staining along fracture surfaces.
			86.47	87.07	0.60	BXA	GNGY	NE	m	w										m	m	m	m				Green Dark Grey Breccia with net texture veins. Calsts are sub-angular to sub-rounded 1mm-5cm across. Blebs and disseminated pyrite, galena, sphalerite and arsenopyrite.
87.12	95.14	8.02				GRD	GYGN		w	m					ST	35		4									Clay Altered Granodiorite with weak phyllic and propyllitic alteration. White quartz stringers oriented at ~35° and ~70° tca. No visible sulphide mineralization throughout interval.
			90.91	91.04	0.13	VEN	GYWH													m			w				Dark grey and whit quartz veinlet zone. Disseminated pyrite and galena throughout interval.
			93.83	93.93	0.10	VEN	GYWH		m	s																	Dark grey and white quartz veinlets (1-6CM). Veins at start of interval contain disseminated pyrite. Last 2/3 of interval have undergone strong clay alteration and can be be deformed or broken by touch. No visible sulphide mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
95.14	104.77	9.63				GRD	GYGN								VT	75°	1mm	3-5									Grey Green Granodiorite that has undergone weak phyllic alteration around veinlet. Veinlets are either white quartz/carbonate or dark grey. They range from stringers to 2mm and are oriented at ~55° and ~75° tca. A few mafic zenoliths (4-12cm) are scattered throughout interval.
			96.84	96.91	0.07	VEN	WTGY								VT	65	2mm	2									2 Dark Grey Sulphide veinlets on eitehr side of a 1cm white quartz vein. They are oriented at 65° tca. Dark Grey veinlet contains disseminated pyrite while the quartz veinlet contains pyrite blebs.
			98.52	98.58	0.06	VEN	WHGY								VT	75	6cm	1									White/Grey Quartz Vein bounded on either side by dark grey sulphide veinlets oriented at 75°tca. Diseminated pyrite in dark grey portion of veinlets.
104.75	112.55	7.80				GRD	WTGN		w	m					VT	70	1mm	10									Moderate Clay altered pale wghite and green granodiorite with weak, phyllic alteration. White quartz carbonate stringers and veinlets oriented ~55° and ~70° tca. They occure approximatley every 5-10cm and there is no visible sulphide mineraliztion.
			105.67	105.71	0.04	BXA	DKGY													t							Dark Grey Breccia with grey green subangular to sub rounded elongate clasts 1mm-3cm across. Trace amounts of disseminated pyrite through breccia.
			108.98	109.80	0.82	GRD	BKGY								VT	70		5		m							Black Grey Massive Tourmaline Granodiorite. Forst 9cm of interval are breccia with a black matrix and grey clasts. White quartz carbonate veinlets oriented ~70° tca. Massive tourmailine makes up 10<50% of granodiortie depending on area of interval. Moderate amounts of disseminated pyrite throughout interval.
			110.37	111.30	0.93	GRD	GYGN			s										w							Strongly Clay Altered Granodiorite. Some protions of interval are so strongly clay altered that they deformor break under slight pressure. Weak amounts of disseminated pyrite throughout interval.
			110.71	111.18	0.47	GRD				s										m		w	w				Strongly Clay Altered and Broken Up Granodiorite and vein zone with weak alteration. Broken up due to clay alteration and drilling, whioch make it difficult to determine what the original core was. Contains moderate amounts of blebs and disseminated pyrite. Also has weak amounts of disseminated sphalerite and galena.
			111.93	111.96	0.03	VEN	GY								VT	87		1		m							Smolkey queartz veinklet oriented at approx 87°. Contains moderate amunts of pyrite blebs throughout veinlet.
112.55	139.29	26.74				GRD	GYGN		w	w					ST	60		4									Grey Granodiorite - Mostly unaltered but contains weak patches of phyllic and clay alteration. Drak Grey stringers are oriented at approx 60° and 50°. Trace amounts of diseminated pyrite throiughout interval.
			124.79	126.00	1.21	GRD	GYGN		w-m	w-m																	Weak to Moderate Clay and phyillic altered Granodiorite. No visible sulphide mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			126.00	126.55	0.55	APL	GYGN								VT	65											Grey Green Aplite Dyke - Fine grained (surgary texture) with disseminated pyrite, oriented at approx 65° and 80° tca, White quartz stringers are oriented at approx 20° and 50°. Tan carbonate vein (1-2cm thick) 12cm from bottom interval.
			126.55	126.89	0.34	GRD	GYGN		w-m	w-m																	Weak to Moderate Clay and phyillic altered Granodiorite. No visible sulphide mineralization.
			128.86	131.34	2.48	GRD	GYGN		m	w					VT	85	0	1									Moderatly Phyllic Altered Green Grey Granodiorite with weak clay alteration. White quartz veinlets located 28cm from start of interval oriented at approx 85° tca.
			130.56	130.87	0.31	FEL	BNGN	PO							VT	70	0	6									Brown Grey Quartz Feldspar Porphyry Dyke.Tan carbonate veinlets (1-3mm) oriented at approx 70 tca. Weak amounts of disseminated pyrite throughout.
			133.96	136.13	2.17	GDR	LTGY																				Light Grey Granodiorite with elongate (4mm) black tourmaline crystals throughout the interval
			136.74	137.11	0.37	GRD	GN		m						VT	55°	5	3		w							White (quartz) and dark grey veinlets (3-7mm) oriented at approx 55° tca. Weak amounts of disseminated pyrite throughout interval.
																											EOH @ 139.29m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-15

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	6.10	6.10				0				overburden
6.10	8.23	2.13	1.93	32	0.51	24	MS	SW		
8.23	11.28	3.05	1.66	78	1.02	33	MS	MW		
11.28	14.33	3.05	2.84	93	0.86	28	MS	MW		
14.33	17.37	3.04	3.16	104	0.92	30	MS	SW		
17.37	20.42	3.05	2.63	87	0.21	7	VS	SW		
20.42	23.47	3.05	3.12	102	0.80	26	VS	SW		
23.47	26.52	3.05	2.80	92	1.29	42	MS	MW		
26.52	29.57	3.05	2.67	88	0.47	15	S	SW		
29.57	32.61	3.04	2.85	93	0.73	24	MS	SW		
32.61	35.66	3.05	2.75	90	1.09	36	MS	FR		
35.66	38.71	3.05	3.10	102	2.59	85	MS	FR		
38.71	41.76	3.05	2.88	94	1.16	38	MS	SW		
41.76	44.81	3.05	2.96	97	1.68	55	S	FR		
44.81	47.85	3.04	2.84	93	1.16	38	MS	FR		
47.85	50.90	3.05	2.99	98	0.70	23	MS	FR		
50.90	53.95	3.05	2.97	97	2.58	85	S	FR		
53.95	57.00	3.05	3.06	100	1.17	38	S	FR		
57.00	60.05	3.05	2.98	98	1.48	49	MS	FR		
60.05	63.09	3.04	2.91	95	0.76	25	W	FR		
63.09	66.14	3.05	3.05	100	0.95	31	S	FR		
66.14	69.19	3.05	2.80	92	0.97	32	W	FR		
69.19	72.28	3.09	2.94	96	1.35	44	S	FR		
72.28	75.29	3.01	2.97	96	1.72	57	S	FR		
75.29	78.33	3.04	3.03	101	0.77	25	MS	FR		
78.33	81.38	3.05	2.17	71	0.55	18	W	FR		
81.38	84.43	3.05	2.44	80	0.00	0	MS	FR		
84.43	87.48	3.05	2.60	85	1.00	33	W	FR		
87.48	90.53	3.05	2.87	94	0.80	26	S	FR		
90.53	93.57	3.04	3.04	100	0.57	19	S	FR		
93.57	96.62	3.05	2.96	97	2.35	77	MS	FR		
96.62	99.67	3.05	2.61	86	0.63	21	MS	FR		
99.67	102.72	3.05	2.80	92	0.45	15	S	FR		
102.72	105.77	3.05	2.84	93	0.93	30	MS	FR		
105.77	108.81	3.04	2.91	95	1.28	42	MS	FR		
108.81	11.86	-96.95	2.66	87	1.32	-1	S	FR		
11.86	114.91	103.05	3.09	-3	1.60	2	VS	FR		
114.91	117.96	3.05	3.12	3	1.40	46	S	FR		
117.96	121.01	3.05	3.00	98	0.98	32	S	FR		
121.01	124.05	3.04	2.94	96	1.92	63	S	FR		
124.05	127.10	3.05	3.04	100	1.45	48	MS	FR		
127.10	130.15	3.05	2.96	97	1.53	50	S	FR		
130.15	133.25	3.10	3.05	100	1.69	55	S	FR		
133.25	136.25	3.00	3.07	99	2.12	71	S	FR		
136.25	139.29	3.04	2.94	98	2.04	67	W	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-15

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	6.10	6.10	3.00	49	K241601						Overburden 50% Recovery
6.10	8.20	2.10	2.05	98	K241602	1					
8.20	11.00	2.80	2.75	98	K241603	1					
11.00	14.07	3.07	2.03	66	K241604	1					
14.07	17.00	2.93	2.86	98	K241605	1					
17.00	19.00	2.00	2.00	100	K241606	1					
19.00	21.01	2.01	1.92	96	K241607	1					
21.01	23.84	2.83	2.81	99	K241608	1					
23.84	25.30	1.46	1.40	96	K241609	1					
					K241610	1					Blank
25.30	27.56	2.26	2.52	112	K241611	1					
27.56	29.00	1.44	1.32	92	K241612	1					
29.00	30.76	1.76	1.74	99	K241613	1					
30.76	34.43	3.67	3.56	97	K241614	1					
					K241615	1					Duplicate
34.43	37.43	3.00	2.96	99	K241616	1					Net texture at start
37.43	40.35	2.92	2.87	98	K241617	1					
40.35	43.00	2.65	3.02	114	K241618	1					
43.00	45.39	2.39	2.34	98	K241619	1					
45.39	47.36	1.97	1.94	98	K241620	1					
47.36	50.00	2.64	2.60	98	K241621	1					
50.00	51.94	1.94	1.89	97	K241622	1					
51.94	54.50	2.56	2.48	0	K241623	1					
					K241624	1					Standard: CDN-ME-16
54.50	57.00	2.50	2.43	97	K241625	1					
57.00	60.00	3.00	2.98		K241626	1					
60.00	63.00	3.00	2.87	96	K241627	1					
					K241628	1					Standard: CDN-ME-16
63.00	64.75	1.75	1.75	100	K241629	1					
64.75	66.50	1.75	1.64	94	K241630	1					
66.50	69.49	2.99	2.93	98	K241631	1					
69.49	70.85	1.36	1.54	113	K241632	1					
					K241633						Blank
70.85	73.70	2.85	2.84	100	K241634	1					
73.70	75.12	1.42	1.43	101	K241635	1					
75.12	76.66	1.54	1.54	100	K241636	1					
76.66	80.40	3.74	2.84	76	K241637	1					
80.40	83.30	2.90	2.90	100	K241638	1					Dyke
83.30	85.26	1.96	1.83	93	K241639						Mineralized Sulphide Zone
					K241640						Blank
85.26	87.12	1.86	1.80	97	K241641						
87.12	89.00	1.88	1.88	100	K241642						Standard: CDN-ME-16
					K241643						
89.00	92.00	3.00	2.98	99	K241644						
92.00	95	3.00	2.97	99	K241645						
95.00	97.04	2.04	1.92	94	K241646						
97.04	99.40	2.36	2.30	97	K241647						
99.40	102.00	2.60	2.45	94	K241648						
102.00	104.75	2.75	2.70	98	K241649						
104.75	107.00	2.25	2.20	98	K241650						
107.00	109.04	2.04	1.83	90	K241651						
109.04	109.80	0.76	0.73	96	K241652						Massive Tourmaline
109.80	111.18	1.38	1.20	87	K241653						
					K241654						Blank
111.18	112.55	1.37	1.34	98	K241655						
112.55	115.00	2.45	2.43	99	K241656						

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
115.00	118.00	3.00	2.97	99	K241657						
118.00	121.00	3.00	2.96	99	K241658						
					K241659						Standard: CDN-ME-16
121.00	124.00	3.00	2.92	97	K241660						
124.00	126.00	2.00	1.97	99	K241661						
126.00	126.50	0.50	0.55	110	K241662						Aplite Dyke
126.50	129.00	2.50	2.42	97	K241663						
129.00	132.00	3.00	2.96	99	K241664						
					K241665						Duplicate
132.00	135.00	3.00	2.95	98	K241666						
135.00	138.00	3.00	2.95	98	K241667						
138.00	139.29	1.29	1.25	97	K241668						
	EOH										

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-15

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00				
6.00				
7.00			25.71	
8.00			5.966	
9.00			8.143	
10.00			10.44	
11.00			0.987	
12.00			6.239	
13.00			23.59	
14.00			24.33	
15.00			19.38	
16.00			36.47	
17.00			27.68	
18.00			11.27	
19.00			9.391	
20.00			11.28	
21.00			7.144	
22.00			11.63	
23.00			22.61	
24.00			0.484	
25.00			0.299	
26.00			9.324	
27.00			10.83	
28.00			2.47	
29.00			6.98	
30.00			12.82	
31.00			5.001	
32.00			4.863	
33.00			14.41	
34.00			0.452	
35.00			0.284	
36.00			0.215	
37.00			0.211	
38.00			0.274	
39.00			0.396	
40.00			0.483	
41.00			0.567	
42.00			2.681	
43.00			12.73	
44.00			5.221	
45.00			8.301	
46.00			0.405	
47.00			0.61	
48.00			10.77	
49.00			0.234	
50.00			0.321	
51.00			3.365	
52.00			0.341	
53.00			0.255	
54.00			0.181	
55.00			0.162	
56.00			0.197	
57.00			0.316	
58.00			0.215	
59.00			0.281	
60.00			0.261	
61.00			0.692	
62.00			0.433	
63.00			0.451	
64.00			0.143	
65.00			0.384	
66.00			0.543	
67.00			0.313	
68.00			0.409	
69.00			0.344	
70.00			0.321	
71.00			7.734	
72.00			4.623	
73.00			0.236	
74.00			0.572	
75.00			0.607	
76.00			3.881	
77.00			0.417	
78.00			0.139	
79.00			0.235	
80.00			0.396	
81.00			0.325	
82.00			0.218	
83.00			0.166	
84.00			0.136	
85.00			0.593	
86.00			0.157	
87.00			0.315	
88.00			2.363	
89.00			0.538	
90.00			0.706	
91.00			0.356	
92.00			0.496	
93.00			0.358	
94.00			0.273	
95.00			0.464	
96.00			2.704	
97.00			1.249	
98.00			1.602	
99.00			0.522	
100.00			10.03	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			1.26	
102.00			11.27	
103.00			2.091	
104.00			0.382	
105.00			0.673	
106.00			0.335	
107.00			0.472	
108.00			0.31	
109.00			0.619	
110.00			0.194	
111.00			0.196	
112.00			0.273	
113.00			4.726	
114.00			14.14	
115.00			27.19	
116.00			34.08	
117.00			6.297	
118.00			29.26	
119.00			38.14	
120.00			34.5	
121.00			34.45	
122.00			41.45	
123.00			27.48	
124.00			30.47	
125.00			0.51	
126.00			0.323	
127.00			14.73	
128.00			29.4	
129.00			0.197	
130.00			2.204	
131.00			1.109	
132.00			32.83	
133.00			0.498	
134.00			25.35	
135.00			25.33	
136.00			34.68	
137.00			0.875	
138.00			11.82	
139.00			32.18	
			EOH	

BOX LOG

HOLE: KL-11-15

BOX	FROM (m)	TO (m)
1	0.00	6.98
2	6.98	11.00
3	11.00	14.90
4	14.90	18.72
5	18.72	22.31
6	22.31	26.36
7	26.36	29.87
8	29.87	33.50
9	33.50	37.52
10	37.52	41.28
11	41.28	45.27
12	45.27	49.22
13	49.22	53.37
14	53.37	57.76
15	57.76	61.76
16	61.76	65.77
17	65.77	69.76
18	69.76	73.70
19	73.70	77.60
20	77.60	81.66
21	81.66	84.56
22	84.56	88.22
23	88.22	91.87
24	91.87	95.97
25	95.97	99.56
26	99.56	102.72
27	102.72	106.60
28	106.60	110.37
29	110.37	113.92
30	113.92	117.98
31	117.98	121.71
32	121.71	125.82
33	125.82	130.00
34	130.00	134.13
35	134.13	139.29
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382816.06	6890340.2	1354.184	181.35

SECTION:

HOLE: KL-11-16

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (181.35m / EOH)

Casing depth: 0.00 (m) in / **out**

Drilling dates: June 14 - 16, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	87.48	35	-50.1	Ranger
26.51	34.7	-50.2	Ranger	117.95	36.1	-49.9	Ranger
57	34.5	-50.2	Ranger	148.43	37.6	-49.3	Ranger
72.23	34.2	-50.2	Ranger	178.92	39.4	-49.2	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Overburden
4.57	55.28	50.71	GRD	Phyllic and Clay Altered Granodiorite
55.28	55.52	0.24	BXA	Black Breccia with strong sulphide mineralization.
55.52	71.26	15.74	GRD	Weakly Phyllic altered Grey Granodiorite
71.46	76.24	4.78	POR	Quartz Feldspar Prophyry Dyke
76.50	81.44	4.94	BXA	Primarily Black Sulphide Breccia with intervals of clay
				and phylic altered breccia.
81.44	88.04	6.60	GRD	Phyllic and Clay Altered Granodiorite
88.04	92.91	4.87	BXA	Clay Altered Balck Sulphide Rich Breccia
92.91	116.55	23.64	GRD	Clay Altered Green Grey Granodiorite
104.39	104.46	0.07	VEN	Dark Grey Sulphide Vein Zone
116.55	132.76	16.21	GRD	Phyllic and Clay Altered Granodiorite
126.92	128.17	1.25	VEN/BXA	Low Quartz vein and Black Breccia with intsense
				amounts of disseminated sulphides.
135.7	135.78	0.08	VEN	Massive Pyrite Vein
132.76	181.45	48.69	GRD	Propylitic and Phyllic Altered Granodiorite with
	EOH			patches of strong propylitic alteration.

SAMPLES

Numbers: K271669-K271776

Total: 109

Batch: DDH-16 B1 - 3

Date Sent: B1 (07-04); B2 (07-06); B3 (07-09)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-16

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.57	4.57				OVB																					Overburden
4.57																											
	15.17	10.60				GRD	MDGY					i	lim	s	FX	30											Grey Unaltered Granodiorite with limonite staining along fracture surefaces. Fractures oriented ~30° tca. Patches are permanently oxidized and stained orange brown.
			7.67	8.38	0.71	GRD	BNGY		m	w		i	lim	s	FX	0											Phyllic and Clay Altered Granodiorite Brown Grey Granodiorite. Alteration is moderatly phyllic and weakly clay altered. Granodiorite with limonite staining on surface and in fractures.
			11.54	14.48	2.94	GRD	GY			f		i	lim	s													Clay Altered Granodiorite. Fair Clay alteration with limonite staining in and around fractures. Fractutes oriented at ~0° and ~60° tca.
15.17	19.46	4.29				GRD	BNGY			m		s															Clay Altered Granodiorite. Clay alteration occures every 30-40cm for 40-50cm intervals. Alternates between clay altered and unaltered granodiorite. Heavy Limonite staining on and around fracture surfaces.
			17.64	17.73	0.09	GRD	PU			s			hem	s													Purple Clay Altered Granodiorite. Strongly Clay altered granodiorite with a purple (hematite?) staining.
			18.59	18.82			GNBN		m																		Phyllic Altered Grey Green Granodiorite. Phyllic alteration with orange brown limonite stainig along fractute surface. Disseminated pyrite and pyrite blebs throughout interval.
19.46	30.00	10.54				GRD	MDGY		t				s		ST	50				t							Medium Grey Granodiorite. There are a few areas of trace phyllic alteration throughout interval. Orange brown limonite stainbg on fracture surefaces. White quartz stringers are orientede at ~50° tca. Trace amounts of disseminated pyrite throughout interval.
			24.50	24.54	0.04	BXA	DKGY													w							Dark Grey Breccia with sub angular to sub rounded clasts. Contains weak amounts of disseminated pyrite and trace amounts of disseminated galena.
			24.54	24.58	0.04	VEN	DKGY													50							Dark Grey Sulphide Vein. 1cm thick and oriented at 80° tca. Contains latge pyrite blebs that make up 50% of the vein.
			25.77	25.93	0.16	GRD	GNG\	NE	m	m					VT	50	1	3									Phyllic and Clay Altered Granodiorite. Alteration is moderate for both phyllic and clay. White quartz veinlents are interconnected (0.7mm thick). They form a somple lattice or net texture. Veinlets are oriented at ~50° tca.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			25.93	28.05	2.12	GRD	GYGN			s																	Clay Altered Light Grey Green Granodiorite. No visible sulphide mineralization. Grey quartz (3mm) veinlets oriented at 15˚ tca.
30.00	33.45	3.45				GRD	GYGN		w		f	i	lim	i	VT	75	0	2									Clay and Phyllic Altered Light Grey Green Granodiorite. Alteration Is fair clay and weak phyllic. Approximatly 60% of the interval is limonite stained orange/brown. White grey veinlets oriented at ~75˚ tca. No visible sulphide mineralization.
			30.25	30.45	0.20	GRD	GYOF	NE		f		i	lim	s													Clay altered Granodiorite with Heavy Net Texture Veining. White quartz and dark grey veinlets form the net texture. Orange and brown limonite staining in and around fracture surface. No visible sulphide mineralization.
33.45	48.15	14.70				GRD	GYPU					s	lim	m	ST	70											Medium Grey purple Granodiorite. Quartz stringers throughout interval are oriented at ~40˚ and ~70˚. Area around stringer and fracture surface is moderatly limonite stained.
			33.45	35.00	1.55	GRD	OR/BN			s			lim	i	VT	70	0	2									Strongly Clay Altered Granodiorite. Some areas are very altered and crumble when pressure is applied. Quartz veinlets are oriented at ~70˚ tca. Entier surface of interval is stained brown/orange from limonite. No visible sulphide mineralization.
			36.27	37.55	1.28	GRD	GYGN			s																	Clay Alterted Pale Grey Green Grabodiorite. No visible sulphide mineralization.
			37.12	37.43	0.31	BXA	DKGY	BX	m											t							Dark Grey Breccia. Matrix is dark grey and fine grain. Pale Green Clasts range from <1mm to 6cm across. Trace amounts of disseminated pyrite in dark grey matrix.
			39.46	40.00	0.54	GRD	GN		m	m					VT	20	0	3		w-f			t				Phyllic and Clay Altered Green Granodiorite. Alteration is moderate for both phyllic and clayl. Light grey calcite veinlets are oriented at ~10˚ and ~20˚ tca and range from 1-3mm thick. Weak to fair amounts of disseminated pyrite and pyrite blebs are located in the center of the interval along with trace amounts of galena.
			42.37	42.39	0.02	VEN	TNWH								VN	70	1	1									Chalcecony Calcite Vein. Banded milky tan chelcedonyt with white grey calcite in center of teh vein surrounded by the chalcedony. The vein is oriented at ~70˚ tca and is ~1cm thick.
			43.27	43.30	0.03	VEN	TNWH								VN	70	1	1		m							Similar to vein at 42.37-42.39m except calcite along the outside of teh chalecdony contains moderate amounts of disseminated pyrite and small pyrite blebs lined up in a string parrallel to the chaledony vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			43.89	43.92	0.03	VEN	TNGY								VN	80	2	1									Chalcedony Qaurtz Vein. Banded Milky tan chalcedony with isolated patches of clear calcite crystals and grey quartz. Oriented at ~80˚ and is 2cm thick.
			47.17	47.57	0.40	GRD	DKGY		f		m		lim	m	ST	75		4			w	t(?)					Phyllic, Pripyllitic and sillica Altered Grandodiorite. Fair phyllic, moderate sillica and weak propyllitic alteration. White quartz stringers oriented at ~45˚ and 75˚ tca. Weak amounts of disseminated pyrite and possible trace amounts of arsenopyrite. Moderate limonite stainign on fracture surfaces.
													pro	w													
48.15	49.91	1.76				GRD	WHGY		w	s			lim	m	VT	75	0	5									Clay Altered Bleahced White and Grey Clay Altered Granodiorite. Alteration is strong clay and weak weak phyllic. Limonite staining on fracture surfaces and staining on core increases as you movce down interval. Dark grey and white (quartz) veinlets soriented ~70˚ to ~80˚ tca.
			49.02	49.42	0.40	GRD	GNBL		s				lim	s	VT	75		6		s			w				Phyllic Altered Green Blue Granodiorite with strong brown orange limonite staining. Veinlets of quartz carbonate located at ~75˚ tca. Strong pyrite mineralization throughout interval. Strong pyrite mineralization near top of interval. Small blebs of pyrite and galena are located in the center of teh interval.
			49.63	49.75	0.12	GRD	GNBL		s				lim	s	ST	60		2					w				Phyllic and Propyllitic altered Green Blue Granodiorite with heayvy limonite stainign. Dark Grey Galena Stringers oriented at ~60˚ tca.
													pro	w													
			49.91	55.82	5.91	POR	GY																				Quartz feldspar Porphyry Dyke. The dyke is tan/grey with brown/orange limonite along fractures surfaces. Surface and fractures of dyke have increased brown orange oxidation.
			55.28	55.52	0.24	BXA	DKGY													s	s	s	s				Dark Grey Breccia with sub angular to sub rounded tan clast ranging from 1mm-6mm across. Top and bottom of breccia are boundedx by quartz sulphide veins oriented at ~70˚ tca and are 4cm thick. Vein contains strong amounts of pyrite, arsenopyrite, galena and sphalerite.
			55.74	55.79	0.05	BXA	DKGY																				Dark Grey Breccia with sub angular to sub rounded tan clast ranging from 1mm-1cm across. No visible sulphgide mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
55.82	59.12	3.30				GRD	GNGY						pro	30	VT	75	0	4		t							Propyllitic Altered Dark Green Grey Granodiorite. Calcite veinlets oriented ar ~75˚ and ~20˚ tca. There are trace amounts of disseminated pyrite throughout interval.
59.12	59.54	0.42				GRD	LTGN			m	m				VT	40	0	1		t							Phyllic and Clay Altered Light Green Grandodiorite. Light grey white calcite vein oriented at ~40˚ tca.
			59.24	59.31	0.07	BXA	DKGY																				Dark Grey Breccia with light grey elongate sub-angular to sub-rounded 1mm-1cm clasts. Trace amounts of disseminated pryrite throughout dark grey matrix.
			59.37	59.39	0.02	BXA	DKGY																				same as interval 59.24-59.31m
59.45	59.95	0.50				VEN	DKGY								VN	80	3	1		t							Dark Grey Smokey Quartz Vein. It is 2.5cm thick and is oriented ~80° tca. Ontains Trace amounts of disseminated pyrite.
59.59	66.42	6.83				GRD	WHGN		t	s					ST	35		4		t							Clay Altered White Green Granodiorite. Trace amoiunts of disseminated pyrite throughout interval. Dark Grey stringers oriented at 35° tca.
			64.10	64.44	0.34	GRD	GNGY		m		s				VN	80	3	1									Sillica and Phyllic Altered Granodiorite.Phyllic alterdd granodiorite has been strongly silicified and is difficult to scratch with steal. Smokey quartz vein in bottom 3rd of interval is oriented at ~80° tca and is 3cm thick. Tan Quartz vein is oriented at ~65° tca and is 2cm thick.
															VN	65	2	2									
			66.00	66.07	0.07	POR	MDGY								VN	65	2	2									Silicified Porphyry Dyke. Medium grey dyke with small 1mm phenocrysts is capped by banded tan chalcedony veins oriented at ~65tca, 1.5cm thick.
66.24	71.26	5.02				GRD	MDGY		w						VT	50	###	###									Medium Grey Granodiorite with weak amounts of phyllic alteration throughout interval. Tan/orange carbonate veinlets and white calcite veinlets are oriented at ~50° tca. No visible sulphide mineralization.
			70.83	71.46	0.63	GRD	WHPK			s			pot	f													Clay and Pottassic Altered White Pink Granodiorite
71.46	76.24	4.78				POR	PUBN								VT	25	1	4									Brown/Purple Quartz Feldspar Porphyry Dyke. Purple color that appears throughout the interval is due to oxidation. White quartz veinlets are present throughout the interval, they are oriented at 35°, 75° and 40° tca. Phenocrysts are primarily 3mm or smaller with few exceptions greater then 1 cm.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
76.24	77.10	0.86				GRD	GNGY		s	w			pro	w	St	65		5										Phyllic, Clay, Propyllitic Green Grey Granodiorite. Alteration is strongly phyllic and weakly clay and propyllitic. White and dark grey stringers are oriented at 65° tca. NO visib le sulphide mineralization.
			76.50	76.60	0.10	BXA	DKGY													w								Dark Gray Breccia with weak amounts of disseminated pyrite throughout the interval.
			76.54	76.55	0.01	BXA	DKGY																					Dark Gray Breccia with weak amounts of disseminated pyrite throughout the interval.
77.10	85.21	8.11				GRD	GNWT		m	s			pro	w	ST	80		1										Clay, Phyllic, Propyllitic Altered Green White Granodiorite. Strong clay alteration throughout interval. Areas of moderated phyllic and weak propyllitic alteration throughout interval. Dark grey strinigers are oriented at 55° and 80° tca. No visible sulphide mineralization.
			78.37	78.53	0.16	BXA	DKGY	NE	m	m										w								Dark Grey Breccia, same as interval 76.50-76.60 for first half of interval. Second half of interval is crisscrossed dark grey stringers that form a lattice or net texture with the moderatly phyllic and clay altered granodiorite.
			79.71	79.75	0.04	BXA	DKGY													w								Same as interval 76.50-76.60. Breccia is bounded on either side by 2-4mm of intermixed grey quartz and milky tan quartz.
			79.88	79.89	0.01	BXA	DKGY													w								Same as interval 76.50-76.60. Breccia is bounded on either side by quartz less then 1mm thick.
			80.45	80.57	0.12	GRD	DKGY		w	m	m									40								Sillica, Clay, Phyllic altered Pyrite Rich Granodiortie. Moderatly clay and sillica and weakly clay altered. Pyrite blebs and disseminated pyrite make up aprrox 40% of the intereval.
			80.73	80.82	0.09	BXA	DKGY			s										w								Clay Altered Dark Grey Breccia. Breccia has been strongly clay altered. There are weak amounts of disseminated pyrite throughout interval.
			80.97	81.04	0.07	BXA	DKGY																					Same as interval 80.73-80.82m
			81.14	81.44	0.30	BXA	DKGY			s										m			t					Same as interval 80.73-80.82m for first half of interval. No clay alteration in selcond half of interval. Moderate pyrite dissemination and weak galena dissemination throughout interval.
			82.25	83.00	0.75	GRD	GNGY		m	w			pro	s	ST	30		4										Propyllitic, Phyllic, Clay Altered Green Grey Granodiorite. White quartz stringers oriented at 30° and 60° tca. White quartz stringers oriented at 30° and 60° tca. White quartz veinlets are oriented at 45° tca.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VT	45	0	2									
			83.00	83.58	0.58	GRD	DKGN		m				pro	s	VT	20	0	1									Propyllitic and Phyllic Altered Dark Green Grey Granodiorite. Alteration is strongly propyllitic and moderalty phyllic. White quartz carbonate veinlet oriented at 20 tca. No visible sulphide mineralization.
			83.58	84.73	1.15	GRD	DKGY			s			pro	s	VT	85	0	10									Propyllitic and Clay A ofltered Granodiorite. Interval contains many bands or zones of either strong propyllitic or strong clay alteration, both do not occure in the same band. Abundance of white calcite veinlets oriented at 85° and 35° tca. Heamitite staining at end of interval along fracture surface and in calcite veinlets.
													hem	m													
85.21	88.04	2.83				GRD	GN		m	m					VN	65	1	2									Phyllic and Clay Altered GreenGranodiorite. Alteration is moderate for both phyllic and clay. Tan and grey quartz veinlets at top of interval oriented at ~65° tca.. Dark Grey veinlets with small amounts of Tan quartz are oriented at ~60°-70° tca. No visible sulphde mineralization.
			86.19	86.57	0.38	GRD	GN		s	w										m							Phyllic and Clay altered Green Granodiorite. Alteration is strong phyllic and weak clay. Dark grey pyrtie stringers are oriented at ~50° and ~80° tca. Moderate amounts of disseminated pyrite throughout interval.
			86.43	86.45	0.02	VEN	DKGY								VN	65	2	1		40		s	m				Dark Grey Sulphide Vein. Large amounts of pyrite blebs make up ~40% of the vein. There are moderate amounts of galema and strong amounts of sphalerite.
88.04	92.91	4.87				BXA	DKGY			s-i										f-s	f		f				Clay Alterd Dark Grey Breccia. Clay alteration is strong to intense causing the breccia to be fragile in some areas. Fair to strong amounts of disseminated pyrite and pyrite blebs throughout interval. Fair amunts of galena and arsenopyrite blebs throughout interval.
			88.04	92.91	4.87	POR	GY			ms																	Grey Quartz Feldspar Porphyry Dyke. Surface of core has been broken up.
			90.28	90.77	0.49	BXA	MT	NE		w									80	40	s	ms	30				Massive Sulphide Mettallic Breccia. Quartz/Calcite veinlets form net texture throughout interval. Very Strong massive sulphide mineralization (~80%) throughout interval.
			90.77	91.05	0.28	BXA	GY			40																	Heavy Clay altered grey breccia. Clay alteration (~40%) has caused surface of the core to be broken up into rubble by drilling.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			91.35	92.43	1.08	POR	GY																				Grey Quartz Feldspar Porphyry Dyke. Phenocrryst are <8cm.
			92.34	92.40	0.06	BXA	DKGY													25	m						Dark Grey Breccia with 25% massive pyrite and moderate blebs of aresenopyrite.
92.91	93.50	0.59				GRD	GN		s						VT	50	0	12		ms							Phyllic Altered Green Granodiorite. Large amount of dark gery veinlets. Moderate strong amounts of disseminated pyrite.
93.15	116.55	23.40				GRD	DKGN			s					VT	80	0	1									Clay Altered Light Grey Green Granodiorite. Sporatioc dark grey veinlets oriented ~80 tca. No visible sulphide mineralization.
			93.11	94.81	1.70	GRD	DKGY		f	s			pro	f													Clay, Phyllic, Propyllitic Alter Dark Green Granodiorite. Alteration is strong for clay and fair for phyllic and propyllitic. No visible sulphide mineralization
			102.30	120.38	18.08	BXA	BKWH								VN	40	2	1			s						Dark Grey Breccia vein bounded on either side by white and tan quartz veinlets. Clasts of breccia are primarily sub angular, <1cm across and compossed of white quartz. Both breccia and veinlets are orientet 40° tca. Strong pyrite mineralization throughout interval.
															VT	40	1	2									
			103.25	104.92	1.67	GRD	GN		f	f			pro	f	VT	70	0	6		t							Phyllic, Clay, Phyllic altered Green Granodiorite. Alteration is fair for phyllic, clay and propyllitic. In some areas clay and propyllitic alteration are banded or in layers. White quartz and dark grey veinlets are oriented at ~70°.
			104.39	104.46	0.07	VEN	DKGY								VN	90	1	1		f		m					Dark Grey Vein Zone in Phyllic altered Granodiorite. Dark Grey pyrtie and sphalerite vein/veinlets that craoss each other, but primarily oriented at 90°tca.
															VT	90	0	6									
			107.16	107.34	0.18	VEN	TBGY	NE							VN	50	12	1									Tan Grey Lattice Quartz Vein. Inter connected tan and grey quartz veins/veinlets form a lattice/net texture. Moderate amounts of disseminated pyrite throughout interval.
			108.00	109.73	1.73	GRD	WHPK			35			pot	ms													Clay and Potassic Altered White Pink Granodiorite. Alterationin 30% Clay and moderatly strong potassic. No bisible sulphide mineralization.
			110.09	110.10	0.01	VEN	WHTN													i							White/Tan Quartz Chalcedony vein with intense amounts of pyrite.
			111.22	112.33	1.11	GRD	GYGN			30																	Heavily Clay Altered Granodiorite
			112.52	113.09	0.57	BXA	DKGY													m							Dark Grey Breccia. Moderate pyrite dissemination.
			116.35	116.48	0.13	VEN	DKGY	VU			s									t							Vein Zone of white, tan and dark grey quartz. Vuggs with small crystals in them are abundant throughout interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
116.55	132.76	16.21				GRD	GNGY		m	w			pro	t	VT	30	0	###									Phyllic and Clay altered Green Granodiorite. WHIte calcite veinlets oriented ~30°-50° tca.
			120.13	120.32	0.19	GRD	GNG\	AN			m									t							Sillica Altered Green Aphanitic Granodiorite. Can still be scratched by steel. Trace amounts of disseminated pyrite throughout interval.
			121.08	121.10	0.02	VEN	BNPU																				Brown Purple Vein with a hardness greater then 7.. Cross cut by infilled fractures.
			121.41	122.22	0.81	GRD	GYGN					m															Grey Unaltered Granodiorite with moderate oxidation in and around fractures
			123.34	123.86	0.52	GRD	GN								VT	80	0	6		s							Phyllic Altered Green Granodiorite. Strong pyrite dissemination throughout interval. Dark grey sulphide veinlets are oriented at ~50° and 80° tca.
			124.80	125.03	0.23	VEN	WH		w	w					VN	20	1	1		m							Large White Quartz Carbonate Vein oriented at ~20° tca. Dark Grey Stringers are parallel to the vein. Moderate amounts of pyrite dissemination around vein.
															ST	20		3									
			126.92	128.17	1.25	VEN	VEN			m-s		m	lim	m	VN	20	>1	1		i							Low Angle Quartz Vein and Dark Grey Breccia. Interval is moderate to strongly clay altered clay altered. Quartz vein is white to grey. Orange limonite staining/oxidation on fracture surfaces. Vein appears to cut through breccia. Intense amounts of disseminated pyrite.
			128.69	128.80	0.11	GRD	GNGY		s						VT	85	###	3		i							Phyllic Altered Green Grey Granodiorite. Grey quartz veinlets oriented at 95v tca. Intense amounts of disseminated pyrite.
			129.68	130.56	0.88	GRD	GN		ms						VT	15	2	4		s-i							Phyllic Altered Green Grey Granodiorite. Quartz veinlets oriented at ~15° tca. Strong to intense amounts of disseminated pyrite, it is more heavily concentrate around veinlets.
132.76	136.90	4.14				GRD	GYGN		f				pro	w	VT	75	0	###		w			w				Phyllic Propyllitic Altered Grey Green Granodiorite. Weak amounts of disseminated pyrite throughout interval. Galena veinlet oriented at 20 tca at bottom of interval. The rest of the veinlets are dark grey at ~20tca.
			135.76	135.78	0.02	VEN	MT													90			w				Massive Pyrite Vein with weak amounts of disseminated pyrite.
136.90						GRD	GY								ST	45		2									Grey Granodiorite. Quartz stringers orient at 45° tca.
			142.67	143.49	0.82	GRD	WHGN			s			pro	s													Alternating Clay and Propyllitic Alterbation throughout interval. No visible sulphide mneralization.
			143.49	144.04	0.55	GRD	GNYW			m																	Clay Altered Green Yellow Granodiorite
			144.04	145.12	1.08	GRD	GN		m	m										f							Phyllic and Clay Altered Green Granodiorite

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			144.07	144.09	0.02	VEN	DKGY								VN	70		1		i	t	ms	w				Dark Grey Sulphide Vein oriented approx 70° tca. Contains pyrite, arsenopyrite, sphalerite and galena.
145.12	147.12	2.00				GRD	GNGY			m			pro	s													Propyllitic and Clay Altered Green Light Grey Granodiorite. No visible sulphide mineralizatiom. Propylitic alteration is in patches throughout interval.
147.12	148.15	1.03				GRD	GNGY		i	m-s					VT	65	0	3		w							Phyllic and Clay altered Green Granodiorite. Moderate to strong clay alteration has made it brittle and fragile in some areas. Tan/orange carbonate veinlets are oriented at 65° tca. Wqeak amounts of disseminated pyrite throughout interval
			148.10	148.35	0.25	GRD	LTGN		s	s					VN	65	1	1		m							Same as interval 147.12-148.15m but has stronger clay alterationn and a large tan/orange carbonate vein.
148.35	158.24	9.89				GRD	GNPU		m				pro	ms						t							Propylitic and Phyllic Altered Purple Green Granodiorite. White quartz veinlets are oriented between 40° and 65°. Trace amounts of disseminated pyrite throughout interval.
			152.98	153.83	0.85	GRD	GNYW		s						VN	60	0	2		t							Phyllic Altered Green Yellow Granodiorite. Fark grey veinlets oriented between 60° tca. Trace amounts of disseminated pyrite throughout interval
			153.83	155.66	1.83	GRD	GYWH			s			pro	s													Propylitic and Clay Altered Granodiorite. Propylitic and clay alteration occure side by side throughout the interval.
			156.76	156.84	0.08	GRD	DKGY	BN	s											40							Dark Gray Band over phyllic altered Granodiorite with 40% disseminated pyrite.
			157.68	157.70	0.02	Clay	GY			100																	Grey Clay Layer
			158.19	158.22	0.03	GRD	DKGY		m						ST	70		3		i							Pyrite Stringers oriented ~70° tca.
158.24	168.18	9.94				GRD	GNPU						pro	s	VN	70	0	5									Propylitic Altered Purple Green Granodiorite. Quartz and carbonate veinlets oriented at 60°-80° tca.
			158.62	158.98	0.36	GRD	GNYW		ms	ms					VN	60	2	1									Phyllic and Clay Altered Granodiorite. Tan and white quartz vein oriented at 60° tca, near the botton of the inrterval.
			159.11	159.16	0.05	GRD	WTGN			s																	Clay Altered White Green Granodiorite
			159.41	159.73	0.32	GRD	WTGN			s																	Clay Altered White Green Granodiorite. Slightly broken up and crumbly.
			159.00	159.73	0.73	GRD	GN		s						VT	65	1	1		m							Phyllic Altered Granodiorite. Tan and grey quartz veinlet with disseminated pyrite oriented at ~65° tca.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			161.67	162.02	0.35	POR	DKBN								ST	60		4		m							Black and Brown/Green Quartz Feldspar porphyry Dyke. Interval starts with black mafic dyke with 2 1cm bands of brown/green alteration. Hlaf way through the interval, the dyke is completely altered to brown/green. Moderate amounts of disseminated pyrite in brown/green altered areas. tan quartz carbonate stringers oriented at ~40˚ to ~60˚ tca.
			162.07	162.08	0.01	VEN	WHTN								VN	70	1	1		ms-s	t	f					White/Tan Quartz vein with fait amounts of blackjack spalerite blebs, disseminated trace amounts of arseno pyrite and disseminated and blebs of pyrite.
			166.06	166.98	0.92	POR	BK								VT	75	0	8		i							Black Quartz Feldspar porphyry Dyke. Intense amounts of disseminated pyrite and small pyrite blebs throughout the entier interval. Quartz veinlets oriented at 70˚-80˚ tca.
168.18	173.31	5.13				GRD	GNGY			m-s					VT	75	0	6									Clay Altered Yellow Green Granodiorite. Tan quartz veinlet oriented at ~70˚-80˚ tca. No visible sulphide mineralization
			169.96	170.10	0.14	GRD	WHGY				ms		pro	s													Propyllitic and Clay Aktered Granodiorite. 15cm of propylitic alteration in the center of theinterval. It is bounded on either side by by 10-12cm of clay alteration.
			171.42	171.88	0.46	GRD	ORGY			m-s	f																Sillica and Clay Altered orange and Grey Granodiorite. Sillica alteration is heavily fractured. Clay alteration increases in teh last 12cm of interval. Rockis much weaker in the clay altered areas.
			172.95	172.98	0.03	VEN	TNBK								VN	75	2	1									Tan Grey Quartz veins with dark grey stringers running throught it. No visible sulphide mineralization
173.31	175.79	2.48				GRD	GYGN						pro	s	VT	70	0	2									Propylitic Altered Grey Green Granodiorite. White quartz veinlets oriented 70˚ tca.
			173.36	173.72	0.36	GRD	GNWH		m	s																	Clay and Phyllic Altered Granodiorite. Clay and phyllic alteration alternates throughout interval in bands.
			173.98	174.73	0.75	GRD	GN		s						FX	0-5		1									Phyllic Altered Granodiorite with clay filled fractures oriented 0˚-5˚ tca.
175.79	181.35	5.56				GRD	GYGN						pro	w						w							Weakly propylitic Grey Green Granodiorite. Disseminated Tourmaline throughout interval.
			178.30	178.35	0.05	GRD	GYGN						pro	w	ST	70		4		m							Dark Grey Pyrite Stringer Zone
																											EOH @ 181.35m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-16

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
4.57	8.23	3.66	3.17	87	1.60	44	MS	SW		
8.23	11.28	3.05	3.05	100	1.22	40	MS	SW		
11.28	14.33	3.05	3.11	102	1.69	55	S	SW		
14.33	17.37	3.04	3.02	99	0.64	21	MS	SW		
17.37	20.42	3.05	2.90	95	0.88	29	MS	SW		
20.42	23.47	3.05	3.01	99	1.50	49	S	SW		
23.47	26.52	3.05	3.03	99	1.53	50	S	MW		
26.52	29.57	3.05	2.95	97	1.17	38	S	SW		
29.57	32.61	3.04	2.99	98	1.04	34	S	SW		
32.61	35.66	3.05	3.04	100	1.62	53	S	SW		
35.66	38.71	3.05	3.06	100	1.87	61	M	SW		
38.71	41.76	3.05	2.54	83	0.77	25	S	SW		
41.76	44.81	3.05	3.12	102	2.45	80	S	SW		
44.81	47.85	3.04	2.56	84	1.35	44	W	SW		
47.85	50.90	3.05	3.00	98	1.37	45	W	SW		
50.90	53.95	3.05	3.02	99	1.44	47	M	FR		
53.95	57.00	3.05	2.87	94	1.55	51	W	SW		
57.00	60.05	3.05	2.95	97	0.64	21	M	SW		
60.05	63.09	3.04	3.00	99	2.26	74	W	FR		
63.09	66.14	3.05	2.95	97	1.46	48	W	FR		
66.14	69.19	3.05	3.07	101	2.05	67	MS	FR		
69.19	72.24	3.05	2.89	95	0.96	31	MS	FR		
72.24	75.29	3.05	3.05	100	1.60	52	M	FR		
75.29	78.33	3.04	3.03	100	2.02	66	S	FR		
78.33	81.38	3.05	3.04	100	2.34	77	W	FR		
81.38	84.43	3.05	2.91	95	1.33	44	W	FR		
84.43	87.48	3.05	2.87	94	1.05	34	W	FR		
87.48	90.53	3.05	2.86	94	1.67	55	M	FR		
90.53	93.57	3.04	3.08	101	1.48	49	S	FR		
93.57	96.62	3.05	2.63	86	0.44	14	W	FR		
96.62	99.67	3.05	2.89	95	1.11	36	W	FR		
99.67	102.72	3.05	3.04	100	1.68	55	M	FR		
102.72	105.77	3.05	3.03	99	1.46	48	W	FR		
105.77	108.81	3.04	2.87	94	1.04	34	M	FR		
108.81	111.86	3.05	1.38	45	1.32	43	W	FR		
111.86	114.90	3.04	2.50	82	0.29	10	S	FR		
114.90	117.96	3.06	3.02	99	2.02	66	S	FR		
117.96	121.01	3.05	2.91	95	1.57	51	S	FR		
121.01	124.05	3.04	2.42	80	1.55	51	S	FR		
124.05	127.10	3.05	2.97	97	1.40	46	S	SW		
127.10	130.15	3.05	3.07	101	1.46	48	S	FR		
130.15	133.20	3.05	2.78	91	1.40	46	S	FR		
133.20	139.29	6.09	2.56	42	1.02	17	S	FR		
139.29	142.34	3.05	2.99	98	1.50	49	S	FR		
142.34	145.39	3.05	3.03	99	1.54	50	MS	FR		
145.39	148.44	3.05	2.72	89	0.36	12	MS	FR		
148.44	151.49	3.05	2.98	98	1.34	44				
151.49	154.53	3.04	3.09	102	1.36	45				
154.53	157.58	3.05	2.92	96	1.99	65				
157.58	160.63	3.05	3.11	102	1.40	46				
160.63	163.68	3.05	2.77	91	1.66	54				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
163.68	166.72	3.04	2.96	97	0.85	28				
166.72	169.77	3.05	3.13	103	2.05	67				
169.77	172.82	3.05	2.94	96	1.80	59				
172.82	175.87	3.05	2.91	95	0.25	8				
175.87	178.91	3.04	2.64	87	1.85	61				
178.91	181.35	2.44	2.57	105	1.38	57				
										EOH @ 181.35m

SAMPLE LOG

HOLE: KL-11-16

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.57	7.57	2.83	37	K271669	1					Overburden
4.57	7.57	3.81	2.46	65	K271670	1					
7.57	8.38	3.97	0.75	19	K271671	1					
8.38	11.54	6.10	2.75	45	K271672	1					
11.54	14.48	2.94	2.91	99	K271673	1					
14.48	15.17	0.69	0.56	81	K271674	1					
					K271675	1					STANDARD CDN-ME-16
15.17	17.00	1.83	1.80	98	K271676	1					
17.00	17.73	0.73	0.70	96	K271677	1					
17.73	18.59	0.86	0.78	91	K271678	1					
18.59	18.82	0.23	0.22	96	K271679	1					
18.82	19.46	0.64	0.60	94	K271680	1					
19.46	22.00	2.54	2.50	98	K271681	1					
22.00	24.24	2.24	2.14	96	K271682	1					
24.24	24.90	0.66	0.50	76	K271683	1					
					K271684	1					BLANK
24.90	25.71	0.81	1.19	147	K271685	1					
25.71	27.60	1.89	1.35	71	K271686	1					
27.60	30.25	2.65	2.45	92	K271687	1					
30.25	30.95	0.70	0.20	29	K271688	1					
30.95	31.45	0.50	0.91	182	K271689	1					
31.45	33.55	2.10	2.00	95	K271690	1					
33.55	34.45	0.90	1.10	122	K271691	1					
					K271692	1					STANDARD CDN-ME-16
34.45	37.12	2.67	2.64	99	K271693	1					
37.12	37.47	0.35	0.30	86	K271694	1					
37.47	39.46	1.99	1.92	96	K271695	1					
39.46	42.37	2.91	2.54	87	K271696	1					DUPLICATE
					K271697	1					
42.37	43.90	1.53	1.65	108	K271698	1					
43.90	45.00	1.10	1.09	99	K271699	1					
45.00	47.58	2.58	2.56	99	K271700	1					
47.58	49.02	1.44	1.43	99	K271701	1					
49.02	50.00	0.98	0.98	100	K271702	1					
					K271703	1					BLANK
50.00	53.00	3.00	3.00	100	K271704	1					
53.00	55.28	2.28	2.15	94	K271705	2					
55.28	57.00	1.72	1.78	103	K271706	2					
					K271707	2					BLANK
57.00	59.57	2.57	2.54	99	K271708	2					
59.57	62.00	2.43	2.45	101	K271709	2					
62.00	64.49	2.49	2.38	96	K271710	2					
64.49	66.24	1.75	1.76	101	K271711	2					
66.24	69.00	2.76	2.75	100	K271712	2					
69.00	71.46	2.46	2.32	94	K271713	2					
71.46	74.00	2.54	2.50	98	K271714	2					
74.00	76.24	2.24	1.93	86	K271715	2					
76.24	78.53	2.29	2.27	99	K271716	2					
					K271717						STANDARD CDN-ME-16
78.53	79.71	1.18	1.16	98	K271718	2					
79.71	81.91	2.20	1.64	75	K271719	2					
81.91	84.73	2.82	3.15	112	K271720	2					
84.73	86.19	1.46	1.48	101	K271721	2					
86.19	88.04	1.85	1.82	98	K271722	2					
88.04	89.92	1.88	1.73	92	K271723	2					
89.92	91.32	1.40	1.37	98	K271724	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
		0.00			K271725	2					BLANK
91.32	92.34	1.02	1.00	98	K271726	2					
92.34	94.82	2.48	2.42	98	K271727	2					
92.34	93.24	0.90			K269118	4					Resampled interval
					K269119	4					Resampled interval - Blank
93.24	94.82	1.58			K269120	4					Resampled interval
					K269121	4					Resampled interval - STD: PL-2
94.82	97.00	2.18	2.09	96	K271728	2					
97.00	100.00	3.00	2.80	93	K271729	2					
100.00	102.30	2.30	2.24	97	K271730	2					
102.30	104.92	2.62	2.54	97	K271731	2					
104.92	107.00	2.08	1.93	93	K271732	2					
		0.00			K271733	2					DUPLICATE
107.00	108.00	1.00	0.95	95	K271734	2					
108.00	109.73	1.73	1.68	97	K271735	2					
		0.00			K271736	2					STANDARD PL-2
109.73	111.22	1.49	1.43	96	K271737	2					
111.22	113.10	1.88	1.80	96	K271738	2					
113.10	116.00	2.90	2.75	95	K271739	2					
116.00	119.00	3.00	2.96	99	K271740	2					
119.00	121.41	2.41	2.33	97	K271741	3					
121.41	123.34	1.93	1.93	100	K271742	3					
123.34	125.05	1.71	1.71	100	K271743	3					
125.05	126.92	1.87	1.88	101	K271744	3					
126.92	128.17	1.25	1.22	98	K271745	3					
		0.00			K271746	3					BLANK
128.17	130.56	2.39	2.36	99	K271747	3					
130.56	132.76	2.20	2.20	100	K271748	3					
132.76	135.56	2.80	2.80	100	K271749	3					
135.56	136.90	1.34	1.22	91	K271750	3					
136.90	139.00	2.10	2.03	97	K271751	3					
		0.00			K271752	3					STANDARD: CDN-ME-16
139.00	141.00	2.00	1.90	95	K271753	3					
141.00	142.67	1.67	1.62	97	K271754	3					
142.67	145.12	2.45	2.52	103	K271755	3					
145.12	147.12	2.00	1.90	95	K271756	3					
147.12	148.35	1.23	1.20	98	K271757	3					
148.35	151.00	2.65	2.58	97	K271758	3					
151.00	152.98	1.98	1.96	99	K271759	3					
152.98	154.66	1.68	1.54	92	K271760	3					
154.66	157.58	2.92	2.83	97	K271761	3					
		0.00			K271762	3					BLANK
157.58	159.73	2.15	2.12	99	K271763	3					
159.73	162.08	2.35	2.34	100	K271764	3					
162.08	164.50	2.42	2.40	99	K271765	3					
164.50	166.06	1.56	1.53	98	K271766	3					
166.06	166.96	0.90	0.88	98	K271767	3					
166.96	168.15	1.19	1.10	92	K271768	3					
168.15	170.10	1.95	1.86	95	K271769	3					
		0.00			K271770	3					DUPLICATE
170.10	171.42	1.32	1.30	98	K271771	3					
171.42	173.31	1.89	1.85	98	K271772	3					
173.31	175.79	2.48	2.41	97	K271773	3					
		0.00			K271774	3					STANDARD CDN-ME-16
175.79	178.30	2.51	2.43	97	K271775	3					
178.30	181.35	3.05	2.91	95	K271776	3					
											EOH @ 181.35m

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-16

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00			4.391	
5.00			17.050	
6.00			18.350	
7.00			16.570	
8.00			0.216	
9.00			16.060	
10.00			17.140	
11.00			13.990	
12.00			0.448	
13.00			0.292	
14.00			0.526	
15.00			3.153	
16.00			3.373	
17.00			0.191	
18.00			0.296	
19.00			0.527	
20.00			11.570	
21.00			18.020	
22.00			0.596	
23.00			22.510	
24.00			22.330	
25.00			10.580	
26.00			10.560	
27.00			5.841	
28.00			0.782	
29.00			11.340	
30.00			2.456	
31.00			0.712	
32.00			3.063	
33.00			0.664	
34.00			1.229	
35.00			14.290	
36.00			3.106	
37.00			0.749	
38.00			15.930	
39.00			28.460	
40.00			11.250	
41.00			19.900	
42.00			23.870	
43.00			22.200	
44.00			16.550	
45.00			2.811	
46.00			23.170	
47.00			16.600	
48.00			0.424	
49.00			0.252	
50.00			0.214	
51.00			0.238	
52.00			0.329	
53.00			0.134	
54.00			0.198	
55.00			0.182	
56.00			0.582	
57.00			2.13	
58.00			4.396	
59.00			0.63	
60.00			0.422	
61.00			0.649	
62.00			0.207	
63.00			0.332	
64.00			0.188	
65.00			0.248	
66.00			0.274	
67.00			10.26	
68.00			15.33	
69.00			1.942	
70.00			6.292	
71.00			0.112	
72.00			0.112	
73.00			0.221	
74.00			0.775	
75.00			0.211	
76.00			0.357	
77.00			0.604	
78.00			0.569	
79.00			0.262	
80.00			0.101	
81.00			0.315	
82.00			0.315	
83.00			2.026	
84.00			2.28	
85.00			2.584	
86.00			0.296	
87.00			0.35	
88.00			0.36	
89.00			0.056	
90.00			1.66	
91.00			0.046	
92.00			0.264	
93.00			0.219	
94.00			2.61	
95.00			0.309	
96.00			0.355	
97.00			0.162	
98.00			0.3	
99.00			0.372	
100.00			0.281	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.211	
102.00			0.311	
103.00			0.231	
104.00			0.342	
105.00			0.258	
106.00			0.155	
107.00			0.188	
108.00			0.573	
109.00			0.911	
110.00			0.244	
111.00			0.263	
112.00			6.627	
113.00			0.257	
114.00			2.290	
115.00			2.557	
116.00			0.302	
117.00			0.251	
118.00			0.527	
119.00			1.073	
120.00			0.348	
121.00			0.772	
122.00			13.240	
123.00			0.210	
124.00			0.164	
125.00			0.334	
126.00			0.319	
127.00			0.112	
128.00			0.146	
129.00			0.197	
130.00			0.363	
131.00			0.206	
132.00			0.204	
133.00			0.545	
134.00			7.395	
135.00			6.348	
136.00			0.396	
137.00			9.521	
138.00			10.110	
139.00			22.950	
140.00			27.860	
141.00			33.410	
142.00			18.650	
143.00			1.163	
144.00			0.105	
145.00			0.140	
146.00			0.706	
147.00			0.161	
148.00			0.171	
149.00			14.460	
150.00			6.915	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			10.16	
152.00			9.33	
153.00			2.083	
154.00			2.29	
155.00			7.712	
156.00			4.748	
157.00			0.331	
158.00			7.561	
159.00			0.263	
160.00			8.76	
161.00			14.5	
162.00			0.518	
163.00			3.176	
164.00			22.41	
165.00			4.729	
166.00			7.816	
167.00			2.18	
168.00			8.163	
169.00			0.457	
170.00			5.186	
171.00			0.317	
172.00			0.222	
173.00			0.386	
174.00			0.947	
175.00			19.99	
176.00			23.95	
177.00			18.45	
178.00			29.83	
179.00			21.69	
180.00			19.68	
181.00			23.79	
				EOH @ 181.35m

BOX LOG

HOLE: KL-11-16

BOX	FROM (m)	TO (m)
1	0.00	5.19
2	5.19	9.09
3	9.09	13.33
4	13.33	17.07
5	17.07	21.00
6	21.00	24.89
7	24.89	28.32
8	28.32	32.31
9	32.31	36.09
10	36.09	40.20
11	40.20	43.80
12	43.80	47.66
13	47.66	51.28
14	51.28	55.15
15	55.15	58.66
16	58.66	62.42
17	62.42	66.51
18	66.51	70.53
19	70.53	74.32
20	74.32	78.60
21	78.60	82.82
22	82.82	86.84
23	86.84	90.83
24	90.83	94.40
25	94.40	98.36
26	98.36	102.39
27	102.39	106.68
28	106.68	110.65
29	110.65	114.36
30	114.36	118.28
31	118.28	122.52
32	122.52	126.44
33	126.44	130.57
34	130.57	134.32
35	134.32	138.10

BOX	FROM (m)	TO (m)
36	138.10	142.20
37	142.20	146.02
38	146.02	148.38
39	148.38	153.44
40	153.44	157.23
41	157.23	160.97
42	160.97	165.08
43	165.08	169.25
44	169.25	173.44
45	173.44	177.42
46	177.42	181.35
	EOH @ 181.35m	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382763.62	6890180.4	1374.543	312.72

SECTION:

HOLE: KL-11-17

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (312.72m / EOH)

Casing depth: 0.00 (m) in / out

Drilling dates: June 16 - 21, 2011

Geology logged by: C. Chung

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	187.75	36.9	-49.9	Ranger
35.35	36.4	-50.7	Ranger	218.23	37.3	-49.5	Ranger
96.31	36.8	-50.3	Ranger	279.67	42.5	-49	Ranger
157.27	37.5	-49.8	Ranger	309.68	42.5	-49	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.38	3.38	OVB	
3.38	124.05	120.67	GRD	Variably fresh and propylitic altered granodiorite. Min
				possible fault zones between 93.38-100.1m. Weakly
				mineralized veinlets between 103.34-105.38m
124.05	133.59	9.54	FLT	Fault zone hosted in granodiorite.
133.59	163.09	29.50	GRD	Variably altered granodiorite with mineralized veinlets
				and minor breccia "veins"
163.09	193.24	30.15	GRD	Phyllic granodiorite with veining zones.
193.24	217.24	24.00	POR/GRD	Quartz-feldspar porphyitic dyke with mineralized GRD
				contact zones. Breccia "vein" at 215.30-216.41m
217.24	263.98	46.74	GRD	Phyllic granodiorite with polymetallic veinlets
263.98	271.7	7.72	POR/BXA	Porphpyritic dyke with breccia "veins"
271.7	296.93	25.23	GRD	Fresh and weakly propylitic granodiorite
296.93	298.29	1.36	MAF	Mafic porphyritic dyke (magnetic)
298.29	312.73	14.44	GRD	Locally phyllic and fresh granodiorite
				EOH @ 312.73m

SAMPLES

Numbers: K271420 -K271580

Total: 161

Batch: DDH-17 B1 - B5

Date Sent: B1 (07-04); B2 (07-10); B3-4 (07-12); B5 (07-13)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-17

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.38	3.38				OVB																					Overburden; Unconsolidated soils and organics with large fresh granodiorite boulders
			1.30	3.38	2.08	GRD	GY																				Fresh granodiorite, likely to be a boulde
3.38	9.81	6.43				GRD	TNBN					m			FX	30-90		7									Weathered granodiorite; Moderate-strongly oxidized granodiorite. Stronger oxidation generally along fracturing. Weakly competent rock with zones of rubble and craushed rock.
												ms			VT	70		4									Moderate veining density, often appears to be dominantly irregular quartz veinlets with moderate weathered alteration envelopes.
													lim	f													Rare sulphide mineralization. Pyrite(?) pitting noted in stronger weathered zones. Limonite common.
			6.47	6.96	0.49		BN																				Zone of weak bleaching with strong oxidation and increased low angle fractures (~30° to core axis).
			8.00	8.15	-149.85					w					VT	85	1.5			t?			s				Pitted grey-white quartz vein carrying semi-massive galena. Bleached clay altered envelopes.
9.81	52.86	43.05				GRD	GY		tw			t	pro	t	FX	50-70		4						Li			Granodiorite; Fresh to weakly propylitic altered granodiorite with patches of moderate-strong phyllic alteration. Fairly competent core rock with weak-moderate fracturing. Break surfaces often have oxidation and limonit staining.
															VT	60-70	<1	4						Cb			Low-moderate veining density. Several types noted narrow irregular carbonate veinlets are common as well as grey quartz veinlets (<2cm) often hosted in phyylic altered envelopes.
															VT	75-85	1.5	3						Qz			
																			tw	t	?	?					Trace overall mineralization, dominantly disseminated pyrite throughout the matrix. Higher concentrations occur in phyllic envelopes. Sphalerite and galena are also present generally occurring small blebs carried in quartz veinlets.
			11.37	11.93	0.56		LTGN		tw	w		tw			FX									He?			Interal of moderate phyllic and clay alteration. Section of minor clay and gouge with very weak rock. Possible hematite(?).
			12.95	13.08	0.13		GN	EN	tw				pro	tw													Carbonate veinlets with moderate-strongly phyllic envelope. Small blebby pyrite carried in veinlets.
							GY								VT	80	0.2			tw							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			16.25	16.77	0.52		LTGN	EN	tw			w	pro	tw						tw			?				Similar to 11.37-11.98m, Interval of weak-moderate propylitic and phyllic alteration and oxidized envelopes to the zone. Narrow grey quartz vinlets noted. Slight increase in finely dissminated pyrite. Possible galena.
							GY								VT													
			22.27	23.50	1.23		LTGN	EN	w	t		t																Similar to 11.37-11.98m. Weak-moderately bleached and phyllic altered interval, likely "envelopes" to multiple white-grey quartz-carbonate veinlets. Sulphides generally carried by veining structures.
							WHGY								VT	65-70	<1	6		tw	t							
			25.45	25.72	0.27		LTGN	EN	w																			Phyllic envelope with quartz cabonate veinlet carrying slightly increased pyrite and trace galena blebs.
							GY								VT	70	2.5			tw			t					
			26.72	26.99	0.27		LTGN	EN	w				pro	t														Similar to 11.37-11.98m. White grey carbonate veinlets with phyllic envelopes. No significant changes in sulphides.
							WHGY								VT	70	<0.7	3										
			28.27	28.43	0.16		GN	EN	tw				pro	t														Similar to 25.45-25.72m. Phyllic envelope with irregular quartz-carbonate veinlet with sulphides.
							GY								VT	80	~1			tw	t?							
			28.66	29.04	0.38		WHGN	EN	w	t?			pot?															Weakly bleached, possibly weakly potassic(?) and phyllic altered envelopes to grey-cream quartz-carbonate veinlet. No significant changes in sulphide content.
															VT	80	~1											
			31.56	36.58	5.02		LTGN		w	t?					FX	25		2										Light green with patchy yellow-green zones. Weak moderately phyllic altered matrix with patchy bleached clay altered zones(?). Fairly competent core rock minor fracturing at ~25° to core axis. Increase in disseminated sulphides, dominantly pyrite with trace-weak blebs of galena and/or arsenopyrite, generally assoicated with quartz-carbonate veinlets.
															VT	70-80	<1	6										
																			f	w	t	?	t					
			41.59	42.02	0.43				w			w												Li				Phyllic altered zone with increase in oxidation. Limonite noted on fracture surfaces. No significant increase in sulphides.
			45.53	46.12	0.59		LTGN	EN	w	t?										tw								Moderate phyllic altered zone, likely to be envelope surrounding sulphide bearing white-grey quartz vein Slight increase in sulphides in matrix as well.
							GY/MT								VT	85	3		m	f	tw	?						

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			48.00	50.14	2.14		GYGN		tw																		Interval of increasing phyllic alteration with three patches of slightly bleached/more phyllic altered envelopes surrounding narrow quartz-carbonate veinlets. Slight increase in sulphides in phyllic zones.
							LTGN	EN	w	t?			pro	t?						tw							
							WH/GY								VT	80	<1	2									
			50.14	52.86	2.72		WHGN		f	t																	Bleached phyllic altered zone with patchy clay alteration. No significant changes in sulphide content throughout the matrix.
			50.91	50.97	0.06	VEN									VN	65	~6		f	w	w						At 50.91m, White and grey quartz vein with slightly vuggy carbonate bearing finely disseminated pyrite and a band of arsenopyrite.
52.86						GRD	GN/GY		tw				pro	t	FX	40-70		4									Granodiorite; Similar to unit immediately uphole with increasing pervasive propylitic alteration and decreased oxidation moving downhole. Patchy phyllic alteration still present. Moderaetly competen core rock.
							WH								VT	30-40	<0.5	2									Low veining density iwth narrow white carbonate veinlets and dark grey narrow veinlets. Quartz-carbonate vein are rare.
							GY								VT	30-40	<0.5	4									
																			tw	t	?						Trace overall mineralzation, generally disseminated pyrite. Possible trace arsenopyrite(?).
			55.25	55.42	0.17		LTGN	EN	w																		Phyllic envelope surround quartz-carbonate veinle with lattice texture. No significant changes to sulphide content.
							BFWH								VT	60-70	~1.5										
			56.15	57.62	1.47		LTGN	EN	w	t?									tw	t							Similar to 55.25-55.42m. Envelope to multiple veins/veinlets. Slight increase in sulphides.
							DKGY								VT	30	<0.5										
			56.77			VEN	MT					m			VN	~20			w	tw		tw					At 56.77m, zone of mineralized silicification. Fine dissminated pyrite with blebby banded brown sphalerite.
			58.79	59.31	0.52		WH/GN	EN	w	t		t															
							BFWH								VT	55	1.5		t	t	?						Phyllic and clay altered envelope surrounding grey white carbonate veinlet. Trace sulphides.
			64.16	65.33	1.17		LTGN		w	t			pro	t?													Light green weakly bleached interval with moderate phyllic and weak clay alteration. Several quartz-carbonate veinlets noted. No significant increase in sulphides in the matrix.
			64.29			VEN	MT								VN	80	2.5		l	m	f	w	tw				At 64.29m, polymetallic grey quartz vein with pyrite, arsenopyrite and galena. Sphalerite occurs with pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			69.89	70.22	0.33		WH/GY			tw					FX												Bleached and clay altered interval. Core rock is weak; small rubble zones present.
			72.58	73.14	0.56		GN	EN	w	t			pro	t													Similar to 64.16-65.33m. Moderate propylitic and phyllic altered envelopes to buff-white quartz-carbonate veinlets. No significant increase in sulphides.
							BFWH								VT	40	<1	6									
			73.68	74.58	0.90		GN	EN	w	t			pro	t													Similar to 64.16-65.33m. Propylitic and phyllic envelopes to white-grey quartz veinlets. Possible weak potassic alteration(?) shown by spotty pink colouring. No significant increase in sulphides. Interval ends in minor zone (<0.5cm) of shattered core rock.
							WH								VT	65	<0.7	3									
	76.44	84.34	7.90			GRD	GN/WH		w	f					FX	20-30	4										Granodiorite; Patchy medium green and white interval. Appears to be weak-moderate clay altered zone with weak propylitic and phyllic envelopes. Weak-moderately competent core rock with minor intervals of blocky or shattered rock.
							GN								VT	20	<0.5	5									Moderate veining density, generally narrow, irregular white carbonate and dark green veinlets noted.
							WT								VT	60	<0.5	2						Cb			Trace mineralization, mainly with disseminated pyrite and possible amounts of pyrite.
																			t	t	t?						
			77.89	78.24	0.35	FLT?	WHGY								FLT?	25											Possible fault zone. Interval of gouge and clay with clasts. Appears to occur only on one side of the core. Minor amounts of darker grey gouge indicates presence of sulphides(?). Dissminated pyrite noted on envelopes to structures.
			82.82												VT	25	<1										At 82.82m and 83.10m, banded pink and dark red-brown veinlets. Approximately 50$% carbonate and dark grey quartz(?)
			83.10												VT	30	<1										
						GRD	GN/GY						pro	tw	FX									He	t		Weakly altered granodiorite; Wekaly propylitic altered granodiorite with patches of slightly stronger propylitic and phyllic, often as vein envelopes to veining structures. Moderately competent core rock with fracturing and zones of shattered and rubbled core rock. Dominantly fractured at ~40-50° to core axis with some low angles (~10-30° to core axis). Trace hematite on surfaces.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
84.34		-84.34					WH/GY								VT	50-60	<0.5	5						Cb			Moderate veining density. Most common is narrow, irregular white carbonate veinlets. Dark grey green veinlets also present (chlorite?)
							DK/GN								VT	30-40	<0.5	3									
																			t	t	t						Trace sulphide mineralization, dominantly fine medium disseminated pyrite. Sulphides tend to be concentrated in zones of increased vienlets, often occuring in veining structures. Rare arsenopyrite carried in veinlets as well.
			87.17	89.88	2.71										FX	10-20		3									Interval with increased low angle fracturing and shattered core rock. Crumbled carbonate noted on fracture surfaces.
			93.38	94.56	1.18	FLT?									VT	45	~3										Broken, shattered core rock, possible fault zone(?) with increased phyllic (and clay?) alteration. One banded quartz-carbonate veinlet noted with phyllic envelopes. No significant changes in mineralization.
			98.76	99.08	0.32	FLT?	WHGY		tw	w					FLT?	40	9										Similar to 93.38-94.56m. Moderate-strong clay alteration, broekn, friable core rock with minor zone of phyllic alteration envelope(?) surrounding pyrite bearing quartz-carbonate veinlet. Possible fault zone(?).
			99.53	100.10	0.57	FLT?	DKGN		t?	f			pro	t?	FLT?	60	12										Possible fault zone(?). Broken, crumbled core rock, moderately clay and phylic altered zone.
			101.35	101.46	0.11		LTGN	EN	tw																		Phyllic altered envelope surrounding carbonate veinlet. No significant change in sulphide content.
							WH								VT	40	0.5										
			103.34	105.38	2.04		LTGN	EN																			Interval of multiple veining zones with minor to moderate phyllic envelopes surrounding irregular carbonate veinlets (<1cm), rarely carrying disseminated sulphides.
							BFWH								VT	50-60	<1	5	t	t							
			103.34												FX	55											
			103.46	103.62	0.16		BFGN								VT	30-50	<0.3	2									
			103.85	103.96	0.11		GN								VT	50											
			104.43	104.74	0.31								pot	t?	VT	45-55	<0.5	2		w							Slight increase in disseminated pyrite. Enevelope appears weakly potassic altered(?).
			105.00	105.16	0.16										VT	55	<0.7	2									
			105.27	105.38	0.11				w				pot	t?	VT	50	<0.5	3									Moderately phyllic envelope with weak potassic(?).

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			106.34	108.98	2.64		LTGN		f				pro	t?					tw	t				He	t?		Interval of moderate phyllic alteration with slight increase in carbonate veinlest; One set at low angles (~20-30°) and other at moderate angles (~50-65°) to core axis. Trace-weak finely disseminated sulphides, dominantly pyrite. Noted to be generally assoicated with low angle veinlets. are red-brown specks - hematite(?).
															VT		<1	10									
			109.35	109.62	0.27	FLT?				f					FLT?	30	<5										Minor fault zone(?). Increased clay alteration and crumbled core rock.
			109.62	110.80	1.18		LTGN	EN	w				pot	t					tw	tw				He	t		Similar to 106.34-108.98m. Phyllic envelope to quartz-carbonate veinlets. Trace-weak finely disseminated pyrite noted as well as trace hematite.
							BFWH								VT	60	<0.7	3									
			112.48	114.36	1.88		LTGN	EN	f	t									f	w	t?						Similar to 106.34-108.98m. Trace to fair phyllic envelope to veinlets. Finely disseminated sulphides throughout matrix, dominatly pyrite. Arsenopyrite(?) present in grey veinlets.
							BFWH								VT	35-60	<0.5	1	t								
							DKGN								VT	70	<0.3	4	w	tw	t?						
			116.21	116.32	0.11	APL	PK								DY	25	7.5										Small pink aplite dyke.
124.05						FLT	WH/PK		w	m			pro	tw	FX	40-50											Fault zone in Granodiorite; Moderate-strongly clay altered with patches of bleached zones. Areas of weaker clay alterations how weak propylitic or phyllic alteration. Core rock is weak with ~30% of crumbled sections.
															VT		<1	3						Cb			Low-moderate veining density, slightly difficult to determine due to brokeness of core rock. Dominatnly white-grey carbonate veinlets. Two preferred orientation at ~30° and ~70° to core axis.. Rarely carrying sulphides.
																			t	t		t?	t?				Rare sulphides, generally in locallized zones o phyllic alteration.
			124.32	125.40	1.08		LTGN	EN	f											w							Weak-fairly phyllic altered envelope to vuggy irregular quartz-carbonate vein, carrying polymtallic sulphides at 124.93m, with minor amounts of gypsum. The phyllic envelope also carries weak amounts of disseminated pyrite. More competent rock.
							WH/MT								VN	55	14			f			tw				
			130.66	131.12	0.46		LTGN		m											f							Moderately phyllic altered interval with increased disseminated pyrite throughout the matrix. Narrow, sulphide-bearing quartz-carbonate veinlets noted.
															VT	70	<0.5	2									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
133.59	135.54	1.95				GRD	DKGN						pro	tw	FX	20-35		5									Weak-moderately propylitic granodiorite; Grey green propylitic altered granodiorite with locallized zones of bleaching and clay alteration. Weakly competent core rock.
							BFWH								VT	60	<0.3	1									Low veining density, generally narrow white carbonate stringers.
																			t	t							Rare dissminated sulphides, generally close tc uphole contact and consists of mainly pyrite.
135.54	144.25	8.71				GRD	WH/BN		w	m					FX	35-50		6									Moderately clay altered granodiorite; Speckled white and light brown clay and phyllic altered granodiorite. Moderately competent core rock. Moderate fracturing density with eakly clay coated surfaces.
															VT	30-40	<0.3	2									Low veining density, generally narrow carbonate stringers but with rare grey-white quartz carbonate veins.
															VT	70	~12	1									
								DI											w	w							Localized zones of disseminated sulphides, mostly occurring in zones of strong phyllic alteration.
			136.09	136.47	0.38		LTGN	EN	w		tw															x	Phyllic envelope with increased quartz content surrounding mixed grey polymetallic quartz-carbonate vein.
						VEN	WH/MT								VN	70	12		f	w		t	t				
			137.53	137.88	0.35		GN/WH		w		tw									w							Interval of increased silicification. Slight increase in disseminated sulphides, dominantly pyrite.
			137.88	138.56	0.68		BFBN			w														He	t?		Slight change in clay content/composition(?) causing a more red-brown colouring. Possible hematite(?).
			138.56	140.32	1.76		WH/BF		w	w										w							Zone of increased phyllic alteration (likely with clay). This interval appears to be weakly bleached or silicified. Buff-brown coloured clay mineral - sericite(?) Slight increase in sulphides. Minor zones of clay (fault?) at 138.74m.
						FLT?	GY			s					GO	45	1.5										
			141.42	142.50	1.08	BXA	DKGY								VN?	~80			l	m	w		s	Cp	t?		Dark grey brecciated vein(?) with disseminated to massive sulphides. Buggy carbonate bands noted. Polymetallic sulphides; disseminated - blebby pyrite with massive galena. Arsenopyrite bands and possible chalcopyrite(?).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
144.25	148.11	3.86				GRD	DKGN		tw	t?			pro	w	FX	30-60		4									Propylitic granodiorite; Dark green and buff-pink speckled propylitic granodiorite. Possible weak potassic and phyllic also present. Moderate fracturing.
															VT	40-60		4									Low-moderate veining density. Narrow white to pale green stringers present.
																			t	t							Trace amounts of disseminated sulphides scattered throughout.
			145.66	146.52	0.86		GYGN		w		w				VT?					tw							Interval of increased phyllic alteration and weak silicification - possible quartz veinlet(?). Slight increase in disseminated sulphides, dominantly pyrite.
			147.45	147.84	0.39		LTGN		w		w				VT?	55		6		w							Increased phyllic alteration surrounding zone of moderate silicification - possible veinlet(?) with very diffused contacts. Weak-moderate amounts of sulphides.
148.11	163.09	14.98				GRD	GY/GN		t				pro	tw	FX	30-60		4									Weakly altered granodiorite; Weakly propylitic altered granodiorite with localized patches of phyllic alteration. Possible zones wih weak potassic overprint(?). Fairly competent core rock with minor fracturing.
															VT	55	<0.5	1									Low veining density with rare white carbonate veinlets.
																			t	t							Trace amounts of disseminated pyrite, mostly in phyllic zones.
			150.31	150.42	0.11		GN		w											t							Moderate phyllic envelope on a narrow quartz carbonate veinlet.
							WH								VT	60	0.2			tw							
			154.56	154.83	0.27		LTGN	EN	m	t																	Moderate phyllic envelope to breccia zone
			154.83	155.09	0.26	BXA	DKGN								VN?	45			m	w	tw	tw					Breccia "vein". Small angular-subangular clasts in fine dark grey-black matrix. Polymetallic sulphides.
			155.09	155.82	0.73		LTGN	EN	m	t										t							Lower phyllic envelope to breccia zone. Severa veinlets noted bearing sulphides.
							WH								VT	50	<0.5	2		w							
			158.00	160.10	2.10										FX	10-20		4									Increased low angle fracturing
			161.59	161.90	0.31		LTGN		m																		
															VT	70				tw		t					Phyllic envelope surrounding zone of white quartz flooding/diffused veinlet.
163.08	172.82	9.74				GRD	YWGN		m	t					FX	15-30		2									Phyllic altered granodiorite; Moderately phyllic altered granodiorite with patchy zones of more intense alteration. Core rock is fairly competent with weak fracturing.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															VT	40-65	<0.5										Moderate veining density, dominantly diffused, narrow white quartz-carbonate veinlets with strong phyllic and propylitic envelopes. Often bearing race minor sulphides.
								DI											ms	ms	?	t					Moderate amounts of fine-medium dissemianted sulphides dominantly appears to be pyrite. Other sulphides more often carried in veining structures.
			163.65			VEN	WH/MT		VN						VN	75	2.5			ms	w	tw					Polymetallic quartz-carbonate vein. Banded pyrite with sphalerite and galena clots (<0.5cm across).
			165.64	166.40	0.76		GYGN		s		tw																Increased phyllic altered zone, almost texturally distructive with increased silicification. One grey quartz veinlet noted. Slightly decrease in sulphide content.
															VT	50	~1			f							
			167.75				GY/MT								VT	65	0.2			f	t?						Narrow pyrite bearing quartz-carbonate veinlet. Trace galena(?).
			168.52	169.45	0.93		GYGN		s											ms							Similar to 165.64-166.34m with increased phyllic alteration and silicification; weakly texturally destructive. Slight increase in sulphide content in matrix. One carbonate veinlet with pyrite bands.
															VT	70	1.2			s							
			169.64	172.53	2.89		GYGN	EN												ms							Interval with multiple veinlets with envelopes, similar to 167.75m. Often with slight increase in sulphides.
															VT	30-40											
			169.64				BFGN								VT	50	~2										Diffused veinlet.
			169.74				GYWH								VT	40	0.2										
			170.12				DKGN	EN							VT	45	0.7										Veinlet with strong phyllic envelope
			171.87	172.53	0.66		DKGN								VT	45-50	<1.0	5									Multiple bands of dark green with discontinuous pyrite stringers in quartz-carbonate.
172.82	176.71	3.89				GRD	GYGN		ms		tw				FX	20-45		6									Phyllic altered granodiorite; Moderately phyllic and silicified granodiorite. Textures weak-moderately destroyed. Weak but competent core rock with fracture zones and sections of shattered rock (~15%)
															VT	20-40	<0.3	2									Low veining density, mainly quartz/carbonate stringers.
																			m	f							Moderate amounts of disseminated pyrite throughou the matrix.
			173.24	174.15	0.91		DKGN						pro	t?													Interval of weaker silicification/phyllic alteration. Possible propylitic(?).
			174.87	176.42	1.55										FX												Fractured and shattered core rock. Minor clay on surfaces.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
176.71	193.24	16.53				GRD	GY		tw		t?		pro	tw	FX	30-55		7									Granodiorite; Weak propylitic granodiorite with parchy zones of phyllic (and possible potassic?) alteration. Fairly competent core rock with fractures dominantly at 30-55° to core axis, but several low angle (<20°) also noted.
															VT	30-40	<0.5	4									Low-moderate veining density, dominantly noted in phyllic altered zones. Mainly quartz-carbonate.
																			t	t							Trace sulphide mineralization, generally occurring in localized zones surrounding veining structures. Dominantly pyrite.
			178.06	178.20	0.14	VEN	GYGN		tw		ms				VN?	60				tw				He	tw		Zone of silica flooding/diffused quartz vein. Disseminated pyrite bands and discontinous blebby red-brown bands - hematite(?).
			180.49	180.79	0.30		LTGN	EN?	f											tw							Phyllic altered zone with minor grey quartz veinlet and increased disseminated sulphides.
							GY								VT	50	<0.2	3		tw							
			181.23	181.85	0.62		WHGY	EN?	f	t										tw							Similar to 180.49-180.79m. Phylliic zone with trace amounts of clay alteration. Several quartz bands noted carrying discontinous pyrite stringers.
							GY								VT	40	<0.5	3		tw							
			182.47	183.78	1.31		GN		f				pro	tw													Similar to 180.49-180.79m. Phyllic zone with several quartz-carbonate veinlets.
															VT	40	<0.5	5		tw							
			184.25	186.68	2.43		MDGN						pro	tw	FX	10-30		4									Interval with low angle fracturing giving core rock broken, shattered and rubbled texture.
			189.67	190.37	0.70		GYGN	EN	w				pro	t?													Phyllic envelope(?) surrounding two carbonate (anc quartz?) veinlets with weak lattice textures. No significant changes in sulphides.
							BFWH								VT	70	<2	2									
193.24	195.27	2.03				GRD	LTGN		f	tw			pro	t	C	60?											Upper contact zone to dyke; Phyllic and propylitic altered granodiorite due to contact alteration from dyke downhole. Blockay and shattered core rokc with low-moderate angles (~10-50°) to core axis. Weak amounts of sulphides, dominantly disseminated pyrite.
															FX												
																			w	w							
			194.56	195.27	0.71	BXA	DKGY								VN?	70	4										Interval with vuggy carbonate veins (infilled by chalcedony). One band of dark grey breccia "vein" also present.
						VEN	BFGY								VN?	60	5										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
195.27	207.90	12.63				POR	BFBN	PO	t?	tw			pro	t?	DY	60											Porphyritic dyke; Buff-grey-brown with patchy zones of green coloured porphyritic dyke - quartz-feldspar porphyry dyke. Apppears to be weakly clay altered. Weak-moderately competent core rock but als slightly friable locally. No siginificant sulphides noted.
															FX	30-60		7									
207.27	208.34	1.07				GRD	GN/GY	BX	f	m					GO?					tw	tw?		w				Contact zone(?) granodiorite between dykes; Brecciated moderate-strong clay altered granodiorite, likely due to vicinity of two dyke unites possible xenolith(?). Weak-moderate fine-medium disseminated sulphides. Occasional fragments of sulphides (<2cm across)
208.34	215.30	6.96				POR	BFBN	PO	t?	f			pro	t?	DY	60			t								Porphyritic dyke; Similar to 195.27-207.90m with increased clay alteration of quartz-feldspar pophyry unit. Blocky and shattered core rock with low-moderate (~20-60°) angles to core axis. Grey gouge noted on fracture surfaces - possible sulphide stringers(?). Narrow black bands also noted bearing minor pyrite - breccia "veins"(?)
															FX												
															VT?		<1	2		tw							
			212.53	215.30	2.77	FLT?				m					GO?												Increasing clay alteration moving downhole (faulted?)
215.30	216.41	1.11				BXA	DKGY								VN?	70			x	m	m		ms				Breccia "vein"; Interval of dark matrix breccia with granodiorite and porphyritic clasts (subrounded, <5cm across). Weakly broken core rock. Polymetallic vein with massive sulphides noted. Hematite also present.
216.41	217.24	0.83				POR	BFBN	PO	t?	f					DY	65											Fine grained quartz-feldspar porphyry dyke(?); Similar to 208.34-215.30m. Moderately clay altered likely because of contact zone. Slightly blokcy and ffriable core rock. No significant sulphides.
217.24	219.30	2.06				GRD	GYGN		f		tw				FX	45											Phyllic granodiorite; Fair-moderately phyllic altered granodiorite. Moderately competent core rock.
							DKGY	BX							VT	60	<1	3									Moderate veining density with dark breccia bands commonly noted. Narrow discontinuous sulphides stringers also noted in grey quartz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
							WHGY								VT	50	<1	2		tw								
								DI											w	tw		t	t				Weak-moderate amounts of disseminated sulphides throughout the matrix and carried in veilets. Galena and sphalerite also noted in breccia zone.
			218.02	218.42	0.40	BXA	DKGY				f				VN	75			m	m		t					Breccia zone with polymetallic quartz vein bearing pyrite and bands of sphalerite.
219.30	221.34	2.04				GRD	BFGN		w	w					FX	40-60		3										Bleached and clay altered granodiorite; Weak moderate phyllic and clay altered granodiorite. Fairly competent core rock.
							GYWH								VT	50-60												Moderate veining, dominantly grey quartz-carbonate bands.
																			t	t								Trace disseminated sulphides, increasing moving downhole towards contact with dyke.
			220.34	221.34	1.00			BX			t?									tw								Increasing brecciation with increasing sulphides moving downhole towards contact.
221.34	227.89	6.55				POR	TNBF	PO		t			pro	t	DK	60												Porphyritic dyke; Weakly propylitic quartz-feldspar porphyry dyke with possible weak clay alteration. Moderately competent core rock with minor fracturing. No significant veining or sulphide mineralization.
															FX	40-50		3										
			227.74	227.89	0.15										C	60												Lower contact zone to dyke. Slight increase in sulphides.
227.89	243.94	16.05				GRD	GY		w		t?				FX	30-50		4										Phyllic granodiorite; Light grey (weakly bleached) weak-moderately phyllic granodiorite. Patchy zones of increased alteration throughout the matrix. Moderately competent core rock with minor fracturing.
							GYWH								VT	45-60	<0.5	2										Low-moderate veining density, often noted to be quartz-carbonate, generally at moderate angles to core axis but several noted at low angles.
								DI											w	w								Weak-fair amounts of disseminated pyrite throughout the matrix. Minor amounts of blebby tourmaline(?).
			227.89	228.84	0.95				w				pro	t?						t								Increased phyllic alteration zone, likely due to contact. Decreased sulphides.
			229.22	230.63	1.41		GYGN				tw?		pot?		GO	60	2.5											Increase silicification(?) with narrow bands of grey gouge. Patchy zones with mottled pink colouring - possibly potassic alteration(?).
			232.05	232.84	0.79										FX	5												Low angle fracture along low angle quartz-carbonate veinlet. No significant change in mineralization.
							WH								VT	5	<0.5											

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			235.81	236.35	0.54		GY								FX	10												Low angle fracture along low angle quartz (and carbonate) vein bearing semi-massive sulphides (dominantly prite). Discontinuous pyrite stringers parallel to vein.
						VEN	WH/MT								VN	10	02.5											
			238.45	238.74	0.29		BFBN			tw?			pot?											He?				Decreased in green colouration and increased ir brown colouring - clay or potassic alteration(?). Possible hematite(?).
			240.39	240.74	0.35	VEN	GY								VN	55				t							Interval of mixed carbonate and chalcedony veins. Begins as carbonate-quartz uphole with weak brecciated texture then becomes vuggy grey chalcedony. Decreased sulphides.
			241.89	242.13	0.24		DKGN																				Interval of decreased bleaching of the matrix. Decreased clay(?).
243.94	247.96	4.02				GRD	GNGY						pro	t	FX	30-50		2									Propyllitic Granodiorite; Weak-moderate propylitic granodiorite with patchy zones of moderate phyllic alteration, generally noted as veinlet envelopes. Competent core rock.
															VT	60-70	<0.3	3									Low veining density density, mostly narrow buff carbonate veinlets.
																			t	t							Rare-trace sulphides noted
							LTGN	EN	w		t																Several zones of moderate phyllic alteration noted gneerally appearing to be envelope zones to veining structures. Slight increase in sulphides in matrix and veinlets.
															VT	30-60	<2	2									
			244.62	244.78	0.16		LTGN		w		tw?																Sulphide noted in veinlets; rare amounts noted in matrix.
							GY		w						Vt	35	2			tw							
			245.18	245.32	0.14		GYGN		w		tw?		pot?							tw							Multiple narrow veinlets. Weakly pink coloured envelopes - potassic alteration(?).
							BFGN								VT	70	<0.2	4									
			245.87	246.24	0.37		LTGN		w		tw		pot?														Multiple narrow suphide bearing veinlets in light green-pink coloured matrix.
							GY/BF								VT		<1	7		tw							
247.96	263.98	16.02				GRD	GNGY		w						FX	40-50		2									Phyllic granodiorite; Similar to 227.89-243.94m. Light-medium grey-green variably phyllic granodiorite. Fairly competent core rock with minor fracturing.
															VT	45-70	<3	4									Moderate vein density, often banded quartz carbonate veins and veinlets bearing polymetallic sulphides. Decreaseing vein density moving downhole.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
																			tw	tw	t	t	t				Trace-weak amounts of disseminated sulphides noted scattered throughout the matrix, dominantly pyrite. Most of sulphides in this interval occur in veins.
			248.87	249.65	0.78		YWGN	EN	w	t	tw																Interval of increased veining. Irregularly bandec with lattice texture quartz-carbonate vein. One banc appears to be a breccia band (<2cm wide). Sligh increase in phyllic alteration and possible silicification. Polymetallic sulphides noted as fine-medium disseminations, generally in veining structures.
						VEN	BFWH								VT	35-50	<2	6	w	tw	t?	t	t				
			250.15	250.32	0.17		BNGN	EN	w	t	tw																Phyllic envelope surrounding polymetallic vein bearing galena and sphalerite.
						VEN	MT								VT	75	~1		x	w		f	m				
			252.02	252.65	0.63	VEN	GY/MT								VT	50-65	<3	3									Similar to 248.87-249.65m. Interval of increased veining. Mixed bands of carbonate, quartz and sulphides
			252.06			VEN	GY/MT	BX							VT	75	2.5		m	w		f					At 252.06m, possible breccia "vein" with dark grey chalcedony and lattice structure carbonate.
			252.22	252.32	0.10	VEN	MT								VN	60			s	ms		tw	t?				At 253.02-253.20m. Grey quartz vein with semi-massive sulphides, dominantly pyrite with minor sphalerite and trace galena(?).
			252.47			VEN	GNGY	BX							VN	50	4		f	f							At 253.47m. Brecciated quartz vein. Fine disseminated sulphides noted throughout.
			254.98			VEN	MT								VN	65	2										Polymetallic sulphides bearing quartz vein
			255.61	256.09	0.48		GY						pro	tw													Weakly propylitic granodiorite
			257.29	258.95	1.66		GY						pro	tw													Weakly propylitic granodiorite
			259.14	259.22	0.08		MDGN	EN					pro	tw													Quartz veinlet bounded by carbonate with weak moderate propylitic and phyllic envelopes.
							BFWH								VT	70	1			tw							
			261.58	265.98	4.40		WH/GN		w	tw																	Interval of variable clay alteration and bleaching possible alteration envelopes. Several bands of veining (breccia and quartz-carbonate) noted. Sligh increase in disseminated sulphides.
			262.54			BXA	DKGY								VT	60	2			tw							At 262.54m, dark breccia "vein". Increased sulphides.
			263.00			BXA	DKGY								VT	65	4			tw		t					At 263.0m, dark breccia "vein". Increased sulphides.
			263.80												VT	~35	~2			w							At 263.80m, irregular, deformed vein(?) with bleblby sulphides, dominantly pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
265.98	267.11	1.13				POR	BF	PO		tw					DY	50											Quartz-feldspar porphyry dyke; Buff coloured moderately clay altered porphyry dyke. Moderately fractured core rock with minor (<1cm wide) zones of crumbled rock. Low veining density, increasing downhole with dark grey, irregular stringers. No significant sulphides noted.
															FX	30		8										
							DKGY								VT	30-50		6										
267.11	267.85	0.74				BXA	GY/GN	BK?							C	40			f	w		tw						Brecciated granodiorite; "Fragment" between tw dyke units(?). Moderately phyllic altered with black breccia. Dissminated sulphides common.
267.85	268.58	0.73				POR	BF			ms					DY	~60												Felsic dyke; Strongly clay altered dyke, likely quartz feldspar porphyry. Strongly crumbled or shattered core rock - faulted(?).
															FLT?													
268.58	269.58	1.00				BXA	GN/GY			ms					C	50												Brecciated granodiorite; Similar to 267.11-267.85m. Brecciated granodiorite contact zone. Strongly clay altered with crumbled and very weak rock - faulted(?).
															FLT?													
269.58	271.70	2.12				POR	BF	PO					pot	tw	DY	50												Porphyritic dyke; Similar to 265.98-267.11m. Decreased clay with weak propylitic alteration. Narrow diffused dark grey breccia bands (<0.5cm) noted. No significant sulphides.
							DKGY	BX							FX	50-60		9										
															VT	50-60	<0.5	3										
271.70	293.22	21.52				GRD	GY		t				pro	tw	FX	40-70		3										Weakly altered granodiorite; Bariabley weak propylitic granodiroite with minor patchy zones of minor potassic alteration (pink colouring). Light green phyllic zones also present, often as vein envelopes. Fairly competent core rokc with minor fracturing.
															VT	30-60	<0.5	3										Low-moderate veining density, dominantly irregular and narrow carbonate stringers. Several surrounded by phyllic envelopes noted, often containing sulphides.
																			t	t								Rare-trace disseminated sulphides throughout the matrix. Slight increase in phyllic zones.
			276.20				PK						pot	w	FX	40-70		10										From 276.20m, increased pink colouring - likely potassic alteration. Slight increase in fractures noted.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									Photo	DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			279.28	280.72	1.44		YWGN		w										w	tw								Weak-moderate phyllic altered zone, appearing to be enveloope zones to sulphide bearing quartz-carbonate veinlets. Disseminated pyrite present throughout the matrix while sulphide stringers noted in veinlets.
							WH/MT								VT	65	<1	2		w		tw						
			281.47	281.55	0.08	MAF	DKGY	PO							DY	60	5			w								Very dark grey propylitic dyke. Bounded by pyrite stringers and narrow potassic envelopes.
			283.68	284.08	0.40		YWGN	EN	w																			Phyllic altered envelope surrounding several veinlets. Narrow quartz veinlets bearing sulphides with narrow dark green envelopes - propylitic(?).
							GY/GN								VT	70-80	<0.5	5		tw	t?							
			284.53	285.65	1.12		YWGN	EN	w	t																		Similar to 283.58-284.08m. Phyllic envelope, likely with minor clay alteration surrounding several sulphide bearing veinlets. Possible trace hematite in localized zones in the matrix.
							BF/MT								VT	55	<1.5	2		tw	t	tw	t	hem	?			
			287.25	287.36	0.11	MAF	DKGY	PO							DY	35	6			w								Similar to 281.41-281.55m. Dark grey propylitic mafic dyke. Medium disseminated pyrite noted.
			287.75	288.38	0.63		LTGN	EN	w	tw										tw								Similar to 284.53-255.65m. Weak-moderately bleached and phyllic envelopes to two grey quartz veinlets bearing sulphides.
							GY/MT								VT	70	<2	2		tw		tw						
			290.76	292.77	2.01		LTGN	EN	w	t?										w								Phyllic zone with sulphide bearing quartz veinlets. Disseminated pyrite noted throughout matrix.
							GY/MT								VT	60-65	<2.5	4		tw	t							
			291.19			VEN	GY/MT	VU							VT	50	2.5			w	tw		t?						At 291.19m, buggy quartz-carbonate with pyrite and arsenopyrite.
			291.76			VEN	GY/MT								VT	55	2.7			x		t						At 291.76m, quartz veinlet with massive pyrite and sphalerite.
			292.42			VEN									VT	65	1.5	2		ms	t	tw						At292.42m, two quartz-carbonate veinlets with sulphides.
293.22	296.93	3.71				GRD	GY						pot	tw														Granodiorite; Relatively "fresh" granoidiorite with possible weak potassic alteration moving downhole. Trace amounts of pyrite stringers and blebs present. Sulphide content increases with phyllic alteraion due to contact with dyke unit downhole.
								ST							VT	70-80	<0.1	2		t								
								DI												t								

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
296.93	298.29	1.36				MAF	DKGY	PO	tw?						DY	75				tw							Mafic porphyritic dyke; Dark green-grey porphyritic dyke, crosscut by narrow sulphide bearing quartz-cabonate veinlets (<1cm wide) with dark yellow-green envelopes - phyllic altered(?). Fine-medium disseminated pyrite throughout matrix.
															VT	65	<0.7	3										
298.29	308.65	10.36				GRD	GN/GY		tw				pot	?	FX	40-60		2										Granodiorite; Similar to 271.70-293.22m. Variably phyllic altered zones with relativiely fresh patches in granodiorite. Minor fractures.
															VT	65	<0.5	3										Low veining density noted in non-phyllic zones. Slight increase in phyllic zones of narrow grey quartz veinlets bearing sulphides.
																			t									Rare-trace sulphides, generally noted in phyllic zones.
			299.77	300.35	0.58		LTGN	EN	w											tw								Phyllic zone with sulphide bearing quartz vienlets. Narrow pyrite stringers.
							MT								VT	60-70	<0.2			w		t?						
			302.64	307.73	5.09		LTGN	EN	f	tw?										tw								Zone of variable phyllic with patchy clay alteration. Envelopes for large white-cream quartz-carbonate veins. Disseminated sulphides often seen in stronger phyllic zones. Pyrite stringers also noted.
							GYWH								VT	40	<7.5	2										
			304.10			VEN	WH	VU							VN	50	9											At 304.10m, vuggy quartz carbonate vein. No significant sulphides.
			307.16			VEN	WH/MT	BX							VT	70	6			w		t						At 307.16m, brecciated carbonate-quartz veinlet with sulphides.
308.64	312.73	4.09				GRD	GY																					Fresh granodiorite; Relatively unaltered granodiorite. Rare narrow pyrite stringers noted.
																												EOH @ 312.73m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-17

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
1.52	3.05	1.53	1.22	80	0.38	25	M	MW		
3.05	5.18	2.13	1.13	53	0.26	12	M	MW		
5.18	6.40	1.22	1.11	91	0.43	35	W	MW		
6.40	7.92	1.52	1.14	75	0.16	11	MS	EW		
7.92	9.45	1.53	1.23	80	0.21	14	S	EW		
9.45	10.97	1.52	1.50	99	0.99	65	VS	MW		
10.97	12.04	1.07	1.12	105	0.45	42	M	MW		
12.04	14.02	1.98	2.00	101	1.24	63	MS	SW		
14.02	17.07	3.05	2.81	92	1.55	51	MS	SW		
17.07	20.12	3.05	3.10	102	1.10	36	S	SW		
20.12	23.16	3.04	2.88	95	0.97	32	W	SW		
23.16	26.21	3.05	2.97	97	1.98	65	VS	SW		
26.21	29.26	3.05	2.77	91	1.56	51	S	SW		
29.26	32.30	3.04	2.85	94	1.83	60	M	SW		
32.30	35.36	3.06	2.89	94	1.90	62	M	SW		
35.36	38.40	3.04	2.86	94	1.28	42	VS	SW		
38.40	41.45	3.05	3.05	100	1.78	2	VS	SW		
41.45	44.50	3.05	3.05	100	0.61	1	S	MW		
44.50	47.55	3.05	2.96	97	1.16	1	M	EW		
47.55	50.59	3.04	2.06	68	1.05	1	M	MW		
50.59	53.64	3.05	3.01	99	2.05	2	W	SW		
53.64	56.69	3.05	3.00	98	1.87	2	S	SW		
56.69	59.74	3.05	3.06	100	1.60	2	M	SW		
59.74	62.79	3.05	3.11	102	1.47	1	VS	FR		
62.79	65.84	3.05	2.83	93	1.98	2	S	FR		
65.84	68.88	3.04	3.01	99	1.99	2	VS	FR		
68.88	71.63	2.75	2.78	101	1.20	1	MS	SW		
71.63	74.83	3.20	3.00	94	1.55	2	MS	FR		
74.83	77.88	3.05	3.20	105	0.77	1	S	FR		
77.88	80.77	2.89	3.02	104	1.22	1	S	FR		
80.77	84.12	3.35	3.04	91	0.80	1	MS	FR		
84.12	87.17	3.05	3.05	100	1.27	1	S	FR		
87.17	90.22	3.05	3.18	104	0.58	1	S	FR		
90.22	93.26	3.04	3.00	99	1.24	1	S	FR		
93.26	95.71	2.45	2.75	112	0.98	1	MS	FR		
95.71	98.76	3.05	3.13	103	1.31	43	S	FR		
98.76	101.96	3.20	2.96	93	1.22	38	MS	FR		
101.96	105.16	3.20	3.22	101	2.16	67	MS	FR		
105.16	108.20	3.04	2.89	95	1.70	56	S	FR		
108.20	111.25	3.05	3.10	102	1.80	59	S	SW		
111.25	114.30	3.05	2.99	98	1.73	57	S	FR		
114.30	117.35	3.05	2.88	94	2.17	71	S	FR		
117.35	120.55	3.20	3.08	96	1.80	56	W	FR		
120.55	123.60	3.05	3.02	99	1.08	35	S	FR		
123.60	126.80	3.20	2.90	91	1.42	44	M	FR		
126.80	129.84	3.04	2.60	86	0.60	20	M	FR		
129.84	133.81	3.97	2.60	65	0.92	23	S	FR		
133.81	135.33	1.52	1.49	98	0.24	16	W	FR		
135.33	137.77	2.44	2.44	100	1.13	46	M	FR		
137.77	138.99	1.22	1.13	93	0.70	57	W	FR		
138.99	142.04	3.05	3.04	100	1.91	63	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
142.04	145.08	3.04	3.05	100	1.02	34	M	FR		
145.08	148.12	3.04	2.96	97	1.06	35	M	FR		
148.12	151.18	3.06	2.84	93	2.02	66	M	FR		
151.18	154.23	3.05	3.14	103	2.45	80	M	FR		
154.23	157.28	3.05	3.12	102	1.95	64	M	FR		
157.28	160.32	3.04	3.00	99	0.85	28	S	FR		
160.32	163.37	3.05	3.00	98	2.26	74	W	FR		
163.37	166.42	3.05	2.80	92	1.95	64	S	FR		
166.42	169.16	2.74	2.89	105	2.40	88	S	FR		
169.16	171.30	2.14	2.17	101	1.51	71	VS	FR		
171.30	174.35	3.05	3.08	101	2.34	77	S	FR		
174.35	177.39	3.04	3.00	99	1.32	43	M	FR		
177.39	180.44	3.05	3.10	102	1.43	47	M	FR		
180.44	183.04	2.60	3.06	118	1.48	57	M	FR		
183.04	186.84	3.80	2.95	78	0.79	21	M	FR		
186.84	190.04	3.20	3.18	99	1.48	46	M	FR		
190.04	193.24	3.20	2.74	86	0.58	18	VS	FR		
193.24	196.44	3.20	2.93	92	0.69	22	S	FR		
196.44	199.64	3.20	2.90	91	0.82	26	M	FR		
199.64	202.70	3.06	3.05	100	0.59	19	MS	FR		
202.70	205.90	3.20	3.15	98	1.13	35	MS	FR		
205.90	208.94	3.04	3.07	101	0.62	20	VW	FR		
208.94	211.23	2.29	2.12	93	0.26	11	MS	FR		
211.23	214.27	3.04	2.98	98	0.10	3	W	FR		
214.27	216.41	2.14	2.15	100	0.64	30	W	FR		
216.41	218.24	1.83	1.83	100	0.51	28	W	FR		
218.24	221.28	3.04	2.97	98	1.77	58	S	FR		
221.28	225.25	3.97	3.07	77	1.05	26	S	FR		
225.25	227.38	2.13	3.03	142	0.94	44	S	FR		
227.38	230.43	3.05	3.00	98	1.89	62	MS	FR		
230.43	233.48	3.05	3.02	99	1.56	51	MS	FR		
233.48	236.52	3.04	3.15	104	1.47	48	MS	FR		
236.52	239.57	3.05	2.94	96	2.31	76	MS	FR		
239.57	242.62	3.05	3.00	98	2.15	70	S	FR		
242.62	245.67	3.05	3.07	101	2.34	77	MS	FR		
245.67	248.72	3.05	3.00	98	1.73	57	S	FR		
248.72	251.76	3.04	2.95	97	2.48	82	S	FR		
251.76	254.81	3.05	3.02	99	2.30	75	MS	FR		
254.81	257.86	3.05	3.00	98	2.27	74	MS	FR		
257.86	260.91	3.05	3.05	100	2.33	76	MS	FR		
260.91	263.96	3.05	3.03	99	2.21	72	S	FR		
263.96	267.00	3.04	2.97	98	0.16	5	S	FR		
267.00	270.05	3.05	2.76	90	0.64	21	W	FR		
270.05	273.10	3.05	2.91	95	1.22	40	S	FR		
273.10	276.15	3.05	3.06	100	1.66	54	MS	FR		
276.15	279.20	3.05	3.08	101	1.29	42	VS	FR		
279.20	282.25	3.05	3.08	101	1.45	48	S	FR		
282.25	285.29	3.04	3.06	101	2.23	73	S	FR		
285.29	288.34	3.05	3.15	103	2.00	66	S	FR		
288.34	291.39	3.05	3.07	101	2.11	69	ES	FR		
291.39	294.44	3.05	3.09	101	1.97	65	VS	FR		
294.44	297.49	3.05	3.04	100	1.94	64	VS	FR		
297.49	300.53	3.04	3.11	102	2.07	68	VS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
300.53	303.58	3.05	3.10	102	2.30	75	VS	FR		
303.58	306.63	3.05	3.00	98	1.60	52	VS	FR		
306.63	309.68	3.05	3.05	100	1.20	39	ES	FR		
309.68	312.73	3.05	3.07	101	1.14	37	ES	FR		
										EOH @ 312.73m

SAMPLE LOG

HOLE: KL-11-17

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.38	3.38		0	N/S						Overburden - not sampled
3.38	6.40	3.02	1.95	65	K271420	1					
6.40	7.92	1.52	1.40	92	K271421	1					
7.92	9.80	1.88	1.69	90	K271422	1					Galena vein
					K271423	1					Blank
9.80	12.04	2.24	2.24	100	K271424	1					
12.04	14.02	1.98	1.98	100	K271425	1					
14.02	17.07	3.05	2.84	93	K271426	1					
17.07	20.12	3.05	3.05	100	K271427	1					
20.12	22.27	2.15	2.04	95	K271428	1					
					K271429	1					Standard: CDN-ME-16
22.27	23.50	1.23	1.23	100	K271430	1					
23.50	25.45	1.95	1.95	100	K271431	1					
25.45	26.99	1.54	1.48	96	K271432	1					
26.99	29.34	2.35	2.23	95	K271433	1					
					K271434	1					Duplicate of ***433
29.34	31.56	2.22	2.20	99	K271435	1					
31.56	34.00	2.44	2.42	99	K271436	1					
34.00	36.58	2.58	2.51	97	K271437	1					
36.58	39.10	2.52	2.42	96	K271438	1					
39.10	41.59	2.49	2.49	100	K271439	1					
41.59	44.50	2.91	2.88	99	K271440	1					
					K271441	1					Standard: CDN-ME-16
44.50	46.12	1.62	1.62	100	K271442	1					
46.12	48.00	1.88	1.69	90	K271443	1					
48.00	50.14	2.14	2.13	100	K271444	1					
50.14	52.83	2.69	2.68	100	K271445	1					
52.83	55.25	2.42	2.40	99	K271446	1					
55.25	57.62	2.37	2.34	99	K271447	1					
					K271448	1					Blank
57.62	59.31	1.69	1.68	99	K271449	1					
59.31	61.73	2.42	2.38	98	K271450	1					
61.73	64.16	2.43	2.43	100	K271451	1					
64.16	65.33	1.17	1.06	91	K271452	1					
65.33	67.58	2.25	2.25	100	K271453	1					
67.58	69.89	2.31	2.24	97	K271454	1					
69.89	72.58	2.69	2.69	100	K271455	1					
72.58	74.58	2.00	1.82	91	K271456	2					
74.58	76.44	1.86	1.75	94	K271457	2					
76.44	78.24	1.80	1.78	99	K271458	2					Minor fault zone?
78.24	80.77	2.53	2.53	100	K271459	2					
80.77	84.34	3.57	3.12	87	K271460	2					Clay altered
					K271461	2					Standard: CDN-ME-16
84.34	87.17	2.83	2.83	100	K271462	2					
87.17	90.22	3.05	2.02	66	K271463	2					
90.22	93.26	3.04	2.74	90	K271464	2					
93.26	95.71	2.45	2.45	100	K271465	2					
95.71	98.76	3.05	3.05	100	K271466	2					
98.76	100.10	1.34	1.21	90	K271467	2					Fault
					K271468	2					Standard: CDN-ME-16
100.10	101.35	1.25	1.25	100	K271469	2					
101.35	103.34	1.99	1.99	100	K271470	2					
103.34	105.38	2.04	2.03	100	K271471	2					
105.38	106.34	0.96	0.96	100	K271472	2					
106.34	108.98	2.64	2.57	97	K271473	2					
					K271474	2					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.98	110.84	1.86	1.83	98	K271475	2					
110.84	112.48	1.64	1.64	100	K271476	2					
112.48	114.34	1.86	1.78	96	K271477	2					
114.34	117.35	3.01	2.93	97	K271478	2					
117.35	120.55	3.20	3.05	95	K271479	2					
					K271480	2					Duplicate of ***480
120.55	122.30	1.75	1.67	95	K271481	2					
122.30	124.08	1.78	1.76	99	K271482	2					
124.08	125.74	1.66	1.59	96	K271483	2					Fault
					K271484	2					Blank
125.74	126.80	1.06	1.05	99	K271485	2					Fault
126.80	129.84	3.04	3.00	99	K271486	2					Fault
129.84	133.59	3.75	3.00	80	K271487	2					Fault
133.59	135.54	1.95	1.76	90	K271488	2					
135.54	137.88	2.34	2.34	100	K271489	2					Vein
137.88	140.32	2.44	2.39	98	K271490	2					
140.32	141.42	1.10	1.09	99	K271491	2					
141.42	142.50	1.08	1.08	100	K271492	3					Breccia
142.50	144.25	1.75	1.71	98	K271493	3					
					K271494	3					Standard: PL-2
144.25	146.52	2.27	2.25	99	K271495	3					
146.52	148.11	1.59	1.59	100	K271496	3					
148.11	150.42	2.31	2.01	87	K271497	3					
150.42	152.61	2.19	2.11	96	K271498	3					
152.61	154.56	1.95	1.95	100	K271499	3					
154.56	155.82	1.26	1.26	100	K271500	3					Breccia zone/envelopes
					K271501	3					Blank
155.82	158.50	2.68	2.68	100	K271502	3					
158.50	161.59	3.09	2.89	94	K271503	3					
161.59	163.09	1.50	1.42	95	K271504	3					
163.09	165.64	2.55	2.55	100	K271505	3					
					K271506	3					Duplicate of ***505
165.64	168.52	2.88	2.88	100	K271507	3					
168.52	169.64	1.12	1.10	98	K271508	3					
169.64	172.82	3.18	3.18	100	K271509	3					
172.82	174.87	2.05	2.05	100	K271510	3					
174.87	176.71	1.84	1.82	99	K271511	3					
176.71	178.20	1.49	1.49	100	K271512	3					Vein
					K271513	3					Blank
178.20	180.49	2.29	2.29	100	K271514	3					
180.49	182.47	1.98	1.85	93	K271515	3					
182.47	184.25	1.78	1.76	99	K271516	3					
184.25	186.68	2.43	2.35	97	K271517	3					Low angle fracturing
186.68	189.67	2.99	2.95	99	K271518	3					
189.67	191.14	1.47	1.46	99	K271519	3					
191.14	193.24	2.10	1.88	90	K271520	3					
193.24	195.27	2.03	1.92	95	K271521	3					Contact zone breccia/veining
					K271522	3					Standard: CDN-ME-16
195.27	196.44	1.17	1.17	100	K271523	3					Dyke
196.44	199.64	3.20	3.10	97	K271524	3					Dyke
199.64	202.70	3.06	3.02	99	K271525	3					Dyke
202.70	205.90	3.20	3.08	96	K271526	3					Dyke
205.90	207.27	1.37	1.33	97	K271527	3					Dyke
207.27	208.34	1.07	1.07	100	K271528	4					Zone between dykes
208.34	212.53	4.19	3.81	91	K271529	4					Dyke
212.53	215.36	2.83	2.25	80	K271530	4					Faulted dyke
215.36	216.41	1.05	0.94	90	K271531	4					Breccia contact
216.41	217.24	0.83	0.83	100	K271532	4					Faulted dyke

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
217.24	219.30	2.06	1.92	93	K271533	4					
					K271534	4					Blank
219.30	221.34	2.04	2.04	100	K271535	4					
221.34	224.33	2.99	2.83	95	K271536	4					Dyke
224.33	227.89	3.56	3.56	100	K271537	4					Dyke
					K271538	4					Duplicate
227.89	230.63	2.74	2.69	98	K271539	4					
230.63	233.48	2.85	2.83	99	K271540	4					
233.48	235.81	2.33	2.33	100	K271541	4					
235.81	238.45	2.64	2.51	95	K271542	4					Vein
238.45	240.74	2.29	2.29	100	K271543	4					
240.74	243.94	3.20	3.08	96	K271544	4					
					K271545	4					Standard: PL-2
243.94	245.87	1.93	1.93	100	K271546	4					
245.87	247.96	2.09	2.03	97	K271547	4					
247.96	250.15	2.19	2.19	100	K271548	4					
250.15	252.65	2.50	2.37	95	K271549	4					Veining
					K271550	4					Blank
252.65	255.00	2.35	2.30	98	K271551	4					Veining
255.00	257.29	2.29	2.26	99	K271552	4					
257.29	259.96	2.67	2.67	100	K271553	4					
259.96	261.58	1.62	1.61	99	K271554	4					
261.58	263.98	2.40	2.37	99	K271555	4					
					K271556	4					Standard: PL-2
263.98	267.11	3.13	3.07	98	K271557	4					Dyke
267.11	267.85	0.74	0.70	95	K271558	4					
267.85	269.58	1.73	1.54	89	K271559	4					
269.58	271.70	2.12	2.12	100	K271560	4					Dyke
271.70	273.95	2.25	2.05	91	K271561	4					
273.95	276.20	2.25	2.19	97	K271562	4					
276.20	279.28	3.08	3.00	97	K271563	4					
279.28	280.72	1.44	1.44	100	K271564	5					
280.72	283.68	2.96	2.89	98	K271565	5					
					K271566	5					
283.68	285.65	1.97	1.99	101	K271567	5					
285.65	288.38	2.73	2.81	103	K271568	5					
288.38	290.76	2.38	2.38	100	K271569	5					
290.76	293.22	2.46	2.51	102	K271570	5					
					K271571	5					
293.22	295.00	1.78	1.77	99	K271572	5					
295.00	296.93	1.93	1.90	98	K271573	5					
296.93	298.29	1.36	1.38	101	K271574	5					
298.29	300.35	2.06	2.10	102	K271575	5					
300.35	302.64	2.29	2.28	100	K271576	5					
302.64	305.54	2.90	2.93	101	K271577	5					
305.54	308.64	3.10	2.93	95	K271578	5					
308.64	310.75	2.11	2.11	100	K271579	5					
310.75	312.73	1.98	2.04	103	K271580	5					
											EOH @ 312.73m

DENSITY LOG

Hole: **KL-11-17**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
2000g STD												2012.9	1754.9		#DIV/0!	7.80
102.82	GRD									10.3	6.35	868.2	570.1		2.66	2.91
150.97	GRD									9.65	6.35	812.9	509.3		2.66	2.68
242.62	GRD									10.26	6.35	829.8	507.3	Phyllic	2.55	2.57
291.43	GRD									10.18	6.35	886.6	560.8	Phyllic, quartz veining	2.75	2.72

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-17

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00			1.107	
2.00			4.81	
3.00			4.62	
4.00			0.277	
5.00			13.62	
6.00			16.77	
7.00			11.96	
8.00			0.187	
9.00			0.322	
10.00			20.18	
11.00			13.68	
12.00			14.5	
13.00			1.463	
14.00			10.66	
15.00			13.24	
16.00			18	
17.00			16.85	
18.00			15.46	
19.00			16.09	
20.00			18.4	
21.00			24.51	
22.00			15.47	
23.00			0.397	
24.00			23.07	
25.00			27.93	
26.00			27.03	
27.00			2.34	
28.00			25.34	
29.00			17.01	
30.00			22.88	
31.00			27.39	
32.00			0.735	
33.00			4.076	
34.00			0.37	
35.00			0.752	
36.00			0.607	
37.00			34.34	
38.00			25.06	
39.00			22.24	
40.00			27.4	
41.00			7.033	
42.00			20.15	
43.00			3.593	
44.00			33.85	
45.00			4.444	
46.00			0.988	
47.00			23.49	
48.00			2.365	
49.00			3.676	
50.00			14.54	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.206	
52.00			0.526	
53.00			11.69	
54.00			32.99	
55.00			23.17	
56.00			13.35	
57.00			7.039	
58.00			30.43	
59.00			1.351	
60.00			21.9	
61.00			25.8	
62.00			29.57	
63.00			22.96	
64.00			11.67	
65.00			0.599	
66.00			19.9	
67.00			12.48	
68.00			19.49	
69.00			25.68	
70.00			21.92	
71.00			22.8	
72.00			21.88	
73.00			2.242	
74.00			0.533	
75.00			3.686	
76.00			4.106	
77.00			1.051	
78.00			0.253	
79.00			24.96	
80.00			6.583	
81.00			12.35	
82.00			20.69	
83.00			9.714	
84.00			25.34	
85.00			24.53	
86.00			23.69	
87.00			1.555	
88.00			22.32	
89.00			21.77	
90.00			20.2	
91.00			43.77	
92.00			17.27	
93.00			20.79	
94.00			12.02	
95.00			5.963	
96.00			25.31	
97.00			22.15	
98.00			22.26	
99.00			0.678	
100.00			0.738	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			30.53	
102.00			18.79	
103.00			21.19	
104.00			3.272	
105.00			21.25	
106.00			10.03	
107.00			1.282	
108.00			0.541	
109.00			1.822	
110.00			1.16	
111.00			25.15	
112.00			21.94	
113.00			0.328	
114.00			0.512	
115.00			21.52	
116.00			39.69	
117.00			21.74	
118.00			24.18	
119.00			24.71	
120.00			29.13	
121.00			27.17	
122.00			23.45	
123.00			20.33	
124.00			3.594	
125.00			0.432	
126.00			5.136	
127.00			10.73	
128.00			2.483	
129.00			1.181	
130.00			22.17	
131.00			0.424	
132.00			20.2	
133.00			9.881	
134.00			13.46	
135.00			27.42	
136.00			0.381	
137.00			0.47	
138.00			0.51	
139.00			0.135	
140.00			0.094	
141.00			0.022	
142.00			0.206	
143.00			0.197	
144.00			0.261	
145.00			3.492	
146.00			0.353	
147.00			5.708	
148.00			0.392	
149.00			10.47	
150.00			19.75	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			23.68	
152.00			24.96	
153.00			20.03	
154.00			21.43	
155.00			0.614	
156.00			13.42	
157.00			26.99	
158.00			24.38	
159.00			8.168	
160.00			29.4	
161.00			25.45	
162.00			20.29	
163.00			9.172	
164.00			5.11	
165.00			0.339	
166.00			0.173	
167.00			0.294	
168.00			0.234	
169.00			0.307	
170.00			0.242	
171.00			0.436	
172.00			0.274	
173.00			0.356	
174.00			0.247	
175.00			0.129	
176.00			0.287	
177.00			1.806	
178.00			0.167	
179.00			0.552	
180.00			5.749	
181.00			0.69	
182.00			1.422	
183.00			0.578	
184.00			14.57	
185.00			30.12	
186.00			28.22	
187.00			1.058	
188.00			34.5	
189.00			25.28	
190.00			0.457	
191.00			14.83	
192.00			1.316	
193.00			0.99	
194.00			0.25	
195.00			0.129	
196.00			0.225	
197.00			0.216	
198.00			0.199	
199.00			0.228	
200.00			0.207	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.281	
202.00			0.225	
203.00			0.1833	
204.00			0.205	
205.00			0.318	
206.00			0.278	
207.00			0.264	
208.00			0.305	
209.00			0.228	
210.00			0.252	
211.00			0.466	
212.00			0.288	
213.00			0.418	
214.00			0.26	
215.00			0.256	
216.00			0.321	
217.00			0.377	
218.00			0.502	
219.00			0.283	
220.00			0.342	
221.00			0.305	
222.00			0.46	
223.00			0.346	
224.00			0.272	
225.00			0.365	
226.00			0.233	
227.00			2.67	
228.00			0.245	
229.00			4.71	
230.00			0.148	
231.00			1.53	
232.00			1.85	
233.00			1.52	
234.00			1.37	
235.00			0.125	
236.00			0.192	
237.00			0.039	
238.00			0.264	
239.00			0.422	
240.00			0.34	
241.00			0.82	
242.00			1.071	
243.00			0.313	
244.00			0.376	
245.00			2.808	
246.00			12.13	
247.00			18.23	
248.00			15.09	
249.00			2.537	
250.00			0.421	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.751	
252.00			0.402	
253.00			0.306	
254.00			0.406	
255.00			0.391	
256.00			1.699	
257.00			3.212	
258.00			37.46	
259.00			23.68	
260.00			12.37	
261.00			0.784	
262.00			1.825	
263.00			0.244	
264.00			0.169	
265.00			2.402	
266.00			0.201	
267.00			0.303	
268.00			0.23	
269.00			0.223	
270.00			0.26	
271.00			0.378	
272.00			0.314	
273.00			0.705	
274.00			5.323	
275.00			10.99	
276.00			29.84	
277.00			25.18	
278.00			0.67	
279.00			15.6	
280.00			10.76	
281.00			0.472	
282.00			35.07	
283.00			16.73	
284.00			0.246	
285.00			0.637	
286.00			19.6	
287.00			26.27	
288.00			23.5	
289.00			14.98	
290.00			5.157	
291.00			10.65	
292.00			0.282	
293.00			0.416	
294.00			9.719	
295.00			7.543	
296.00			2.164	
297.00			10.69	
298.00			70.62	
299.00			4.879	
300.00			32.03	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			30.32	
302.00			26.81	
303.00			1.784	
304.00			0.253	
305.00			0.17	
306.00			0.164	
307.00			0.289	
308.00			11.63	
309.00			12.55	
310.00			26.07	
311.00			26.05	
312.00			26.74	
EOH				

BOX LOG

HOLE: KL-11-17

BOX	FROM (m)	TO (m)
1	0.75	5.82
2	5.82	9.77
3	9.77	13.70
4	13.70	17.95
5	17.95	21.98
6	21.98	26.08
7	26.08	30.28
8	30.28	34.50
9	34.50	38.40
10	38.40	42.53
11	42.53	46.58
12	46.58	50.30
13	50.30	54.34
14	54.34	58.42
15	58.42	62.36
16	62.36	66.59
17	66.59	70.29
18	70.29	73.86
19	73.86	77.59
20	77.59	81.04
21	81.04	85.35
22	85.35	89.12
23	89.12	93.08
24	93.08	96.57
25	96.57	100.33
26	100.33	104.43
27	104.43	108.61
28	108.61	112.49
29	112.49	116.71
30	116.71	120.92
31	120.92	125.01
32	125.01	128.59
33	128.59	132.58
34	132.58	135.86
35	135.86	140.12
36	140.12	144.28
37	144.28	148.13
38	148.13	152.61
39	152.61	156.64
40	156.64	160.61
41	160.61	165.01
42	165.01	169.16
43	169.16	173.00
44	173.00	176.78
45	176.78	180.74
46	180.74	184.88
47	184.88	188.93
48	188.93	193.15
49	193.15	197.10
50	197.10	201.16
51	201.16	204.84
52	204.84	208.70
53	208.70	211.64
54	211.64	215.95
55	215.95	219.62
56	219.62	224.05
57	224.05	228.24
58	228.24	232.53
59	232.53	236.52
60	236.52	241.09
61	241.09	245.48
62	245.48	249.78
63	249.78	254.30
64	254.30	258.65
65	258.65	262.86
66	262.86	267.00
67	267.00	271.10
68	271.10	275.29
69	275.29	279.34
70	279.34	283.61
71	283.61	287.64
72	287.64	291.91
73	291.91	296.08
74	296.08	300.38
75	300.38	304.57
76	304.57	308.84
77	308.84	312.73
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382778.74	6890290.5	1361.914	230.73

ZONE:

SECTION:

HOLE: KL-11-18

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ

Casing depth: 4.57 (m) in / out

Drilling dates: June 17 - 20, 2011

Geology logged by: Derek Walsh

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	139.29	35.4	-49.4	Ranger
47.85	33.2	-50.6	Ranger	169.77	35.6	-48.9	Ranger
78.33	33.8	-50.2	Ranger	200.25	36.8	-48.2	Ranger
108.81	35.1	-50.1	Ranger	230	39.4	-47.4	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57		Casing
4.57	69.47	64.90	GRD	Primarily Phyllic and Clay Altered Granodiorite
69.47	118.22	48.75	GRD	Strongly Phyllic Altered Granodiorite with a abundanc
				of sulphides and sulphide veins.
74.68	75.02	0.34		Sillica and Sericitic Alteration with disseminated
				tourmaline and pyrite.
75.20	75.41	0.21	POR	Black Quartz Feldspar Porphyry Dyke
99.03	99.19	0.16	BXA	Black Breccia
122.32	122.82	0.50	POR	Purple Quartz Feldspar Porphyry Dyke
118.22	131.22	13.00	POR	Tan Quartz Feldspar Porphyry Dyke with chlorite
				phenocrysts.
131.22	141.43	10.21	GRD	Phyllic and Clay Altered Granodiorite
139.98	157.8	5.11	POR	Tan/Brown Quartz Feldspar Porphyry Dyke with black
				breccia throughout the interval.
157.8	230.73	72.93	GRD	Primarily Phyllic and Clay Altered Granodiorite with
				patches of sillica alteration. Sulphide and quartz/carb
				throughout the interval.

SAMPLES

Numbers: K271777-K271884

Total: 108

Batch: DDH-18 B1 - B3

Date Sent: B1 (07-09); B2 (07-17); B3 (07-15)

Certificate:

COMMENTS

EOH @230.73

GEOLOGY LOG

HOLE: KL-11-18

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.57	4.57				GRD	GYBL					f															Casing
4.57	11.75	7.18				GRD	GYBL					ms	lim	ms													Unaltered Grey Blue Granodiorite. Limonite staining on fracture surface and sporatically on core surface.
			9.02	9.11	0.09	GRD	GYBL					ms	lim	ms	VT	80	0.1-1	5									Unaltered Grey Blue Granodiorite. White quartz veinlets 0.1-1cmthick, oriented at ~80˚ tca. Limonite staining on fracture surfaces.
11.75	13.42	1.67				GRD	ORBN		m	s		i	lim	i	VT	20	0	1									Intensly Oxidized Clay and Phyllica Altered Granodiorite. White quartz vinlets oriented at ~20˚ and ~60˚ tca. Surface of the core is almost completly stained orange brown.
															VT	60	0	2									
			12.40	12.48	0.08	GRD	LYGN		s	m		w	lim	w	VN	90	1	1		m							Phyllic and Clay Altered Granodiorite with an abundance of fo dark grey sulphide veinlets and vein. Moderat amounts of dissminated pyrite with heavier concentrations around veinlets.
															VT	70	0	5									
			12.95	12.97	0.02	VEN	WH								VN	55	2	1									Whit quartz vin orinted ~55˚ tca.
13.42	42.90	29.48				GRD	GYBL						lim	ms													Unaltered Grey Blue Granodiorite. Limonite staining on fracture surface and sporatically on core surface.
			17.86	18.18	0.32	GRD	WHGN		f	m																	Phyllic and Clay Altered Granodiorite
			18.96	18.98	0.02	BXA	WHBK								VN	90	2	1		m			w				Breccia. Quartz intruded sulphide vein zone breaking part of it up forming dark grey clasts in a white quartz matrix. Small amounts of disseminated pyrite and galena in the dark grey clasts.
			18.98	19.02	0.04	VEN	DKGY								VN	90	4	1		s	m	ms	ms				Dark Grey Sulphide Vein
			22.85	23.22	0.37	GRD	ORGN		m	s		i	lim	i													Intensly Oxidized Phyllic and Clay Altered Orange Green Granodiorite. Fractures and surface of core have intens limonite staining.
			23.97	24.06	0.09	GRD	ORGN		ms						ST	80		2									Phyllic Altered Green Orange Grandodiorite. White quartz stringrs oriented at ~80˚ tca.
			24.27	24.83	0.56	GRD	ORGN		m	m		s	lim	s	VT	60	0	3		f							Moderatly Phyllic and Clay Altered, Strongly Oxidized Green Orange Granodiorite. White quartz and dark grey sulphide veinlets. Fair amounts of disseminated pyrite in and around veinlets.
			25.15	25.16	0.01	VEN	LTOR								VN	70	1	1									White Quartz Vein stained light orange.
			27.90	28.64	0.74	GRD	GYGN		m				lim	m													Phyllic and Clay Altered Grey Green Granodiorite. Moderate limonite staining along fractures.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			30.44	30.84	0.40	GRD	GYOR		w	w-s					VT	80	0	4										Clay and Phyllic Altered Grey Orange Granodiorite. The last 9 cm of teh interval are strongly clay altered. White quartz veinlets ar orient ~80˚ tca.
			32.74	32.81	0.07	VEN	TNBK		s						VN	75	3	1		m	f	m	m					Tan/Grey Quartz/Carbonate and Dark Grey/Black Sulphide Vein, in Phyllic altered Granodiorite.
			35.10	35.84	0.74	GRD	WHGY			ms																		Clay Altered Whiet Grey Granodiorite
			37.29	38.55	1.26	GRD	ORBN					i	lim	i														Heavily Oxidized, Clay altered orange Brown Granodiorite. Rock is broken up and crumbly.
			38.76	39.17	0.41	GRD	GNGY		s	s																		Phyllic and Clay altered Green Grey Granodiorite. Phyllic Alterationm is in the center of the interval around the vein and clay alteration is at the top and the bottom of the interval
			38.98	39.03	0.05	VEN	WHTN								VN	50	5	1										White Quartz and Tan Chalcedony Vein. Chalcedony has banded texture. Trace amounts of disseminated pyrite occure in and around a few dark grey stringers throughout the vein.
															ST	50		3									
			40.04	40.30	0.26	GRD	GNGY		ms	ms		m	lim	m	VN	60	1	1		t								Phyllic and Clay Altered Greeb Grey Granodiorite. Trace amounts of disseminated pyrite is strongly phyllic altered areas. Vein and Veinlets are white/grey quartz.
															VT	60	0	2									
42.90	53.28	10.38				GRD	GYPU					m	lim	m														Grey Purple Granodiorite. Granodiorite is slightly lighter then seen preiously due to and increase in quartz content. The purple I from heamatite staining.
			44.53	44.54	0.00	VEN									VT	80	1	1									White quartz veinlet.
			45.81	46.17	0.36	GRD	GNGY		m	w					VN	60	2	1									Phyllic and Clay altered Green Grey Granodiorite.White quartz vein and veinlets are present.
															VT	70	0	2									
			51.48	51.49	0.01	VEN	GYTN								VT	80	0	4									Grey and Tan Quartz Vein
53.28	58.26	4.98				GRD	GYPU																				Medium Grey Purple Granodiorite. Darker then interval 42.90-53.28.
			53.94	54.31	0.37	GRD	GN								VN	70	3	1									Phyllic and Clay Altered Granodiorite. White Grey and Tan quartz vein.
			57.13	57.32	0.19	GRD	GN		ms	ms					VT	65	1	1									Phyllic and Clay Altered Granodiorite. Grey quartz veinlet.
58.26	60.77	2.51				GRD	GN		s	s		f			VT	85	0	2									Strongly Phyllic and Clay altered Green Granodrioite. Grey quartz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			58.61	59.00	0.39	GRD	GN		s	s					VT	85	0	8		m								Abundant veinlet zone in Phyllic and Clay altered Granodiorite. First half of interval is more heavily clay altered. Dark grey sulphide veinlets are abundant throughout the interval. Moderate amounts of disseminated pyrite in and around veinlets.
			60.35	60.51	0.16	VEN?	DKGY	VU			s	m								m								Sillicified Dark Grey mafic rocks with weak amounts of disseminated pyrite. Grey vein runs through the middle with breccia texture containing moderate amounts of disseminated pyrite. The interval contains and abundance of small vugs.
60.77	71.57	10.80				GRD	GYPU																					Same as interval 53.28-58.26
			61.40	61.75	0.35	GRD	GNYW		m	m			pro	m	VT	75	0	3										Phyllic, Propyllitic and Clay Altered Granodiorite. Tan and white quartz veinlets.
			64.44	64.76	0.32	GRD	YWGN								VT	75	0	3										Phyllic, Propyllitic and Clay Altered Yellow Green Granodiorite. Tan and white quartz veinlets.
			68.69	68.71	0.02	VEN	TN								VN	70	1	1										Tan uartz Vein with partial breccia texture
			69.34	69.47	0.13	GRD	GN		m																			Phyllic Altered Granodiorite with trace amounts of disseminated pyrite.
71.57	77.45	5.88				GRD	GNYW		s	f-s					ST	80		1-2		t-w								Phyllic and Clasy Altered Green yellow Granodiorite. Clay alteration is strongest for the first 30 cm of the interval. Phyllic alteration then becomes more dominanat for the rest of the interval with a few small patches of clay alteration throught. Areas in and aorund stringers contain high amounts of disseminated pyrite.
			72.48	73.12	0.64	GRD	GN		s	w					ST	80		12		ms								Phyllic altered Green Granodiorite. It contains an abundance of white quartz and dark grey sulphide stringers and white quartz stringers.
			72.52	72.68	0.16	VEN	BKTN	BX							VN	55	7	1		ms	m	m	m					Dark Grey/Black Sulphide vein intruded by tan quartz, breaking it up forming a brecciated texture. Tan breccia veins and dark grey sulphide veins are layered ontop of each other giving it a banded appearence. Dark grey clasts and sulphide veins contain pyrite, galena, arsenopyrite and sphalerite. Top and bottom of vein are capped by strongly clay altered granodiorite.
			72.98	73.02	0.04	BXA	GNTN		s											ms								Green and Tan Breccia. Tan quartz intruded green phyllic altered granodiorite forming a breccia texture. There is moderate strong pyrite mineralization.
			73.07	73.08	0.01	VEN	BKMT								VN	80	1	1		s	f	ms						Dark Grey Sulphide Rich Vein
			73.53	73.56	0.03	VEN	BKWT	VU			ms																	Black Silicified Vein with a white chalcedony vein that contains a vugg.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			74.68	75.02	0.34	GRD	BKGN				i		ser	i						40								Intense Sillica and Sericitic Altered Granodiorite. Grey silicified granodiorite is ~50% black disseminated tourmaline. The shinny grey green portions are the phyllic alteration. Both Alterations contain ~40% massive pyrite blebs.
			74.68	75.02	0.34	GRD	BKGN				i		ser	i						40								Intense Sillica and Sericitic Altered Granodiorite. Grey silicified granodiorite is ~50% black disseminated toiurmaline. The shinny grey green portions ar ethe phyllic alteration. Both alterations contain ~40% pyrtite blebs.
			75.16	75.20	0.04	GRD	MTGN		s		s									30				ms				Sillica and Phyllic altered Granodiorite with massive pyrite blebs and small galena blebs.
			75.20	75.41	0.21	POR	GYBK			i																		Black Quartz Feldspar Porphyry Dyke. $cm of extremely clay altered dyl ein the center of the interval.
			76.04	76.07	0.03	GRD	GYGN				i									s								Band of intense sillica alteration containing strong amounts of disseminated pyrite and pyrite blebs.
			76.35	76.39	0.04	GRD	GY	VU			i									50			w					Silicified Grey Granodiorite with ~50% pyrite mineralization. Vuggs contain quartz and pyrite crystals.
			77.02	77.03	0.01	VEN	BKMT						ser	w	VT	70	1	1		60			40					Vienlet of pyrite and sphalerite blebs. Weak amounts of sericite alteration around vein.
			77.12	77.15	0.03	GRD	GNBK		s		s				VN	70	1	1		i								Phyllic and Sillica altered Granodiorite with a dark grey quartz vein running through the center of the interval. Intense amounts of pyrite blebs in and around vein.
77.45	92.03	14.58				GRD	GNGY				ms		pro	m	ST	50		3										Sillica and Propylitic Altered Green Grey Graniodiorite with black stringers oriented ~50° tca.
			79.21	79.73	0.52	GRD	GNGY		m	s																		Clay and Phyllic Altered Green Yellow Granodiorite.
			79.38	79.40	0.02	GRD	WTGN			s					VT													Clay altered Granodiorite, Tan quartz carbonate veinlet with intense amounts of pyrite in and around it.
			79.54	79.55	0.01	VEN	MT													80			20					Metallic Pyrite and Sphalerite Vein.
			80.41	81.18	0.77	GRD	GNYW		s	s																		Same as interval 79.21-79.73 but with slightly stronger phyllic alteration.
			80.88	80.95	0.07	GRD	GYGN		m	i										m								Clay and Phyllic altered Granodiorite. Clay alteration has severely weakend the core.
			80.95	80.96	0.01	VEN	MT													80			20					Metallic Pyrite and Sphalerite Vein.
			81.72	82.35	0.63	GRD	GN		s	s																		Phyllic Altered Green Granodiorite with two bands of strong clay alteration in the center of the interval.
			88.45	88.95	0.50	GRD	GNYW			s																		Phyllic altered Green Yellow Granodiorite
			88.61	88.65	0.04	GRD	GY				i									50								Intensly Silicified Granodiorite with a string of pyrite blebs running through it.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			88.70	88.75	0.05	VEN	GYTN								VT	80	0	7									Veinlet Zone. Tan and grey quartz, white calcite and dark grey veinlets.
			91.08	91.10	0.02	VEN	WTMT								VN	50	1	1		35							White Quartz Vein which is maden up of about 30% pyrite blebs.
			91.81	91.83	0.02	VEN	LTGN								VN	65	2	1									Light Green carbonate vein bounded on either side by two white quartz veinlets.
															VT	65	0	2									
92.03	96.16	4.13				GRD	LTGY				m		pro	m													Same as interval 77.45-92.03m but slightly lighter in color.
			95.02	95.03	0.01	VEN	DKGY								ST	65		1		m							Dark Grey Sulphide Stringer.
			95.10	95.11	0.01	VEN	WH								VN	65	0	1									White Calcite Vein
96.16	116.92	20.76				GRD	GNGY				m		pro	m													Same as interval 77.45-92.03m.
			98.70	99.03	0.33	GRD	GNGY		m				pro	m	VT	70	0	2									Phyllic and Propyllitic altered Green Granodiorite
			99.03	99.19	0.16	BXA	BKTN													t							Dark Grey Breccia with Clay altered tan clasts. Trace pyrite mineralization.
			99.19	99.32	0.13	GRD	GNGY		m	m																	Clay and Phyllic Altered Granodiorite.
			103.71	103.74	0.03	VEN	WHGY								w					m							White and Grey Quartz vein. Moderate amounts of pyrite blebs and dissemminated pyrite throughout. Two patches pf ~90% massive tourmaline occure on either side of teh vein containing disseminated pyrite.
			107.53	107.68	0.15	POR	BK								VT	70	0	2		s							Black Quartz Feldspar Porphyry Dyke. White quartz veinlet and grey quartz pyrite veinlet.
			108.86	108.90	0.04	BXA	BKWH													m							Black and White Breccia with moderate amounts of disseminated pyrite. Contains a sulphide veinlet which is made up of 90% pyrite and weak amounts of sphalerite.
															VT	80	0	1		90		w					
			110.81	114.77	3.96	GRD	GNGY						pro	m													Heavily broken Up Grey Green Granodiorite Rubble. Broken nature of the rock was probably caused by a fault zone.
			113.04	113.16	0.12	GRD	GNOR								VN	70	2	1									Phyllic Altered Green Orange Granodiorite with a tan chalcedony vein.
			114.41	114.42	0.01	VEN	TNBK								VT	65	1	1		t		s	ms				Tan Quartz Sulphide Vein
			114.86	114.88	0.02	APL	PUBN								VN	70	2	1									Purple Brown Aplite Vein
116.92	118.22	1.30				GRD	GN		s	s			pro	s													Phyllic, Clayt and Propyllitic Altered Granodiorite
118.22	131.22	13.00				POR	TN																				Tan Quartz Feldspar Porphyry Dyke. Blue green chlorite phenocrysts are scattered throughout the interval. Areas of teh dyke have been altered from tan to purple in color.
			118.22	118.32	0.10	POR	GYGN			m																	Moderatly Clay Altered Quartz Feldspar Porphyry Dyke
			118.35	118.37	0.02	VEN	DKGY								VN	65	2	1									Dark Grey Smokey Quartz Veir
			122.32	122.82	0.50	POR	PU																				Purple Quartz Feldspar Porphyry Dyke

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			123.82	124.32	0.50	POR	GYTN			m																	Clay Altered Quartz Feldspar Porphyry Dyke. Surface is heavily fractured.
			125.91	125.96	0.05	BXA	DKGY			s																	Clay Altered Dark Grey Breccia
131.22	139.98	8.76				GRD	GN		s	s			pro	s	ST	45		1		w							Phyllic and Clay Altered Granodiorite with ares of strong propyllitic alteration throughout the interval. Contains dark grey sulphide stringers.
															ST	75		1		w							
			131.36	131.43	0.07	VEN	MT													w	s	i	70				Sulphide Vein. Primarily massive galena, with large amounts of hioney brown and blackjack sphalerite.
			131.43	131.60	0.17	BXA	TNGY			m										f-m	w	w					Clay Altered Tan Grey Breccia with disseminated sulphides throughout interval.
			132.38	132.43	0.05	BXA	BK													t	t		t				Black Breccia. Black matrix ciontains trace amounts of sulphide mineralization.
			132.77	132.87	0.10	BXA	BK													ms	ms		w				Black Sulphide Breccia
			133.03	133.75	0.72	VEN	WTNT								VN	70	12	1		25	i	i	25				Quartz Sulphide Vein. Massive sukohides intermixed with quartz.
			133.85	133.92	0.07	BXA	BK													w							Black Breccia with weak amounts of disseminated pyrite.
			135.09	135.13	0.04	BXA	BK													w	w						Black breccia with weak amounts of disseminated pyrite and aresenopyrite.
			135.13	135.20	0.07	GRD	GYMT													30	ms	sp	m				Clay Altered Granodiorite with large pyrite blebs
			135.96	136.02	0.06	BXA	BX			s										w							Strongy Clay Altered Black Breccia
			138.09	138.15	0.06	VEN	MTGY								VN	80	6	1		s	ms	30	i				Massive Sulphide Quartz Vein. Quartz intrusion has formed a smallbreccia in the center of the interval.
			139.50	139.98	0.48	BXA	BK													w							Black Breccia with weak amounts of disseminated pyrite.
139.98	145.09	5.11				POR	TNBN																				Tan/Brown Quartz Feldspar Porphyry Dyke
			140.01	140.78	0.77	GRD	GYGN			i																	Intensly Clay Altered Granodioirte. Rock is soft and indentations can be made with finger.
			140.78	140.95	0.17	BXA	BK			f										m							Clay Altered Black Breccia. Contains moderate pyrite dissemination.
			141.07	141.11	0.04	BXA	BK													t							Black Breccia with trace amounts of disseminated pyrite.
			141.37	141.44	0.07	BXA	BK			f										t							Clay Altered Black Breccia. Contains trace pyrite dissemination.
			142.30	143.92	1.62	POR	DKBN																				Dark Brown Altered Quartz Feldspar Porphyry Dyke
145.09	147.46	2.37				GRD	GNOR			m					ST	70		8		w							Clay Altered Green Orange Granodiorite
			145.25	145.42	0.17	BXA	DKGY													w			t				Dark Grey Sulphide Breccia with Orange calsts
			145.51	145.55	0.04	BXA	GYOR													t							Grey Orange Breccia
			147.14	147.46	0.32	GRD	GYBN			s																	Stronlgy Clay Altered Granodiorite.
147.46	157.80	10.34				POR	TN																				Tan Quartz Feldspar Porphyry Dyke

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			154.25	154.66	0.41	BXA	BKOR													m-s	w-m						Black Orange Sulphide Breccia
			154.66	154.93	0.27	GRD	GYGN		m											m-s							Phyllic Altered Grey Green Greccia. Moderate to strong amounts of disseminated pyrite throiughout the interval.
157.80	162.12	4.32				GRD	GYGN		s	w-s					ST	55		8-10		m-i							Phyllic and Clay Altered Grey Green Granodiorite.
															VT	55	0	3									
			158.62	158.91	0.29	GRD	GY			i																	Intensly Clay Altered Granodiorite. Indentations can be made with finger.
			158.94	158.98	0.04	VEN	MT								VN	50	4	1		97							Massive Pyrite Vein
			159.14	159.22	0.08	GRD	GYGN		s											i							Phyllic Altered Granodiorite with increases pyrite disseminattion.
			161.68	161.72	0.04	VEN	GY								VN	55	2	1		w							Grey Quartz Vein with dark grey sulphide stringers.
			161.93	162.12	0.19	BXA	DKGY													m-i	w		w				Dark Grey Sulphide Breccia. Intense amount of pyrite blebs near the end of the interval.
																											Tan/green Quartz feldspar Porphyry Dyke. High abundance of white/orange chalcedony stringers, veinlets and veins
162.12	169.92	7.80				POR	TNGN								ST	55		12									
															VT	80	0	6									
															VN	70	1-6	2									
			167.07	167.75	0.68	GRD	GYYW		s	m										m							Phyllic and Clay Altered Green Grey Granodiorite. Moderate Pyrite dissemination throughout the interval.
			167.12	167.26	0.14	BXA	BK													s	w		w				Black Sulphide Breccia
			167.81	167.87	0.06	BXA	DKGY																				Dark Grey Breccia. No visible sulphide mineralization.
169.92	175.87	5.95				GRD	GNGY		s	ms					ST	45		9		f-s							Phyllic and Clay Altered Granodiorite. Abuntant pyrite mineralization throughout the interval. Controls a large quantitiy of dark grey sulphide stringers.
			170.45	170.98	0.53	BXA	DKGY													s	s		w				Dark Grey Sulphide Breccia. Cointains large blebs of pyrite and arsenopyrite.
175.87	200.48	24.61				GRD	GYGN				f									w							Fairly Silica Altered Grey Green Granodiorite with weak pyrite mineralization.
			177.22	177.89	0.67	GRD	WHBN			s										w-f							Strongly Clay Altered White and Brown Granodiorite
			178.03	178.24	0.21	GRD	GYGN		ms	ms										w							Phyllic and Clay Altered Grey green Granodiorite.
			178.62	178.63	0.01	VEN	GY								VN	70	0	1		w							Dark Grey and Medium Grey Quartz Vein wioth weakamounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			179.00	180.29	1.29	GRD	YWGN		ms	ms					ST	65		4		t							Phyllic and Clay Altered Yellow Green Granodiorite. Dark Grey stringers are oriented ~65° tca.
			179.97	179.98	0.01	VEN	WH																				White Chalcedony vein.
			180.00	180.18	0.18	VEN	TN								VT	70	0	1		m							Tan Quartz Veinlet with moderate amounts of pyrite.
			181.33	182.28	0.95	GRD	LTGY			s																	Light Grey Green Strongly Clay AlteredGgranodiorite
			181.83	181.87	0.04	VEN	GY				s									w							Dark Grey, Grey, green and Tan Quartz Vein with small amounts of pyrite scattered throughout the interval.
			182.72	183.18	0.46	GRD	WHGN		ms	ms										f-m							Phyllic and Clay Altered green Grey Granodiorite. Fair to moderate amounts of pyrite surrounding the veinin the center of the interval.
			183.01	183.03	0.02	VEN	DKGY													m	w	m					Grey Quartz and Dark grey Sulphide Vein.
			186.21	186.64	0.43	GRD	TWGN		m	m	s																Silicified Phyllic and Clay Altered Yellow Green Granodiorite
			186.46	186.53	0.07	VEN	MT								VN	55	7	1		40	s	s	ms				Sulphide Rich Vein 1cm Chalcedony band at the start of the interval.
			188.22	189.30	1.08	GRD	WTGN			s	f																Fairly Silicified Clay Altered yellow Green Grey Granodiorite.
			191.10	191.84	0.74	GRD	GYYW			s																	Clay Altered Grey Green Yellow Granodiorite
			194.30	194.95	0.65	GRD	GYYW			s																	Clay Altered Grey Green Yellow Granodiorite
			194.39	194.46	0.07	VEN	WHTN								VN	70	5	1									White and Tan Quartz Chalcedony Vein Containing a few dark grey stringers with trace amounts of disseminated pyrite.
			195.67	196.88	1.21	GRD	GNOR			s					ST	80		4									Clay Altered Green Orange Grey Granodiorite
			196.88	197.18	0.30	GRD	GNGY			s			pro	s													Strongly Propylitic granodiorite with patches of strong clay alteration.
			199.01	199.17	0.16	FEL	BNGN								DK	60	14	1		w							Brown Green Felsic Dyke. The dyke contains dark grey dots,lines and stringers which contain weak amounts of disseminated pyrite.
			199.33	199.97	0.64	FEL	BNGN	BX							DK	60	1	1		w							Brown Green Felsic Dyke. The dyke contains dark grey dots,lines and stringers which contain weak amounts of disseminated pyrite.
															VN	70	1	2		ms							Tan Chalcedony veins in the first third of theinterval, which have a string of pyrite blebs in their centers. The bottom of the interval is brecciated by quartz veining
200.48	210.15	9.67				GRD	GNGY		m-s				pro	m-s													Moderate to Strongly Phyllic and propylitic altered Granodiorite. Strength of alterations vary throughout the interval.
			202.41	202.63	0.22	GRD	DKGY		i		m									w-s							Band of intense phyllic alteration that has been moderatly silicified. Contains weak to strong amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			202.63	202.72	0.09	VEN	ORG\	BX			i									f			t-w				Grey and orange Quartz Vein with breccia texture in the middle.
			202.75	204.18	1.43	GRD	GNGY		f	ms			hem	m						w-ms							Clay and Phyllic Altered Green Grey Granodioirte. Moderate amount of red/orange heamatite staining in the center of the interval. Dark Grey pyrite stringers with strong amounts of disseminated pyrite.
															ST					s							
			207.89	208.40	0.51	GRD	WHGN			s										w-s							Clay altered White Green Granodiorite
			208.59	209.41	0.82	GRD	WHGN			s										w-s							Clay altered White Green Granodiorite
			209.14	209.16	0.02	VEN	TNGY													w							Tan Grey Quartz vein with weak amounts of disseminated pyrite.
210.15	218.79	8.64				GRD	GNGY		m		m		pro	f						w-m							Moderatly silicified Phyllic and Propylitic Grey Green Granodiorite. Weak to moderate pyrite dissemination
			213.00	213.28	0.28	GRD	GNWH			s			pro	ms													Clay, Porpylitic and Potassic Altered green white Granodiorite
													pot	ms													
			213.28	214.37	1.09	GRD	GNYW		s	m					VN	75	1	2									Phyllic and Clay altered Green Yellow Granodiorite. Two carbonate veins located at the top and center of the interval.
															ST	65		1		s							Dark grey pyrite stringer.
			214.37	214.57	0.20	GRD	GNWH			s			pro	ms													Clay, Porpylitic and Potassic Altered green white Granodiorite
													pot	ms													
			215.24	215.60	0.36	GRD	GNYW		w-m	s																	Clay and Phyllic altered Green Yellow Granodiorite.
			215.60	216.27	0.67	FEL	BNGN								DK	60	67	1									Same as interval 199.01-199.17.There are patches of of the dyke at the top and bottom of the interval that have been altered to black.
			216.17	217.31	1.14	GRD	GNYW		f-m	s					VT	70	0	5		t-m							Clay and Phyllic altered Green Yellow Granodiorite. Tan carbonate veinlets sctattred throughhout teh interval.
218.79	230.73	11.94				GRD			w		w									t-m							Weakly Silicified Phyllic Altered Light Grey Green Granodiorite. Contains trace to moderate amounts of disseminated pyrite.
			219.07	219.09	0.02	VEN	WHGN		s		s				VT	75	0	3									Silicified Quartz calcite Vein Zone in Strongly Phyllic Granodiorite.
			221.20	221.30	0.10	GRD	GNYW		s				pro	f													Phyllic and Propylitic Altered yellow Green Granodiorite.
			226.04	226.42	0.38	GRD	GYGN		s		s				VN	10	1	1		100							Silicified Phyllic altered Grey Green Granodiorite. Low and grey quartz vein runs through the interval with three parallel pyrite veinlets running lengthwise through it.
															VT	10	0	3									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		
			228.31	228.32	0.01	VEN	MT								VT	60	0	1		100								100% Pyrite Veinlet
	230.73	EOH																										EOH

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-18

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.57	4.57		0		0				CASING
4.57	5.18	0.61	0.59	97	0.49	81	VS	SW		
5.18	8.23	3.05	2.90	95	0.74	24	S	SW		
8.23	11.28	3.05	2.99	98	1.50	49	S	SW		
11.28	14.33	3.05	3.26	107	1.59	52	S	SW		
14.33	17.37	3.04	2.89	95	1.19	39	M	SW		
17.37	20.42	3.05	2.88	94	0.94	31	M	SW		
20.42	23.47	3.05	3.01	99	0.86	28	M	SW		
23.47	26.52	3.05	3.05	100	0.90	30	M	SW		
26.52	29.57	3.05	3.04	100	1.42	47	M	SW		
29.57	32.61	3.04	3.06	101	0.94	31	M	SW		
32.61	35.66	3.05	3.01	99	0.24	8	S	MW		
35.66	38.71	3.05	3.05	100	0.90	30	S	HW		
38.71	41.75	3.04	3.06	101	1.10	36	S	MW		
41.75	44.81	3.06	2.59	85	0.91	30	VS	SW		
44.81	47.85	3.04	3.15	104	1.62	53	VS	SW		
47.85	50.90	3.05	2.91	95	1.93	63	VS	SW		
50.90	53.95	3.05	3.05	100	1.14	37	S	SW		
53.95	56.99	3.04	2.85	94	1.78	59	VS	SW		
56.99	60.05	3.06	3.08	101	1.41	46	S	FR		
60.05	63.09	3.04	3.05	100	1.10	36	M	FR		
63.09	66.14	3.05	3.06	100	1.55	51	M	FR		
66.14	69.19	3.05	2.83	93	1.58	52	M	FR		
69.19	72.24	3.05	3.09	101	1.88	62	M	FR		
72.24	75.29	3.05	2.78	91	1.20	39	ES	FR		
75.29	78.33	3.04	3.04	100	1.98	65	S	FR		
78.33	81.38	3.05	3.17	104	1.99	65	S	FR		
81.38	84.43	3.05	3.01	99	1.77	58	S	FR		
84.43	87.48	3.05	3.06	100	2.29	75	VS	FR		
87.48	90.53	3.05	2.84	93	1.85	61	VS	FR		
90.53	93.57	3.04	2.67	88	0.99	33	W	FR		
93.57	96.62	3.05	2.76	90	1.60	52	VS	FR		
96.62	99.67	3.05	2.91	95	1.68	55	W	FR		
99.67	102.72	3.05	2.92	96	0.93	30	M	FR		
102.72	105.77	3.05	3.06	100	1.55	51	M	FR		
105.77	108.81	3.04	2.90	95	1.26	41	W	FR		
108.81	111.86	3.05	2.45	80	1.05	34	S	FR		
111.86	114.91	3.05	2.50	82	0.12	4	W	FR		
114.91	117.96	3.05	2.70	89	1.63	53	MS	FR		
117.96	121.01	3.05	2.87	94	1.17	38	S	FR		
121.01	124.01	3.00	2.90	97	1.05	35	S	FR		
124.01	127.10	3.09	2.98	96	1.60	52	MS	FR		
127.10	130.50	3.40	3.04	89	2.10	62	S	FR		
130.50	133.20	2.70	3.09	114	1.80	67	MS	FR		
133.20	136.25	3.05	3.10	102	2.18	71	S	FR		
136.25	139.29	3.04	2.90	95	1.70	56	MS	FR		
139.29	142.34	3.05	3.11	102	1.14	37	MS	FR		
142.34	145.39	3.05	3.06	100	0.68	22	ES	FR		
145.39	148.44	3.05	3.08	101	1.26	41	S	FR		
148.44	151.49	3.05	3.09	101	0.27	9	S	FR		
151.49	154.53	3.04	3.08	101	0.14	5	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	3.02	99	0.24	8	S	FR		
157.58	160.62	3.04	3.02	99	1.70	56	MS	FR		
160.62	163.68	3.06	3.02	99	1.16	38	MS	FR		
163.68	166.73	3.05	3.06	100	0.45	15	MS	FR		
166.73	169.77	3.04	3.11	102	0.67	22	MS	FR		
169.77	172.82	3.05	2.98	98	1.45	48	S	FR		
172.82	175.87	3.05	2.92	96	1.82	60	S	FR		
175.87	178.92	3.05	3.11	102	2.28	75	S	FR		
178.92	181.97	3.05	3.06	100	2.52	83	VS	FR		
181.97	185.01	3.04	3.16	104	2.66	88	VS	FR		
185.01	188.06	3.05	2.95	97	1.98	65	W	FR		
188.06	191.11	3.05	3.11	102	2.07	68	M	FR		
191.11	194.16	3.05	3.00	98	2.02	66	M	FR		
194.16	197.21	3.05	3.07	101	2.14	70	VS	FR		
197.21	200.25	3.04	3.08	101	2.26	74	VS	FR		
200.25	203.30	3.05	3.07	101	2.59	85	M	FR		
203.30	206.35	3.05	2.89	95	1.89	62	M	FR		
206.35	209.40	3.05	3.10	102	1.17	38	VS	FR		
209.40	212.45	3.05	2.98	98	1.17	38	M	FR		
212.45	215.49	3.04	3.11	102	1.26	41	MS	FR		
215.49	218.54	3.05	3.00	98	1.47	48	S	FR		
218.54	221.59	3.05	2.96	97	1.70	56	VS	FR		
221.59	224.64	3.05	2.88	94	1.90	62	S	FR		
224.64	227.64	3.00	3.40	113	1.66	55	MS	FR		
227.64	230.73	3.09	3.00	97	2.02	65	MS	FR	EOH 230.73	

SAMPLE LOG

HOLE: KL-11-18

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
178.36	181.35	2.99	2.91	97	K271776	1					KL-11-16 #4 Last Sample EOH
0.00	3.00	3.00	1.80	60	K271777	1					
3.00	4.57	1.57	1.30	83	K271778	1					
4.57	7.00	2.43	2.20	91	K271779	1					
7.00	10.00	3.00	2.80	93	K271780	1					
					K271781	1					STANDARD CDN-ME-16
10.00	11.75	1.75	1.74	99	K271782	1					
11.75	13.42	1.67	1.77	106	K271783	1					
13.42	16.45	3.03	2.87	95	K271784	1					
16.45	19.00	2.55	2.34	92	K271785	1					rice bag ripped, sample duplicated
19.00	22.00	3.00	2.70	90	K271786	1					
					K271787	1					STANDARD CDN-ME-16
22.00	25.00	3.00	2.93	98	K271788	1					
25.00	27.96	2.96	2.47	83	K271789	1					
27.96	30.84	2.88	2.95	102	K271790	1					
30.84	33.00	2.16	2.03	94	K271791	1					
33.00	36.00	3.00	2.83	94	K271792	1					
36.00	38.55	2.55	2.35	92	K271793	1					
38.55	40.30	1.75	1.90	109	K271794	1					
40.30	42.09	1.79	1.93	108	K271795	1					
42.09	45.00	2.91	2.64	91	K271796	1					
45.00	48.00	3.00	3.14	105	K271797	1					
48.00	51.00	3.00	2.81	94	K271798	1					
					K271799	1					DUPLICATE
51.00	53.97	2.97	2.96	100	K271800	1					
53.97	56.00	2.03	1.90	94	K271801	1					
56.00	58.26	2.26	2.14	95	K271802	1					
58.26	60.77	2.51	2.62	104	K271803	1					
					K271804	1					BLANK
60.77	62.00	1.23	1.33	108	K271805	1					
62.00	65.00	3.00	2.99	100	K271806	1					
					K271807	1					BLANK
65.00	68.00	3.00	2.91	97	K271808	1					
68.00	70.00	2.00	1.96	98	K271809	1					
70.00	71.51	1.51	1.61	107	K271810	1					
71.51	72.48	0.97	0.91	94	K271811	1					
72.48	75.26	2.78	2.68	96	K271812	1					
					K271813	2					BLANK
75.26	77.45	2.19	2.26	103	K271814	2					
77.45	79.21	1.76	1.79	102	K271815	2					
79.21	81.18	1.97	2.00	102	K271816	2					
81.18	84.00	2.82	2.81	100	K271817	2					
84.00	87.00	3.00	2.97	99	K271818	2					
87.00	89.00	2.00	1.97	99	K271819	2					
89.00	92.03	3.03	3.05	101	K271820	2					
92.03	95.00	2.97	2.97	100	K271821	2					
					K271822	2					STANDARD CDN-ME-16
95.00	98.00	3.00	3.11	104	K271823	2					
98.00	99.32	1.32	1.30	98	K271824	2					
99.32	102.00	2.68	2.67	100	K271825	2					
102.00	105	3.00	2.98	99	K271826	2					
					K271827	2					DUPLICATE
105.00	108.00	3.00	3.02	101	K271828	2					
108.00	110.81	2.81	2.80	100	K271829	2					
110.81	113.00	2.19	2.10	96	K271830	2					
113.00	116.00	3.00	2.80	93	K271831	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
116.00	118.22	2.22	2.20	99	K271832	2					
118.22	121.00	2.78	2.65	95	K271833	2					
121.00	123.82	2.82	2.80	99	K271834	2					
123.82	126.00	2.18	2.15	99	K271835	2					
126.00	129.00	3.00	2.98	99	K271836	2					
					K271837	2					Standard CDN-ME-16
129.00	131.22	2.22	2.20	99	K271838	2					
131.22	134.00	2.78	2.85	103	K271839	2					
					K271840	2					Blank
134.00	136.25	2.25	2.25	100	K271841	2					
136.25	138.09	1.84	1.70	92	K271842	2					
138.09	141.11	3.02	2.98	99	K271843	2					
141.11	143.29	2.18	2.71	124	K271844	2					
143.29	145.09	1.80	1.20	67	K271845	2					
145.09	147.46	2.37	2.48	105	K271846	2					
147.46	150.00	2.54	2.44	96	K271847	2					
150.00	153.00	3.00	3.00	100	K271848	2					
153.00	154.93	1.93	1.95	101	K271849	3					
154.93	157.80	2.87	2.80	98	K271850	3					
157.80	160.62	2.82	2.85	101	K271851	3					
					K271852	3					Blank
160.62	162.12	1.50	1.54	103	K271853	3					
162.12	165.00	2.88	2.85	99	K271854	3					
165.00	167.00	2.00	2.04	102	K271855	3					
167.00	169.77	2.77	2.80	101	K271856	3					
169.77	172.77	3.00	3.00	100	K271857	3					
					K271858	3					Blank
172.77	175.87	3.10	2.91	94	K271859	3					
175.87	178.24	2.37	2.46	104	K271860	3					
178.24	181.00	2.76	2.72	99	K271861	3					
					K271862	3					Duplicate
181.00	184.00	3.00	3.01	100	K271863	3					
184.00	187.00	3.00	2.99	100	K271864	3					
187.00	188.22	1.22	1.17	96	K271865	3					
188.22	189.30	1.08	1.12	104	K271866	3					
189.30	192.00	2.70	2.77	103	K271867	3					
192.00	195.00	3.00	2.95	98	K271868	3					
					K271869	3					Standard PL-2
195.00	198.00	3.00	3.19	106	K271870	3					
198.00	199.00	1.00	1.03	103	K271871	3					
199.00	202.00	3.00	3.00	100	K271872	3					
202.00	205.00	3.00	2.98	99	K271873	3					
205.00	207.89	2.89	2.90	100	K271874	3					
207.89	210.15	2.26	2.24	99	K271875	3					
210.15	213.00	2.85	2.77	97	K271876	3					
213.00	215.30	2.30	2.67	116	K271877	3					
215.30	217.68	2.38	2.06	87	K271878	3					
217.68	220.00	2.32	2.24	97	K271879	3					
					K271880	3					Standard PL-2
220.00	223.00	3.00	2.95	98	K271881	3					
223.00	226.00	3.00	2.81	94	K271882	3					
226.00	228.32	2.32	2.74	118	K271883	3					
228.32	230.73	2.41	2.38	99	K271884	3					EOH

DENSITY LOG

Hole: **KL-11-18**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
49.52	GRD									9.678	6.338	83.56	523.8		0.27	-0.19
101.56	GRD									9.742	6.335	807.3	506.6		2.63	2.68
127.69	POR									9.298	6.337	767.6	173.5		2.62	1.29
154.1	POR									9.306	6.338	787.3	491.4		2.68	2.66
201.4	GRD									10.203	6.351	858.2	538.5		2.66	2.68

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-18

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00			20.17	
6.00			18.4	
7.00			17.59	
8.00			12.49	
9.00			2.41	
10.00			22.26	
11.00			21.67	
12.00			0.478	
13.00			0.361	
14.00			21.22	
15.00			24.45	
16.00			21.5	
17.00			26.69	
18.00			0.231	
19.00			5.028	
20.00			15.42	
21.00			17.19	
22.00			16.74	
23.00			0.412	
24.00			0.558	
25.00			6.891	
26.00			14.83	
27.00			10.81	
28.00			1.127	
29.00			0.845	
30.00			0.318	
31.00			4.839	
32.00			5.52	
33.00			0.584	
34.00			18.42	
35.00			14.94	
36.00			13.23	
37.00			10.42	
38.00			1.466	
39.00			0.431	
40.00			15.64	
41.00			14.47	
42.00			15.05	
43.00			20.65	
44.00			19.98	
45.00			22.61	
46.00			0.453	
47.00			20.19	
48.00			19.42	
49.00			23.6	
50.00			18.95	
51.00			20.82	
52.00			21.86	
53.00			17.25	
54.00			0.592	
55.00			15.25	
56.00			17.28	
57.00			10.89	
58.00			6.903	
59.00			0.564	
60.00			0.259	
61.00			5.82	
62.00			25.18	
63.00			25.66	
64.00			19.95	
65.00			17.03	
66.00			19.62	
67.00			20.44	
68.00			23.89	
69.00			15.68	
70.00			20.92	
71.00			20	
72.00			0.613	
73.00			0.313	
74.00			0.345	
75.00			0.157	
76.00			0.57	
77.00			0.497	
78.00			13.64	
79.00			5.94	
80.00			14.26	
81.00			0.494	
82.00			1.075	
83.00			13.51	
84.00			18.57	
85.00			24.89	
86.00			17.54	
87.00			18.07	
88.00			20.05	
89.00			22.89	
90.00			18.94	
91.00			20.42	
92.00			11.6	
93.00			18.32	
94.00			16.8	
95.00			26.3	
96.00			20.39	
97.00			19.11	
98.00			21.66	
99.00			0.483	
100.00			20.1	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			19.47	
102.00			25.44	
103.00			19.6	
104.00			20.54	
105.00			17.26	
106.00			21.65	
107.00			26.06	
108.00			18.73	
109.00			23.72	
110.00			23.77	
111.00			23.19	
112.00			21.41	
113.00			27.57	
114.00			9.632	
115.00			21.14	
116.00			27.58	
117.00			15.37	
118.00			0.458	
119.00			0.24	
120.00			0.245	
121.00			0.214	
122.00			0.181	
123.00			0.309	
124.00			0.207	
125.00			0.233	
126.00			0.227	
127.00			0.286	
128.00			0.29	
129.00			0.244	
130.00			0.218	
131.00			0.335	
132.00			0.279	
133.00			0.704	
134.00			0.208	
135.00			0.357	
136.00			0.456	
137.00			0.29	
138.00			0.503	
139.00			0.278	
140.00			0.29	
141.00			0.346	
142.00			0.265	
143.00			0.391	
144.00			0.236	
145.00			0.187	
146.00			0.347	
147.00			0.427	
148.00			0.482	
149.00			0.271	
150.00			0.197	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.226	
152.00			0.274	
153.00			0.295	
154.00			0.28	
155.00			0.173	
156.00			0.204	
157.00			0.225	
158.00			0.246	
159.00			0.31	
160.00			0.249	
161.00			0.627	
162.00			0.299	
163.00			0.233	
164.00			0.463	
165.00			0.302	
166.00			0.218	
167.00			0.228	
168.00			0.269	
169.00			0.188	
170.00			0.369	
171.00			0.11	
172.00			0.177	
173.00			0.299	
174.00			0.244	
175.00			0.482	
176.00			2.533	
177.00			21.43	
178.00			2.435	
179.00			13.35	
180.00			0.489	
181.00			6.937	
182.00			0.587	
183.00			6.376	
184.00			10.98	
185.00			18.73	
186.00			21.62	
187.00			1.445	
188.00			22.02	
189.00			0.713	
190.00			13.52	
191.00			4.601	
192.00			1.221	
193.00			28.48	
194.00			10.92	
195.00			0.471	
196.00			8.855	
197.00			0.408	
198.00			0.407	
199.00			0.408	
200.00			0.401	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			1.126	
202.00			0.41	
203.00			0.171	
204.00			0.153	
205.00			0.344	
206.00			0.372	
207.00			3.106	
208.00			7.108	
209.00			0.139	
210.00			2.517	
211.00			18.43	
212.00			20.53	
213.00			30.31	
214.00			0.34	
215.00			6.522	
216.00			0.368	
217.00			0.411	
218.00			12.27	
219.00			22.34	
220.00			29.45	
221.00			7.756	
222.00			27.61	
223.00			29.86	
224.00			30.31	
225.00			30.17	
226.00			42.52	
227.00			11.23	
228.00			29.06	
229.00			22.94	
230.00			27.51	EOH

BOX LOG

HOLE: KL-11-18

BOX	FROM (m)	TO (m)
1	0.00	4.80
2	4.80	8.64
3	8.64	12.53
4	12.53	16.45
5	16.45	20.33
6	20.33	23.90
7	23.90	27.57
8	27.57	31.51
9	31.51	35.25
10	35.25	38.56
11	38.56	41.75
12	41.75	45.61
13	45.61	49.30
14	49.30	53.08
15	53.08	56.92
16	56.92	60.94
17	60.94	65.18
18	65.18	69.66
19	69.66	73.66
20	73.66	77.72
21	77.72	81.80
22	81.80	85.89
23	85.89	89.88
24	89.88	93.57
25	93.57	97.77
26	97.77	101.45
27	101.45	105.15
28	105.15	108.81
29	108.81	112.51
30	112.51	115.82
31	115.82	119.72
32	119.72	123.54
33	123.54	126.84
34	126.84	130.70
35	130.70	134.39
36	134.39	138.34
37	138.34	142.34
38	142.34	146.28
39	146.28	150.08
40	150.08	154.09
41	154.09	157.82
42	157.82	162.14
43	162.14	165.83
44	165.83	169.57
45	169.57	173.75
46	173.75	178.14
47	178.14	181.97
48	181.97	186.30
49	186.30	190.52
50	190.52	194.71
51	194.71	198.48
52	198.48	202.69
53	202.69	206.78
54	206.78	210.57
55	210.57	214.33
56	214.33	218.20
57	218.20	222.19
58	222.19	226.37
59	226.37	229.97
60	229.97	230.73
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382742.91	6890241.8	1368.427	288.65

ZONE:

SECTION:

HOLE: KL-11-19

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (288.65m / EOH)

Casing depth: 4.57 (m) in / **out**

Drilling dates: June 20 - 23, 2011

Geology logged by: X. Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	166.73	37.7	-46.3	Ranger
44.81	34.7	-48	Ranger	197.21	36.3	-45.8	Ranger
75.28	35.2	-47	Ranger	258.16	37.9	-44.7	Ranger
105.76	35.6	-47	Ranger	288.64	37.8	-44.7	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.93	4.93	CAS	Casing and overburden
4.93	174.40	169.47	GRD	Relatively unaltered GRD with weak propylitic in
				sections and patches of phyllic/argillic alt. Enveloping
				grey/white Qz, white/orange Ch, and white Cb
174.40	176.28	1.88	FEL	Qtz-feldspar porphyry dyke
176.28	188.52	12.24	GRD	Strong phyllic and weak argillic alteration with frequen
				(30%) is black/grey FG netted veinlets and brxx veins
188.52	194.38	5.86	FEL	Mottled green/tan alt. FEL PO with Cb veinlets
194.38	198.95	4.57	GRD	Strong argillic-mont?- alt. Friable GRD
198.95	204.49	5.54	FEL	Mod-strong phyllic FEL PO with netted ankerite VT
204.49	205.03	0.54	BXA	Black brxx with massive Gn, and freq. Diss Py
205.03	205.78	0.75	FEL	Qtz-feldspar porphyry dyke
205.78	229	23.22	GRD	Phyllic/argillic alt. GRD with frequent Qz veins hosting
				Py, As, Sp and Gn
229	232.02	3.02	FEL	Qtz-feldspar porphyry dyke
232.02	247	14.98	GRD	Predominantly phyllic altered GRD with Qz/Cb veining
247	263	16	GRD	Relatively unaltered GRD with weak propylitic in
263	288.65	25.65	GRD	Patchy alteration around Qz/Ch veining
288.65				EOH

SAMPLES

Numbers: K272049 - K272200

Total: 152

Batch: DDH-19 B1 - B5

Date Sent: B1 (07-04), B2 (07-10), B3 (07-17), B4-5 (07-19)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-19 x

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.57					CAS																					Casing; no recovery
4.57	4.93					OVB						s															Overburden; organic rich soil with boulders of GRD with clay layers in between. Mn staining and oxidation on fractures
4.93	16.42					GRD	GRGY	MG				ms	pro	w													Weak propylitic alteration of GRD with sub intervals of phyllic envelopes
							MD																				
								DI							VT	0-90	0.3	<1	t	t							Milky white and translucent grey quartz veinlets; infrequent. 2-3 cm phyllic envelopes and trace disseminated. Py adjacent to veinlets. Oxidation in fractures and pervasive 1-5cm adjacent. Pervasive oxidation not seen after 14.10m
			8.22	9.08		GRD	GRLT	EN	m			m			VT	45	0.5	1									Phyllic envelope around a white grey quartz vein with trace disseminated. Py. Strong oxidation in 2cm envelopes around fractures.
								DI											t	t							
			11.48	12.40		GRD	GRLT	EN	m	w	ms	wm															Phyllic envelope around 4 Qz vein/veinlets
								DI							VT	5-65	0.3-1	4	t	t							
			12.99	14.26		GRD	GRLT	EN	m			wm			VT	5-50	<1	3									Phyllic envelope around 3 strong oxidized - 2 cm pervasive - veinlets, composition masked by oxidation- Qz? Trace disseminated. Py adjacent to veinlets and pervasive.
								DI											t	t							
16.42	23.74					GRD	GYMD	MG																			Unaltered GRD
			21.00	21.03		GRD	GRDK	EN	w						VT	83	0.2	1									Weak phyllic envelope enclosing a white-milky and grey/white translucent Qz veinlet with trace blebs of Py and Gn
								BL											t	t			t				
			23.45	23.60		FLT	ORLT	SH		s?		s				~45											Pervasively oxidized fault
23.74	41.21					GRD	GYGR	MG					pro	w													Weak propylitic GRD with frequent veinlets, shallow and steep, dark green/black <1mm
							MD								VT	0-90	<0.1	6									
			28.21	29.94		GRD	GRLT	EN	ms	25		ms															Phyllic envelope around vein with 25% argillic, very friable with pervasive oxidation:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			29.08	29.57		FLT?	ORGY			s																	Fault? Strong argillic altered with pervasive oxidation ~60%
							LT																				
			28.28.57	29.04		VEN	GRGY	BX	s		s	w				80-90										x	Orange/white chalcedony lattice veining with 2 cm veins hosting altered GRD angular breccia clasts <1-4cm with up to 1 cm Py blebs. <1cm orange chalcedony is enclosing a soft (2-3) colourless translucent mineral..barite? No dissemination. In HCl. Mineralization exists as blebs and disseminated Py, honey brown Sp. and arseno. Orange chalcedony could be stained from oxidation.
							OR	LAVU																			
								BLDI											f	w	t	t					
			30.63	30.64		VEN	ORWH	VN							VN	75	1.0	1									Pale orange/white chalcedony vein infilling with 0.5cm carbonate veinlet with 26cm phyllic envelope
							LT																				
			32.33	34.93		GRD	GRLT	MG	ms	wm		w															Oxidation in fractures, not pervasive, mod to strong phyllic envelope with w-m argillic alteration (pale green clays replacing feldspars)
			32.39	32.40		VEN	WH	VN							VN	88	1.0	1									White milky quartz vein
			32.84	32.85		VEN	ORWH	VN							VN	55	1.0	1									Orange/white milky quartz vein cross cutting by 1.5cm:
			34.06	34.10		VEN	ORWH	VN			m	w			VN	70	4.0	1									Orange/white milky quartz vein with breccia texture of 1-4mm angular clasts. Blebs of Py, Gn, and Sp and disseminated Py adjacent to vein and runs parallel
								BX																			
								DIBL											f	w		w	w				
41.21	53.82					GRD	GYMD	MG																			Unaltered GRD
53.82	59.82					GRD	GYGR	MG				w	pro	wm	VT	0-70	<1	1									Weak mod propylitic GRD with infrequent carbonate veinlets, shallow and steep
							DK																				
			57.60	57.61		VEN	ORWH								VN	75	1.0	1									Light orange/white chalcedony vein in filled with calcite; trace disseminated Py with a 7 cm weak phyll envelope
							LT	DI																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
59.82	80.15					GRD	GYGR	MG					pro	wm													
							DK								VT	5-75											Weak to mod prop GRD with 65-80 carbonate veinlets. Sub intervals of Qz calcite veins
			59.82	60.15		GRD	GRPK	EN	25	75		w															75/25 argillic/phyllic envelope with oxidation in fractures.
							LT																				
			60.04	60.08		VEN	WHPK	BN											t	t	t	t	t				White/pink carbonate vein with orange/white milky Qz breccia 1-3mm wide veinlet. Clasts are angular <1-3mm, Qz and GRD composition. Veinlet of 1mm blebs of Py, As, Gn and Sp
							ORLT	BX																			
			62.28	62.71		GRD	WHGR	EN	25	75		w			VT	65	<1	3									75/25 argillic/phyllic envelope with oxidation in fractures. Carbonate veinlets cross cut:
							LT																				
			62.37	62.39		VEN	WHPK	BN							VN	75	<0.5	1									Carbonate/milky Qz veir
							ORLT																				
			65.19	65.62		GRD	GRLT	EN	85	15																	Strong phyllic altered envelope around 2 veins. 20 cm for each vein. Trace disseminated Py adjacent to veins
								DI											t	t							
			65.28	65.29		VEN	WH								VN	80	1.0	1									White carbonate vein enclosed by white/grey Qz and orange/white milky Qz veinlets with trace disseminated Py, As, Sp, and Gn
								DI											t	t	t	t	t				
			65.47	65.48		VEN	PKWH	BN							VN	75	1.0	1									Pink/white banded chalcedony vein with in filled calcite. Enclosed by white/grey Qz with trace disseminated Py
							LT												t	t							
			68.79	69.81		GRD	GRLT	EN	50	50																	30 cm phyllic envelope around veins, with outer margins 10 cm argillic envelopes. Trace disseminated Py within 2-4 cm from vein
								DI											t	t							
			69.00	69.10		VEN	WHOR	BN			s				VN	5-80	10.0	1	m	w	t	m	w			x	Off white/pinkish banded chalcedony rich vein with minor in filled calcite. Banded square 0.5 Sp in filled with Py and arseno. Smokey Qz surrounds banded Sp; all within off white/pinkish chalcedony. Minor dull green/tan milky Qz breccia with clasts 0.2,,-1.5cm of altered GRD. Outer bottom veinlet is grey/white Qz

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
							GR	BX																			
			69.64	69.65		VEN	WHPK	BN							VN	70	1.0	1									Banded with pink chalcedony with in filled carbonate. Trace disseminated Py and Sp
								DI											t	t		t					
			76.02	77.34		GRD	GRLT	EN	85	15																	Strong phyll envelope around 1 vein and ~3 veinlets Veinlets are shallow and steep and mostly pyrite with smokey quartz. Two Cb veinlets in interval
								DI											t	t							
															VT	0-80	<1	3	s	s							
			76.27	76.29		VEN	BKGY				s				VN	55	2.0	1									Silic flooded dark grey Qz vein with blebs of Py, Sp, and trace Gn. Orange/white milky breccia veinlet 2 cm below vein in same orientation. Clasts are grey/white Qz with Py, Sp, and Gn blebs-replacing?
							DK	BL											ms	m		f	t				
80.15	81.08					GRD	GYWH	MG																			Relatively unaltered GRD
81.08	96.62					GRD	GRGY	MG					pro	wm	VT	0-65	<1	<1									Propylitic altered GRD with sub intervals of pot altered envelope around veins. Infrequent Cb veinlets
							DK																				
			81.55	81.84		GRD	GRPK	EN	m				pot	m													Moderate phyllic and potassic altered GRD enveloping a vein. Envelope has 2 white milky Qz veinlets
							LT								VT	5-80	<1	2									
			81.62	81.67		VEN	WHPK	BX			s				VN	90	5.0	1									White/pink banded chalcedony with strong silic altered GRD brxx clasts 1-5mm. Crosscut by Cb veinlets
							LT	BN																			
			82.95	83.25		GRD	PKGR	EN	m				pot	m	VT	10	<1	2									Orange/white milky quartz VT and Cb veinlets in a mod phyll/pot altered GRD
															VT	5-80	<1	2									Cb veinlets
			86.13	87.08		GRD	GYPK	MG	m				pot	m													Mod phyll/pot altered GRD with 1 yellow/white chalcedony veinlet with a parallel carbonate veinlet
							MD								VT	80	<1	1									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			87.64	88.30		GRD	WHPK	MG	25	70			pot?	5													Pale green/white/pink/dark green granitic text. Subinterval
							GR						pro?	5													
			88.30	89.19		GRD	GYGR	MG	m				pot	m													Mod phyll/pot altered GRD with 2 veins
							PK																				
			88.42	88.43		VEN	ORWH	BX							VN	80	1.0	1									Orange/white milky Qz breccia with clasts of alter GRD and grey/white translucent Qz
			88.91	88.92		VEN	GYWH								VN	50	1.0	1									Grey/white translucent Qz
			89.19	90.20		GRD	WHPK	MG	25	70			pro?	5													As 87.64-88.30m
							GR						pot?	5													
			89.94	89.95		VEN	RDMD	BX							VN	30	<1	1						He	l		Brick red brxx vein with 1-5mm brxx clasts of alt. GRD-hematite?
			90.01	90.02		VEN	YLWH								VN	80	<1	1						He	f		Yellow white milky Qz with red/brown hematite? Veinlet
							RD																				
			91.76	93.34		GRD	EN		s																		Strong phyllic alt GRD envelope a vein
			93.11	93.21		VEN	BKTN	NT							VN	65	10.0	1	ms	w		m	t				Dark black grey vein with off white milky and white/grey translucent Qz veins in a minor net texture
								BL																			
			93.21	93.70		GRD	WHGR	MG	ms																		Mod/strong argillic alt GRD
							LT																				
			94.23	95.23		GRD	WHGR	EN	50	50																	50/50 strong phyllic./mod strong argillic alteration of GRD. Phyllic envelopes exist 94.51-95.03 around 2 veins:
							LT	MG																			
			94.72	94.74		VEN	PKWH	BN							VN	75	2.0	1	t	t							White/pink banded chalcedony vein with white carbonate veinlets partially enveloping vein
							LT																				
			94.94	94.95		VEN	PKWH								VN	60	1.0	1	t	t				To?	t		White/pink chalcedony vein with acicular elongated dark green/black mineral-To? Being replaced by Py
							LT																				
			95.92	96.62		GRD	GRLT	MG	s		m																Qz flooded, strong phyllic alt GRD (contact. Altered from FEL PO dyke intrusion)

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								VU							VT	0-90	<1	2									Vuggy netted grey/white Qz veinlet at 96.62m
								NT																			
96.62	96.93					FEL	GRTN	PO	ms				pot	ms	DK	90											Green tan mottled, phyllic and potassic altered FEL PO, sharp contact
								MO																			
96.93	116.38					GRD	GRGY	MG					pro	wm													Weak to mod prop alt with veins enveloped by phyllic and argillic alteration
							DK																				
			98.00	98.86		GRD	GYLT	EN	s						VT	5-85	<1	4	t	t							Phyllic envelope around off white and orange/white chalcedony veinlets.
			98.86	99.33		GRD	GRWH	MG																			Green/white/pink argillic envelope
							PK																				
			102.99	105.47		GRD	GRWH	EN	15	85					VT	5-65	<1	12									Light pistachio green/white phyllic envelope around a vein: frequent off white/orange/white chalcedony veinlets
							LT																				
			103.72	103.88		VEN	BKGY				m				VN	88			f			w					Dark grey/black aphanitic vein with orange/white chalcedony with blebs of sphalerite in the chalcedony. Vuggy Qz veinlet crosscuts vein @ 55° and off sets ~1.5cm. Vein is in filled by Qz. disseminated Py and As
							DK	VU							VT	45											
								DI												w	t						
			111.31	112.06		GRD	GRLT	EN	s																		Strong phyll envelope around vein
			111.75	111.82		VEN	WHBR	BL							VN	60			m	m		t	w				Yellow/pinkish/white chalcedony 2 cm vein enveloped by pyrite veinlets with blebs of Sp, minor veinlets of Gn. Grey/white translucent Qz in chalcedony veins.
			116.19	116.38		GRD	GRLT	MG	ms																		Mod/strong phyllic altered GRD
116.38	117.17					GRD	GYGR	FG	s?															To	t		GRD? With disseminated tourmaline
			116.59	117.17		GRD	BKGR	SU											60	20				To	25		Sucrosic grey/white Qz, black To and white/silver clear mica with crystalline and disseminated blebs of Py.
							BN	XL																Se	15		
								DI																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
117.17						GRD	GRGY	MG					pro	w													Weak propylitic envelopes with phyllic alt enveloping veins
							MD																				
			117.17	118.30		GRD	GYLT	EN	ms																		Mod strong phyllic envelope around veinlets. Orange/white chalcedony veinlets, some vuggy. 1 Sp/Py veinlet with chalcedony @90°
								DI											t	t		t		To	t		
								VU																			
			118.91	119.04		GRD	GRLT	EN	ms																		Mod/strong phyll envelop around
			119.00	119.01		VEN	WH								VN	90	<1	1									White chalcedony veinlet
			120.27	120.80		GRD	GRPK	MG	50	50									t	t							50/50 Argillic/phyllic moderately alt. GRD with trace disseminated Py
							MDLT	EN																			
			120.57	120.69		VEN	BRGR	VU			s								s	ms	w	f	t				Strong silic flooded vein with grey/white translucent Qz, orange/white chalcedony, white/pink vuggy chalcedony, smokey Qz, and Py veinlets. disseminated and blebs of Py, As, Sp and Gn. Minor brxx in grey and orange/white chalcedony
							BK	BX																			
								BL																			
			124.32	124.33		VEN	WH								VN	88	1.0	1	w	w							White Qz/Cb vein with disseminated. And blebs of Py with a 10 cm weak phyllic envelope
								DI																			
								BL																			
			130.39	131.88		GRD	GRLT	EN	s																		Light green phyllic envelope around 6 veins: trace disseminated Py
								DI											t	t							
			130.50	130.53		VEN	BKBL								VN	80	3.0		50	15			35				Gn and Py veinlets with off white chalcedony
							DK																				
			130.81	130.86		VEN	WHOR								VT	70	<1	3									Off white chalcedony veinelts
			130.95	130.95		VEN	BRBK	BL							VT	85	0.5		85	75		10					Blebby Py, Sp, and white translucent Qz veinlets with disseminated Py adjacent
			131.30	131.34		VEN	BK	BX							DK	50			m	m							Black brxx dyke with 1mm- 3cm angular clasts of strong phyllic GRD

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			131.41	131.42		VEN	BRBN	BL							VN	50	1.0		90	80		10					Py and Sp blebby vein with white/grey Qz remaining
			131.65	131.74		VEN	BRBN								VN	75			40	25		15					Py, honey brown Sp blebs and veinlets with orange/white chalcedony and grey/white translucent Qz
							BK																				
			134.86	135.88		GRD	GRBN	EN	w	w					VT	10	<1	3									Weak phyll/argillic alt GRD. Shallow white Qz/Cb veinlets
							GYMD																				
			135.73	135.77		VEN	WHBR								VN	90	4.0		40	30		7	3				Off white/orange/white chalcedony vein with blebs of Py, Sp, Gn adjacent with white/grey translucent Qz in between blebs. Slight brxx in <1cm orange white chalcedony
								BL																			
								BX																			
			137.90	138.00		GRD	WHGR	EN	w						VT	88	0.5	2									Weak phyllic envelope with minor sericitic alteration of mafics enveloping 2 white Qz veinlets @ 90°
			138.95	138.08		GRD	GRMD	EN	wm										t	t							Weak to mod phyllic alt GRD with metallic silver Se replacing Bt and 50% of mafics replaced by Se
			139.02	139.03		VEN	WHBK	BL	s						VN	85	1.0	1	35	35							White grey Qz/Se with blebs of Py
			140.10	140.16		GRD	GRLT	EN	s										t	t							Strong phyll envelope. Hb almost entirely replaced by earthy clay. Py replacing Hb
								DI																			
			140.12	140.13		GRD	ORWH	BX											t	t							Orange/white chalcedonic Qz with brxx phyllic alt GRD angular clasts of 3-8mm in size. White/translucent Qz in filled with chalcedony. Trace disseminated. Py replacing Hb in brxx clasts
			140.93	141.07		GRD	GRLT	EN	s																		Strong phyllic envelope with trace disseminated Py replacing mafics. Silver metallic sericite replacing Bt
								DI											t	t							

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			141.00	141.06		VEN	ORWH	BN					Ca	w	VN	88	6.0	1									Orange/white banded chalcedony veinlets connected via perpendicular veinlets-netted texture. Phyllic alt GRD in between. Secondary weak carbonate flooding. Trace disseminated blebs Py with trace Gn or St?
								NT																			
								BL											t	t			t?	St	t?		
			142.94	142.99		GRD	GRMD	EN	wm																		Weak to mod phyllic alt envelope with Hb altered to Se and some unaltered Hb. Enveloping a vein. Trace disseminated pyr replacing Hb
								DI											t	t							
			142.96	142.98		VEN	WHOR	BN	s						VN	80	2.0	1									White/orange chalcedony veinlets with phyllic altered GRD and white grey Qz veinlets. Trace blebs of Py, mainly in grey/white Qz
								BL											t	t							
			146.39	146.41		APL	PKMD	FG							VN	55	1.5	1									Pink aplite vein
			148.65	148.80		GRD	GRLT	EN	s																		Strong phyll envelope around a vein with trace disseminated Py alt from mafics
								DI											t	t							
			148.73	148.75		VEN	BRWH	BL	s						VN	85	2.0	1									Orange/white chalcedony, grey/white Qz, Py and Se, and GRD discontinuous blebs in a linear trend
			149.10	150.00		GRD	GRDK	MG	w				pro	w											Cl	w		Dark green weak propylitic alt GRD with chlorite al from Bt, with some Cl altered to metallic silver Se-weak phyllic alt. Three off white Chalcedony veinlets, largest, 0.7cm, in filled with white, clear Cb
								DI											t	t				Se			
															VT	5-70	<1	3									
			154.59	154.60		APL	PKMD	FG							DK	80											Aplite dyke with trace disseminated Py
								DI											t	t							
			156.00	156.02		VEN	GYDK	G-MG	s						VN	55											Dark black grey fine-med grained strong phyllic alt vein. Grey Qz rich with fine grained Se. Trace blebs of Py cross cuts:
								BL											t	t							
			156.04	156.06		APL	PKMD	FG							DK	70											Aplite dyke with trace disseminated Py
								BL											t	t							

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			156.88	157.00		GRD	GRMD	EN	wm																		Weak to moderate phyllic envelope with half mafics alt to Se. Trace disseminated Py replacing Hb
								DI											t	t							
			156.93	156.94		VEN	WH								VN	70											White/clear Cb with trace disseminated Py and St? To? along vein attitude
								DI											t	t				St?	t		
																								To?	t		
			162.23	162.40		GRD	GRLT	EN	s						EN	90											Strong phyllic envelope with no mafics left unaltered
			162.28	162.31		VEN	GYDK	BL	vs							90			t	t							Fine grained dark grey/Qz-Se...very strong Phyllic altered GRD with trace protolith texture of MG GRD. Sheared elongated veinlets of white/grey Qz with Cb flooding, and white/orange chalcedony exist in flow banded texture
								SH																			
								FL					Cb	w													
			164.57	164.82		GRD	GRMD	EN	ms						VT	5-90	5-1.5	3	t	t				He	w		Mod-strong phyllic envelope around Cb-ankerite? Veins/veinlets. Hematite in fractures and altered from magnetite. Trace disseminated in fractures.
			171.28	171.31		VEN	BRWH	BL	vs						VN	75			75	75							75 blebby Py with white Qz/Cb flooded blebs
			171.40	174.40		GRD	WHPK	MG	w	w			pot	m	VT	30-40	<1	2						He	w		Mottle potassic, argillic and phyllic alteration of GRD with hematite in veinlets 30-45° shallow. Top contact of the FEL PO
							GR	MO																			
174.40	176.28					FEL	GRTN	PO							DK	90											Green/tan feldspar porphyry dyke
176.28	188.52					GRD	GRLT	MG	50	w																	Pale green strong phyll and strong weak argillic alteration with ~30% is black/grey fine grained netted veinlets and brxx veins. Black brxx has 1mm-5cm clasts of phyllic alt GRD. disseminated Py and med grained Py veinlets with white/grey qtz, trace veinlets and disseminated. stibnite? To? with Py
							BKGY	NT							DK	75-90	15.0	2	w	w		t					
								BX																			
															VT	90			s	s							
			182.14	182.15		VEN	BRWH	FG							VN	90	1.0	1	30	30							Fine grained blebby pyrite with white milky Qz and grey/white translucent Qz

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								BL																			
			184.31	194.35		VEN	WHBL	NT							VN	90	4.0	1	t	t							White/orange milky Qz, grey/white translucent Qz netted veinlets with phyllic alt GRD in between with trace disseminated Py
							GY	DI																			
			184.69	184.70		VEN	ORBR	BN							VN	70	1.0	1	ms	ms							Orange/white chalcedony banded vein with grey/white Qz with blebs of disseminated Py
							GY	DI																			
			185.58	185.59		VEN	BRBN	VU							VN	88	1.0		l	l		w					Vuggy fine grained Py, Sp, and grey/white translucent Qz vein
							GY																				
			185.67	185.70		VEN	BKGR	BX							DK	60											Black/grey brxx with 1-4cm alt GRD with disseminated Py. Fine/med grained Py and honey brown and blackjack Sp with grey/white translucent Qz veinlet, just 2 cm below brxx.
							DK	DI											w	w							
			187.01	187.05		VEN	BRBK	BN	s						VN	88				l	t	t					Strong phyllic (dark grey Qz-Se mix), Py, smokey Qz banded vein with trace As
							GY	DI																			
188.52	194.38					FEL	GRTN	PO	ms	w					VT	20-30	<1	3									Mottled phyllic -green/tan- alt FEL PO and weak phyllic altered-grey- FEL PO. With white Cb veinlets
							GY	MO																			
194.38	198.95					GRD	GYGR	FLT?		s			ser	vs	VT	60	<1	5									Strong argillic (montmorillonite) alt swelling clay. Very friable..fault? Or from montmorillonite? Ankerite veinlets @ 60°
						FLT?	MD																				
			198.68	198.74		VEN	BK	BX							VN	60			t	t		t					Black brxx vine with disseminated Py and Sp in blebs
								BL																			
198.95	204.49					FEL	GRTN	PO	ms	w																	Mod/strong phyll FEL PO with netted ankerite veinlets and blue/grey fine grained (Gn?) veinlets
								NT							VT	20+											
204.49	205.03					BXA	BKGY	BX							DK	75											Dark grey/black brxx dyke with massive Gn and frec disseminated Py. Broken, recovery?
								MA											30	l			l				

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
205.03	205.78					FEL	GRPK	PO		w					DK	65											Weak argillic alt FEL PO
205.78	207.23					GRD	BR	VN	s	wm																	Weak to mod argillic/mod-strong phyllic GRD with large veins of white grey translucent Qz, massive med grained Py and acicular, radiation To. Py>Qz>To. 1-3% disseminated Py in GRD
								DI											w	w							
			206.03	206.23		VEN	BR	MA							VN	65			93	93				To	t		Massive med-coarse grained crystalline Py with blebs of white/grey Qz. Trace acicular To.
								XL																			
			206.39	206.45		VEN	BR	MA							VN	60			93	93				To	t		Massive med-coarse grained crystalline Py with blebs of white/grey Qz. Trace acicular To.
								XL																			
			206.55	206.73		VEN	BR	MA							VN	60			93	93				To	t		Massive med-coarse grained crystalline Py with blebs of white/grey Qz. Trace acicular To.
								XL																			
			207.06	207.19		VEN	BR	MA							VN	65			93	93				To	t		Massive med-coarse grained crystalline Py with blebs of white/grey Qz. Trace acicular To.
								XL																			
			207.23	207.35		GRD	GYBR	EN	m		s								40	40							Mod/strong phyllic/silic flooded Py rich envelop
207.23	208.23					GRD	GRGY	FG	vs		s				VT	5-65	<1	2		20				To	w		Fine grained very phyllic alt GRD-re-crystallized?- to fine grained. Grey/white Qz rich with acicular, radial tourmaline, 20% fine grained disseminated Py blebs, Se is white/silver-sucrosic texture. To/Py veinlets present
							LT	DI																			
								SU																			
208.23	229.00					GRD	GRLT	MD	50	50																	
								VN	s	s					VT	5-90	<1	6	l	l				To	t		Vein zone with frequent veins described below. Strong Se (argillic) altered GRD, no mafics remaining, silver/metallic euhedral Se present close to veins. Phyllic envelopes ~20cm for a 2cm vein, Qz enriched. Some Se? -orange brown coloured, some dark green, veinlets are white/grey Qz/Se, Py and trace To
																								Qz	40		
			208.53	208.63		VEN	GYBR	FG	vs						VN	75	10.0		35	25				To	w		Very strong phyllic altered, fine grained GRI

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			208.92	208.95		VEN	GYWH	BL	vs						VN	70			t	t		t					Very strong phyllic alt GRD, white/grey Qz accumulated in blebs with dark blue/grey veinlets in between
			209.16	209.19		VEN	BR	BL							VN	65			60	60				To	t		Blebby disseminated fine grained Py with grey/white Qz and trace To
								DI																			
			210.97	210.00		VEN	BK	AP							VN	70			t	t							Aphanitic black, minor brxx vein with sub angular clasts of alt GRD
								BX																			
			212.02	212.03		VEN	BK	BX							VN	90			t	t							Black brxx with 1-3 mm sub angular clasts of alt GRD
			212.59	212.61		VEN	BKGR	BX							VN	70			f	f			t				Black brxx with 1-5mm clasts of sub angular alt GRD
			213.22	213.24		VEN	BRWH	MG			s				VN	90			65	60				To	w		Med grained massive Py vein with white/grey fine grained Qz with white/silver sericite envelope. Euhedral acicular, radial To.
			215.63	215.84		BXA	BK	BX			s				DK	90			25	m	ms	m	t				Black brxx dyke with 35% clasts of 1mm-2.5cm sub angular alt GRD. Blebs of Py and As replacing mafics in clasts. As and Py exist as disseminated veins within the brxx ~25cm wide
								BL																			
			217.77	217.84		VEN	GYMD	NT			s				VN	80			w	w							White/grey translucent Qz rich with netted orange white chalcedony. Trace disseminated Py
								VT																			
			218.66	218.74		VEN	GRGY	EN	vs		ms				EN	90			f	f							Very strong phyllic envelope with silic flooding around Py veinlets
								VU																			
			218.93	218.95		VEN	BR	BL							VN	70			40	40							Orange/white chalcedony blebs with Py blebs
							ORWH																				
			221.23	221.25		VEN	BNGY	VN							VN	90			l	w	w	l					As, Py and Sp vein
							DK																				
			221.50	222.32		GRD	GRLT	CR	m	ms					VT	65	<1	10	t	t							Clay altered phyllic GRD
			223.05	223.08		VEN	GYBR	BL	s						VN	85	3.0		45	l	l		t				White/grey Qz with As, Py and Sp blebs with orange/white chalcedony

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			227.05	227.16		VEN	GYBN	PA			s				VN	65			30	l	w	l	t				Patches of Sp/Py up to 1.5cm blebs with minor disseminated Py and trace Gn. Remainder is white/grey Qz
							BR	VN																			
			228.85	229.00		GRD	GRTN	FL?		m																	Contact between FEL PO and GRD, flow banded texture? Parallel to contact.
						FEL																					
229.00	232.02					FEL	TN	PO	s						DK	5-90											Mottled tan/red FEL PO green argillic alteration of the feldspars. 65° top contact, 90° bottom
							RD	MO																			
232.02	233.54					GRD	GYDK	VN	s																		Very altered-strong phyllic with minor green clay alteration-overprinted by phyllic alteration? Major vein zone; described below, 5% disseminated Py
								DI											f	f							
			232.02	232.41		GRD	GYDK		vs		s								f	w	w	t	t				Very strong phyllic altered GRD with high silic content
			232.02	232.05		VEN	SIGY	BN							VN	40			60	m	50	f	f				Massive, fine grained, banded As, Py, Sp and Gn, some blebby. Banded mineralization follow at 40° trend but continues along ~90° contact
							DK	DI																			
			232.12	232.17		BXA	WHGY	BX																			
								BL											w	w	w						Off white/milky Qz brxx with smokey Qz clasts and blebs of Py and As and disseminated. Pervasively
			233.14	233.41		BXA	GYDK	BX							DK	55											
								BL											m	w	m						Dark grey brxx with 1mm-1.5cm accumulation at disseminated blebs of As and Py. Also 0.5 cm blebby vein of As
								VN																			
			233.47	233.54		BXA	GYMD	FR																			
						FEL		DI											t	t							Contact between brxx and FEL PO, fractured. Trace disseminated Py
233.54	234.32					FEL	PKGR	PO			m		pot	m	DK	55											Mottled pot/green argillic FEL PO, green clay in fracture and pervasive potassic colouration
								MO																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
234.32	234.57					BXA	BK	DI							DK	65			f	w	w	t					Black brxx with disseminated and blebs of Py and As. Brxx clasts are sub angular 2mm -1.5cm phyllic altered GRD with some blebs of As and Py
								BL																			
234.57	234.91					GRD	GRGY	VN	vs																		Very strong phyllic altered GRD with 2 main veins:
								DI											f	f	w?						
			234.57	234.68		VEN	SIGR								VN	65			70	w	50	w	15				Sulphide rich vein zone As>Gn>Sp>Py
			234.77	234.90		VEN	BKWH	DI							VN	65			w	t	w						White/grey Qz, with black fine grained brxx with grey white Qz clasts. Some orange/dusty alteration in clasts. Blebs of As in top of interval. Trace disseminated Py
							SI	BL																			
234.91	239.83					GRD	GRGY	PA		s																	Patchy green clay, phyllic alt (around veinlets/veins) kaolinite alteration with some potassic alteration on the kaolinite alt-overprinting?
							WHPK								VT	0-90	0.5-2	3									Qz/Cb vein/veinlets
															VT	0-70	<1	1									Py veinlet
			236.56	236.59		VEN	GRDK	BX	s						VN	90											Dark grey minor brxx 1-3mm clasts with blebs of Py
								BL											w	w							
			238.24	238.54		GRD	GRPK	MG		s																	Kaolinite altered GRD with 10% Kspar. Hb intac
							LT																				
			239.07	239.31		GRD	GRPK	MG		s																	
							LT																				
239.83	252.98					GRD	GRGY	MG					pot	wm	VT	5-90	<1	4									Dark green/grey propylitic alt-overprinted? By potassic alt feldspars zoned crystals with white plag in middle and kspar zoning on outer crystal edges. Envelopes of green clay alt and phyllic around veins
							PK						pro	wm													
			240.79	241.30		GRD	GRLT	EN	wm		s								t	t							Light green clay/phyllic al envelopes with a patch of red/pink alt feldspar-kaolinite? Trace disseminated Py
							RD	PA																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			241.18	241.20		VEN	BRGY	BN							VN	80	2.0		l	l							White grey, white, and orange Qz veins with Py
			242.94	242.96		VEN	BRGY	BN							VN	60			ms	ms							White grey Qz with blebby banded Py
			243.53	243.60		VEN	ORWH	BN							VN	30			f	w		w					Orange/white chalcedony Qz banded vein with grey/white Qz and disseminated. Py and Sp
			244.77	245.63		GRD	GRLT	EN	wm		s								w	w							Green clay altered GRD overprinted by phyllic alteration. Qz flooded and pervasive disseminated Py
								DI																			
			245.16	245.38		VEN	GYGR	BN	vs		s				VN	90			30	25	f	m	m				Very strong phyllic alt (grey Qz rich) crosscutting green clay altered GRD. Veins of disseminated Py, As, Sp (honey brown) and Gn present at top and bottom of vein. Minor vug texture and brxx (orange white chalcedony with clasts of grey/white Qz)
							BR	VU																			
								BX																			
			246.40	246.42		VEN	GYBR	BN							VN	90			l	l		w					Py vein with grey/white Qz and 1-3% honey brown/blackjack Sp. 70 cm phyllic envelope
			247.20	248.10		GRD	GRGY	EN	s										w	w							Light green phyllic alter EN with disseminated Py
								DI																			
			247.62	247.67		VEN	GYGR	BN							VN	60			w	t		t					Grey/green Qz rich vein with blebs of Py, Sp-honey brown and blackjack
			248.69	250.06		GRD	GRLT	MG		s																	Strong green clay altered GRD
			248.83	248.86		VEN	GYMD	BN							VN	55			w	w							Grey/white Qz, white/milky Qz, with elongated VT with Py replacing
								BL																			
252.98	253.97					FEL	GRMD	PO							DK	55			m	m							FEL PO green DK with porphyry in filled with PY and rimmed with dark green mineral-chlorite?
								BL																			
253.97	257.16					GRD	GRGY	PA		wm	s		pro	w					t	t							Patchy green/grey propylitic alteration with potassic feldspars and kaolinite altered GRD. Trace disseminated Py
								DI					pot	w													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
257.16	257.88					FEL?	GY	FG			s								t	t							Fine grained grey/green intrusive or xenolith with coarse grained kaolinite alt GRD..? DK? Xenolith?
						XEN?		DI																			
257.88	264.44					GRD	GRGY	PA			40		pro	60	VN	65	<1	3	t	t							Silic flooded, argillic and patchy propylitic alteration , with phyllic alt around veins. Py veinlets and disseminated Py adjacent
								DI																			
			260.33	260.37		VEN	GYGR	VN							VN	60	1.0		f	f							Dark grey phyllic envelope around a 1 cm Py vein
264.44	265.01					FEL	GRTB	PO							DK	50											
								BL							VT	65	<1	4	w	w							FEL PO with phenocrysts in filled with PY and cross cut by Py VT
265.01	266.88					GRD	TNPK	MG		s																	Very argillic alt GRD
			266.18	266.24		VEN	WHTN	BX	s						VN	85	1.0										Phyllic enveloping an orange/white chalcedony brxx with white/clear Qz with blebs of Sp and Py
266.88	267.00					APL	TNPK	PO							DK	88			t	t							Aplite with trace disseminated Py from microveinlets
								DI																			
267.00	271.83					GRD	GYWH	PA		50	5		pot	wm	VT	65			t	t							Patches of argillic-kaolinite clay alt GRD and silic flooded prop and pot alt GRF
													pro	wm	VT	20			t	t							
			267.31	267.48		VEN	GYGR	VU							VN	60			t	t							Vuggy smokey Qz with netted white Qz veinlets, white/pink chalcedony netted veinlets with trace disseminated Py. Brxx clasts in smokey Qz
							DK	NT																			
								BX																			
			267.91	267.92		VEN	BK	BX							VT	35			l	l							Black brxx VT with Py
271.83	285.52					GRD	GYFR	MG					pro	wm	VT	0-65	<1	1	t	t							Weak to mod propylitic alt GRD with sub intervals of unaltered GRD, silic flooded, strong propylitic GRD and weak phyllic altered GRD. Cb veinlets and Py veinlets, rare.
							PKMD																				
			272.38	272.41		APL	PK	FG							DK	80	2.5	1	n								Aplite dyke

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			273.41	274.09		GRD	GYGR	MG			m		pro	m														Propylitic alt GRD with silic flooded. Chlorite replacing Bt
							DK																				
			275.17	275.21		GRD	PK	MG					pot	s		40												Strong potassic alt GRD, trending ~40˚
								EN?																			
			275.56	275.61		GRD	PK	MG					pot	s		25												Shallow EN (?) of potassic alt GRD with blebs of Py replacing mafics. Cb veinlet crosscuts
								BL											w	w							
			275.61	277.30		GRD	GYGR	MG			vs		pro	s														Dark green strong propylitic alt GRD with strong silic flooding. Py veinlets, one has Sp
							DK								VT	65	<1	3	t	t		t					
			278.80	278.97		GRD	GRLT	EN	w		s								n								Green altered GRD envelope around a phyllic altered vein
			278.88	278.91		VEN	GYWH	BN	ms						VN	80											Banded white Qz, grey/white Qz, vein with phyllic alteration
			280.45	280.71		GRD	GYGR	EN	s						VT	38	0.5	1	l	l							Phyllic alt GRD EN around a Py veinlet. Trace disseminated Py replacing mafics
								DI											t	t							
			283.58	285.52		GRD	GRLT	MG		s																	Strong green argillic altered GRD with patches of brownish kaolinite feldspars
			284.64	284.75		GRD	GRMD	EN	m										t	t							Mod phyllic altered GRD envelope with trace disseminated Py around a Py and orange/white chalcedony vein
								DI							VN	90	1.0	1	t	t							
285.52	288.65					GRD	GYMD	mug																			Unaltered GRD
288.65	EOH																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-19

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
5.18	8.23	3.05	2.54	83	1.06	35	M	SW		
8.23	11.28	3.05	2.91	95	1.82	60	M	SW		
11.28	14.33	3.05	3.02	99	1.75	57	S	SW		
14.33	17.37	3.04	3.01	99	2.05	67	S	SW		
17.37	20.42	3.05	2.85	93	1.05	34	W	SW		
20.42	23.47	3.05	2.95	97	1.76	58	W	SW		
23.47	26.52	3.05	2.80	92	1.63	53	W	SW		
26.52	29.57	3.05	2.81	92	2.37	78	M	SW		
29.57	32.61	3.04	3.00	99	1.60	53	M	SW		
32.61	35.66	3.05	2.96	97	1.88	62	M	SW		
35.66	38.71	3.05	3.10	102	2.07	68	W	FR		
38.71	41.76	3.05	3.02	99	2.42	79	S	FR		
41.76	44.80	3.04	1.94	64	2.17	71	S	FR		
44.80	47.85	3.05	3.03	99	2.31	76	VS	FR		
47.85	50.90	3.05	2.88	94	1.89	62	W	FR		
50.90	53.95	3.05	3.14	103	1.55	51	S	FR		
53.95	57.00	3.05	2.79	91	1.29	42	M	FR		
57.00	60.04	3.04	3.07	101	2.07	68	S	FR		
60.04	63.09	3.05	2.89	95	1.34	44	W	FR		
63.09	66.14	3.05	3.17	104	2.05	67	W	FR		
66.14	69.19	3.05	2.80	92	1.02	33	S	FR		
69.19	72.24	3.05	3.12	102	1.52	50	M	FR		
72.24	75.28	3.04	3.03	100	1.87	62	M	FR		
75.28	78.33	3.05	3.00	98	1.74	57	M	FR		
78.33	81.38	3.05	3.02	99	2.10	69	S	FR		
81.38	84.43	3.05	3.03	99	1.96	64	M	FR		
84.43	87.47	3.04	3.08	101	1.93	63	S	SW		
87.47	90.53	3.06	2.83	92	1.00	33	M	SW		
90.53	93.50	2.97	3.04	102	1.86	63	M	SW		
93.50	96.62	3.12	2.89	93	1.10	35	W	FR		
96.62	99.67	3.05	3.07	101	2.12	70	W	FR		
99.67	102.72	3.05	2.99	98	2.10	69	W	FR		
102.72	105.77	3.05	2.97	97	2.30	75	M	FR		
105.77	108.81	3.04	2.65	87	1.40	46	W	FR		
108.81	111.88	3.07	3.18	104	1.96	64	M	FR		
111.88	114.91	3.03	2.85	94	1.79	59	M	FR		
114.91	117.96	3.05	3.00	98	1.65	54	M	FR		
117.96	121.00	3.04	2.88	95	1.37	45	W	FR		
121.00	124.05	3.05	2.89	95	1.38	45	W	FR		
124.05	127.10	3.05	3.12	102	2.10	69	S	FR		
127.10	130.15	3.05	3.11	102	1.50	49	S	FR		
130.15	133.20	3.05	2.97	97	1.10	36	W	FR		
133.20	136.24	3.04	3.04	100	1.74	57	S	FR		
136.24	139.29	3.05	3.08	101	1.98	65	S	FR		
139.29	142.34	3.05	3.00	98	2.20	72	S	FR		
142.34	145.39	3.05	2.86	94	2.12	70	M	FR		
145.39	148.44	3.05	3.06	100	2.13	70	W	FR		
148.44	151.49	3.05	2.90	95	1.35	44	S	FR		
151.49	154.53	3.04	3.02	99	2.16	71	S	FR		
154.53	157.58	3.05	2.94	96	1.76	58	S	FR		
157.58	160.63	3.05	3.13	103	1.04	34	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	2.99	98	2.10	69	S	FR		
163.68	166.73	3.05	3.00	98	1.72	56	VS	FR		
166.73	169.77	3.04	3.01	99	1.95	64	W	FR		
169.77	172.82	3.05	2.85	93	1.55	51	S	FR		
172.82	175.87	3.05	2.78	91	0.76	25	W	FR		
175.87	178.92	3.05	3.07	101	1.19	39	M	FR		
178.92	181.66	2.74	2.70	99	0.92	34	S	FR		
181.66	185.01	3.35	2.98	89	1.38	41	S	FR		
185.01	188.06	3.05	2.97	97	1.34	44	M	FR		
188.06	191.11	3.05	3.07	101	2.30	75	S	FR		
191.11	194.16	3.05	2.95	97	1.48	49	S	FR		
194.16	197.21	3.05	2.76	90	0.73	24	W	FR		
197.21	200.25	3.04	2.98	98	0.80	26	W	FR		
200.25	203.30	3.05	2.96	97	0.57	19	W	FR		
203.30	206.35	3.05	2.68	88	0.70	23	M	FR		
206.35	209.34	2.99	2.97	99	1.93	65	S	FR		
209.34	212.45	3.11	2.96	95	1.56	50	S	FR		
212.45	215.49	3.04	3.04	100	2.07	68	M	FR		
215.49	218.54	3.05	3.03	99	2.38	78	M	FR		
218.54	221.59	3.05	3.01	99	1.13	37	M	FR		
221.59	224.69	3.10	3.08	99	1.55	50	M	FR		
224.69	227.69	3.00	2.99	100	2.26	75	S	FR		
227.69	230.73	3.04	3.13	103	2.20	72	S	FR		
230.73	233.78	3.05	3.00	98	1.08	35	M	FR		
233.78	236.83	3.05	2.92	96	1.43	47	M	FR		
236.83	239.88	3.05	3.05	100	2.47	81	S	FR		
239.88	242.93	3.05	3.16	104	2.31	76	M	FR		
242.93	245.97	3.04	3.05	100	2.04	67	S	FR		
245.97	249.02	3.05	2.97	97	2.42	79	M	FR		
249.02	252.07	3.05	3.05	100	2.48	81	M	FR		
252.07	255.12	3.05	3.16	104	2.38	78	M	FR		
255.12	258.17	3.05	3.02	99	2.29	75	M	FR		
258.17	261.21	3.04	2.99	98	2.53	83	M	FR		
261.21	264.26	3.05	3.11	102	2.50	82	M	FR		
264.26	267.31	3.05	3.00	98	2.24	73	S	FR		
267.31	270.36	3.05	2.99	98	2.08	68	M	FR		
270.36	273.41	3.05	3.10	102	2.77	91	VS	FR		
273.41	276.45	3.04	2.85	94	2.80	92	M	FR		
276.45	279.50	3.05	3.16	104	1.32	43	M	FR		
279.50	282.55	3.05	3.04	100	1.83	60	VS	FR		
282.55	285.60	3.05	3.02	99	2.61	86	M	FR		
285.60	288.65	3.05	3.07	101	2.88	94	VS	FR		
										EOH @288.65m

SAMPLE LOG

HOLE: #####

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.93	4.93	0.00	0							Casing and overburden
4.93	6.56	1.63	1.38	85	K272049	1					
6.56	8.32	1.76	1.76	100	K272050	1					
8.32	11.41	3.09	2.99	97	K272051	1					
11.41	12.41	1.00	1.00	100	K272052	1					
12.41	14.33	1.92	1.96	102	K272053	1					
14.33	17.37	3.04	3.04	100	K272054	1					
					K272055	1					STD ME-16
17.37	20.42	3.05	2.97	97	K272056	1					
20.42	23.60	3.18	3.05	96	K272057	1					
23.60	26.52	2.92	2.82	97	K272058	1					
26.52	28.21	1.69	1.71	101	K272059	1					
28.21	29.25	1.04	1.01	97	K272060	1					
					K272061	1					Blank
29.25	30.29	1.04	1.03	99	K272062	1					
30.29	32.61	2.32	2.46	106	K272063	1					
32.61	35.66	3.05	3.03	99	K272064	1					
35.66	38.71	3.05	3.10	102	K272065	1					
38.71	41.76	3.05	3.03	99	K272066	1					
					K272067	1					Duplicate
41.76	44.80	3.04	2.96	97	K272068	1					
44.80	47.85	3.05	3.05	100	K272069	1					
47.85	50.90	3.05	3.05	100	K272070	1					
50.90	53.95	3.05	3.05	100	K272071	1					
					K272072	1					STD ME 16
53.95	57.00	3.05	2.95	97	K272073	1					
57.00	59.81	2.81	2.85	101	K272074	1					
59.81	63.09	3.28	3.10	95	K272075	1					
63.09	64.92	1.83	2.05	112	K272076	1					
64.92	65.92	1.00	1.00	100	K272077	1					
					K272078	1					BLANK
65.92	68.81	2.89	2.75	95	K272079	1					
68.81	69.80	0.99	1.01	102	K272080	1					
69.80	71.78	1.98	2.08	105	K272081	1					
71.78	73.94	2.16	2.13	99	K272082	1					
73.94	76.02	2.08	2.08	100	K272083	1					
76.02	77.34	1.32	1.32	100	K272084	1					
77.34	80.15	2.81	2.71	96	K272085	2					
80.15	81.15	1.00	1.00	100	K272086	2					
81.15	83.75	2.60	2.26	87	K272087	2					
83.75	84.84	1.09	1.10	101	K272088	2					
84.84	87.64	2.80	2.80	100	K272089	2					
87.64	89.19	1.55	1.55	100	K272090	2					
					K272091	2					STD ME 16
89.19	91.00	1.81	1.74	96	K272092	2					
91.00	92.54	1.54	1.54	100	K272093	2					
92.54	93.57	1.03	1.03	100	K272094	2					
93.57	96.62	3.05	2.93	96	K272095	2					
96.62	99.67	3.05	3.05	100	K272096	2					
					K272097	2					DUPLICATE
99.67	102.05	2.38	2.40	101	K272098	2					
102.05	103.28	1.23	1.21	98	K272099	2					
103.28	104.27	0.99	1.01	102	K272100	2					
					K272101	2					BLANK
104.27	105.47	1.20	1.21	101	K272102	2					
105.47	108.40	2.93	2.73	93	K272103	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.40	111.31	2.91	3.05	105	K272104	2					
111.31	112.30	0.99	1.03	104	K272105	2					
112.30	114.32	2.02	1.87	93	K272106	2					
114.32	116.38	2.06	1.96	95	K272107	2					
					K272108	2					STD ME 16
116.38	117.58	1.20	1.25	104	K272109	2					
117.58	118.91	1.33	1.35	102	K272110	2					
118.91	120.81	1.90	1.89	99	K272111	2					
					K272112	2					BLANK
120.81	123.73	2.92	2.85	98	K272113	2					
123.73	126.75	3.02	3.05	101	K272114	2					
126.75	129.15	2.40	2.40	100	K272115	2					
129.15	130.39	1.24	1.41	114	K272116	2					
130.39	131.88	1.49	1.46	98	K272117	2					
131.88	133.20	1.32	1.26	95	K272118	2					
133.20	136.24	3.04	3.06	101	K272119	2					
136.24	139.29	3.05	3.13	103	K272120	2					
139.29	142.34	3.05	3.04	100	K272121	3					
142.34	145.39	3.05	2.86	94	K272122	3					
145.39	148.44	3.05	3.08	101	K272123	3					
148.44	151.49	3.05	3.12	102	K272124	3					
151.49	154.53	3.04	3.07	101	K272125	3					
					K272126	3					STD ME 16
154.53	157.58	3.05	2.99	98	K272127	3					
157.58	160.63	3.05	3.20	105	K272128	3					
160.63	163.68	3.05	3.07	101	K272129	3					
163.68	166.73	3.05	3.10	102	K272130	3					
166.73	169.77	3.04	3.08	101	K272131	3					
169.77	172.38	2.61	2.77	106	K272132	3					
172.38	174.40	2.02	1.98	98	K272133	3					
174.40	176.28	1.88	1.88	100	K272134	3					
176.28	177.79	1.51	1.92	127	K272135	3					
					K272136	3					BLANK
177.79	179.90	2.11	2.03	96	K272137	3					
179.90	181.24	1.34	1.41	105	K272138	3					
181.24	184.60	3.36	3.05	91	K272139	3					
184.60	187.14	2.54	2.57	101	K272140	3					
187.14	188.48	1.34	1.42	106	K272141	3					
188.48	191.37	2.89	2.87	99	K272142	3					
					K272143	3					DUPLICATE
191.37	194.38	3.01	2.96	98	K272144	3					
194.38	196.45	2.07	2.19	106	K272145	3					
196.45	198.95	2.50	2.43	97	K272146	3					
					K272147	3					STD PL-2
198.95	201.69	2.74	2.96	108	K272148	3					
201.69	204.49	2.80	2.92	104	K272149	3					FEL PO
204.49	205.03	0.54	0.53	98	K272150	3					Massive mineralization
					K272151	3					BLANK
205.03	205.80	0.77	0.77	100	K272152	3					FEL PO
205.80	207.32	1.52	1.52	100	K272153	3					Massive pyrite
207.32	208.62	1.30	1.33	102	K272154	3					Tourm and pyrite
208.62	209.63	1.01	1.01	100	K272155	3					
209.63	212.64	3.01	2.98	99	K272156	3					
212.64	215.27	2.63	2.66	101	K272157	4					
215.27	216.26	0.99	1.00	101	K272158	4					
216.26	219.05	2.79	2.82	101	K272159	4					
219.05	221.19	2.14	2.17	101	K272160	4					
221.19	223.80	2.61	2.62	100	K272161	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
223.80	226.81	3.01	3.00	100	K272162	4					
					K272163	4					STD PL-2
226.81	229.00	2.19	2.23	102	K272164	4					
229.00	232.02	3.02	3.10	103	K272165	4					
232.02	233.54	1.52	1.53	101	K272166	4					
233.54	234.32	0.78	0.70	90	K272167	4					
234.32	234.91	0.59	0.62	105	K272168	4					
					K272169	4					BLANK
234.91	236.91	2.00	1.51	76	K272170	4					
236.91	238.30	1.39	1.83	132	K272171	4					
238.30	240.80	2.50	2.53	101	K272172	4					
240.80	241.87	1.07	1.16	108	K272173	4					
241.87	244.77	2.90	1.92	66	K272174	4					
244.77	246.50	1.73	1.70	98	K272175	4					
					K272176	4					BLANK
246.50	248.10	1.60	1.62	101	K272177	4					
248.10	250.34	2.24	2.17	97	K272178	4					
250.34	252.98	2.64	2.65	100	K272179	4					
252.98	253.97	0.99	1.02	103	K272180	4					
253.97	255.12	1.15	1.12	97	K272181	4					
255.12	258.17	3.05	2.99	98	K272182	4					
258.17	261.21	3.04	2.98	98	K272183	4					
					K272184	4					DUPLICATE
261.21	264.44	3.23	3.18	98	K272185	4					
264.44	265.01	0.57	0.62	109	K272186	4					
265.01	268.15	3.14	3.03	96	K272187	4					
					K272188	4					STD PL-2
268.15	269.11	0.96	0.96	100	K272189	4					
269.11	271.82	2.71	2.12	78	K272190	4					
271.82	273.41	1.59	1.62	102	K272191	4					
273.41	275.61	2.20	2.24	102	K272192	4					
275.61	277.29	1.68	1.46	87	K272193	5					
277.29	280.33	3.04	3.10	102	K272194	5					
280.33	281.69	1.36	1.33	98	K272195	5					
					K272196	5					STD ME-16
281.69	283.59	1.90	1.97	104	K272197	5					
283.59	285.52	1.93	1.93	100	K272198	5					
					K272199	5					BLANK
285.52	288.65	3.13	3.16	101	K272200	5					EOH

DENSITY LOG

Hole: **KL-11-19**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
98.25-98.35	GRD	MGEN	PRO/PHY							10.19	6.346	860.9	542.6	eak phyllic altered with one off white chal	2.67	2.70
												2000.0	1743.0	2 kg calibration		

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-19

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Over burden
2.00				Over burden
3.00				Over burden
4.00			21.03	
5.00			21.88	
6.00			13.42	
7.00			7.193	
8.00			19.85	
9.00			1.587	
10.00			6.431	
11.00			14.63	
12.00			0.453	
13.00			2.85	
14.00			2.28	
15.00			27	
16.00			26.43	
17.00			20.85	
18.00			16.45	
19.00			20.01	
20.00			22.51	
21.00			11.52	
22.00			21.24	
23.00			19.56	
24.00			24.04	
25.00			23.08	
26.00			22.67	
27.00			17.45	
28.00			23.95	
29.00			0.427	
30.00			0.96	
31.00			7.782	
32.00			13.84	
33.00			0.405	
34.00			0.508	
35.00			16.24	
36.00			15.52	
37.00			19.18	
38.00			2.969	
39.00			17.03	
40.00			17.96	
41.00			18.41	
42.00			16.93	
43.00			17.71	
44.00			19.94	
45.00			8.07	
46.00			18.81	
47.00			18.99	
48.00			20.47	
49.00			19.3	
50.00			20.76	
51.00			19.03	
52.00			22.25	
53.00			18.25	
54.00			11.17	
55.00			23.04	
56.00			14.25	
57.00			19.9	
58.00			19.35	
59.00			19.99	
60.00			0.545	
61.00			18.29	
62.00			17.72	
63.00			24.84	
64.00			23.95	
65.00			12.09	
66.00			18.33	
67.00			21.98	
68.00			17.84	
69.00			0.66	
70.00			17.34	
71.00			21.18	
72.00			9.512	
73.00			23.22	
74.00			19.58	
75.00			25.27	
76.00			0.764	
77.00			0.453	
78.00			11.03	
79.00			14.79	
80.00			24.81	
81.00			23.2	
82.00			0.784	
83.00			0.452	
84.00			0.427	
85.00			11.62	
86.00			7.37	
87.00			10.39	
88.00			3.243	
89.00			0.371	
90.00			1.672	
91.00			19.28	
92.00			0.977	
93.00			0.506	
94.00			2.577	
95.00			0.464	
96.00			0.423	
97.00			0.518	
98.00			0.449	
99.00			5.345	
100.00			2.685	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			8.517	
102.00			15.7	
103.00			2.741	
104.00			0.338	
105.00			0.266	
106.00			18.93	
107.00			14.09	
108.00			17.47	
109.00			22.11	
110.00			15.76	
111.00			23.33	
112.00			1.273	
113.00			27.56	
114.00			21.96	
115.00			22.83	
116.00			8.917	
117.00			0.218	
118.00			0.383	
119.00			0.775	
120.00			23.79	
121.00			30.92	
122.00			25	
123.00			19.48	
124.00			16.11	
125.00			19.18	
126.00			2.156	
127.00			30.56	
128.00			19.69	
129.00			18.62	
130.00			17.14	
131.00			0.444	
132.00			0.117	
133.00			16.54	
134.00			23.56	
135.00			0.952	
136.00			20.79	
137.00			13.97	
138.00			1.092	
139.00			1.638	
140.00			24.89	
141.00			0.633	
142.00			30.28	
143.00			6.943	
144.00			32.81	
145.00			22.69	
146.00			24.65	
147.00			23.15	
148.00			25.5	
149.00			22.94	
150.00			0.822	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			25.28	
152.00			29.52	
153.00			27.4	
154.00			22.52	
155.00			24.29	
156.00			2.039	
157.00			20.95	
158.00			14.75	
159.00			25.33	
160.00			43.17	
161.00			28.99	
162.00			27.64	
163.00			23.75	
164.00			20.9	
165.00			31.11	
166.00			31.6	
167.00			9.53	
168.00			26.83	
169.00			25.34	
170.00			23.29	
171.00			24.04	
172.00			26.15	
173.00			0.829	
174.00			0.344	
175.00			0.329	
176.00			0.343	
177.00			0.19	
178.00			0.12	
179.00			0.254	
180.00			0.191	
181.00			0.396	
182.00			0.537	
183.00			0.61	
184.00			0.396	
185.00			0.204	
186.00			0.234	
187.00			0.421	
188.00			0.206	
189.00			0.181	
190.00			0.256	
191.00			0.239	
192.00			0.22	
193.00			0.47	
194.00			0.332	
195.00			0.252	
196.00			0.406	
197.00			0.181	
198.00			0.27	
199.00			0.26	
200.00			0.198	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.206	
202.00			0.185	
203.00			0.21	
204.00			0.162	
205.00			0.127	
206.00			0.006	
207.00			0.02	
208.00			0.334	
209.00			1.38	
210.00			0.438	
211.00			0.202	
212.00			0.247	
213.00			0.163	
214.00			0.326	
215.00			0.227	
216.00			1.279	
217.00			0.382	
218.00			0.158	
219.00			0.206	
220.00			21.15	
221.00			30.62	
222.00			21.55	
223.00			26.53	
224.00			0.269	
225.00			0.268	
226.00			0.139	
227.00			0.315	
228.00			0.27	
229.00			0.339	
230.00			0.227	
231.00			0.297	
232.00			0.288	
233.00			0.154	
234.00			0.272	
235.00			0.227	
236.00			0.254	
237.00			0.175	
238.00			0.142	
239.00			0.36	
240.00			8.081	
241.00			0.558	
242.00			2.78	
243.00			0.258	
244.00			1.157	
245.00			0.156	
246.00			1.301	
247.00			14.28	
248.00			0.569	
249.00			0.446	
250.00			0.702	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			25.63	
252.00			15.74	
253.00			0.229	
254.00			0.464	
255.00			0.119	
256.00			0.196	
257.00			0.127	
258.00			0.108	
259.00			0.23	
260.00			0.219	
261.00			0.191	
262.00			0.135	
263.00			0.61	
264.00			0.557	
265.00			0.237	
266.00			0.162	
267.00			0.326	
268.00			0.247	
269.00			0.47	
270.00			5.024	
271.00			23.28	
272.00			29.25	
273.00			19.92	
274.00			18.55	
275.00			10.99	
276.00			24.48	
277.00			23.55	
278.00			5.919	
279.00			13.97	
280.00			24.41	
281.00			31.77	
282.00			17.95	
283.00			17.68	
284.00			0.572	
285.00			0.377	
286.00			10.92	
287.00			17.11	
288.00			17.42	
				EOH @288.65m

BOX LOG

HOLE: KL-11-19

BOX	FROM (m)	TO (m)
1	0.00	5.18
2	5.18	9.22
3	9.22	13.48
4	13.48	17.47
5	17.47	21.68
6	21.68	25.66
7	25.66	29.72
8	29.72	33.74
9	33.74	37.57
10	37.57	41.76
11	41.76	46.06
12	46.06	50.09
13	50.09	53.70
14	53.70	57.64
15	57.64	61.58
16	61.58	65.27
17	65.27	69.00
18	69.00	72.90
19	72.90	77.02
20	77.02	81.16
21	81.16	85.00
22	85.00	89.13
23	89.13	93.19
24	93.19	97.27
25	97.27	101.33
26	101.33	105.60
27	105.60	109.80
28	109.80	113.71
29	113.71	118.03
30	118.03	121.98
31	121.98	126.39
32	126.39	130.15
33	130.15	134.24
34	134.24	138.50
35	138.50	142.34
36	142.34	146.39
37	146.39	150.36
38	150.36	154.29
39	154.29	158.36
40	158.36	162.39
41	162.39	166.57
42	166.57	170.76
43	170.76	174.17
44	174.17	177.57
45	177.57	181.30
46	181.30	185.51
47	185.51	189.49
48	189.49	193.50
49	193.50	197.40
50	197.40	200.87
51	200.87	204.74
52	204.74	208.23
53	208.23	212.17
54	212.17	215.75
55	215.75	219.66
56	219.66	223.88
57	223.88	227.96
58	227.96	231.84
59	231.84	235.50
60	235.50	239.50
61	239.50	243.38
62	243.38	247.67
63	247.67	251.86
64	251.86	256.07
65	256.07	260.57
66	260.57	264.56
67	264.56	268.94
68	268.94	273.25
69	273.25	277.23
70	277.23	281.19
71	281.19	285.26
72	285.26	288.65
	EOH @ 288.65m	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382724.05	6890128.6	1381.946	419.4
SECTION:						

HOLE: KL-11-20

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (419.40m / EOH)

Casing depth: 1.23 (m) in / **out**

Drilling dates: June 21 - 27, 2011

Geology logged by: X. MONTAGUE

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	0.35	-50	compass	236.52	40.5	-49.8	Ranger
53.64	35.1	-50.2	Ranger	297.48	40.1	-49.6	Ranger
114.6	37.6	-50.1	Ranger	358.44	42.2	-48.4	Ranger
175.56	39.2	-49.9	Ranger	419.4	46.4	-48	Ranger
TARGET:							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	1.23	1.23	CAS	Casing; no recovery
1.23	48.42	47.19	GRD	Weak to mod propylitic altered GRD with ~1.5/m Qz/C
				veinlets. Strong pervasive oxidation.
48.42	48.73	0.31	BXA	Matrix supported GYGR brxx with diss. Py, FG anhed
				To. Irregular blebs of WHPK milky Qz, & SIMT Se
48.73	65.48	16.75	GRD	Weak to mod propylitic altered GRD with alteration en
				around milky Qz/Cb veins infrequent sulphides preser
65.48	76.21	10.73	GRD	Unaltered GRD
76.21	208.81	132.60	GRD	Weak to mod propylitic altered GRD with alteration en
				around milky Qz/Cb veins infrequent sulphides preser
208.81	263.00	54.19	GRD	Frequent vein zone, majority is alteration envelopes
				around BN Ch/Qz/Cb veinlets. Py-diss & blebs-comm
263.00	271.69	8.69	FEL	Weak clay altered FEL PO
271.69	277.16	5.47	GRD	Mod phyllic alt GRD with brxx & vuggy veins. Py & Gr
277.16	277.57	0.41	FEL	Weak clay altered FEL PO
277.57	292.93	15.36	GRD	Mod phyllic alt GRD with diss He, milky Qz veinlets w
				diss Py increasing down hole
292.93	299.83	6.90	FEL	Clay altered FEL PO
299.83	346.24	46.41	GRD	Weak prop alteration with weak potassic overprinting Qz/Cb veins with Py, As, St present
346.24	346.45	0.21	BXA	Brecciated contact
346.45	348.95	2.50	FEL	FEL PO crosscut by freq smokey/white Qz veins
348.95	351.48	2.53	GRD	Phyll alt with freq GYWH Qz VN with Py, Sp, As blebs
351.48	355.00	3.52	FEL	Patchy alt GRD with shallow Cb veinlets
355.00	359.58	4.58	GRD	Patchy phyllic altered GRD with weak pot. Overprinting
359.58	361.04	1.46	MAF	Dark grey mafic porphyry "footwall dyke" with Py blebs
361.04	398.04	37.00	GRD	Weak to mod propylitic alteration with Py bearing Qz VT
398.04	419.40	21.36	GRD	Relatively unaltered GRD with infrequent Py VT
419.40	EOH			

SAMPLES

Numbers: K272201 - K272400

Total: 200

Batch: DDH-20 B1 - B6

Date Sent: B1 (07-13), B2 (07-17), B3 (07-19), B4 (07-22), B5-6 (07-24)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-20

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	1.23	1.23				CAS																					Casing; no recovery
1.23	9.45	8.22				GRD	GROR	MG				vs	pro	wm	VT	0-90	<1	2									Very strong pervasive oxidized GRD, weak to mod propylitic alteration. Frequent (3/m) xenoliths within the GRD. Sub intervals of weak phyllic altered envelopes around veins. Carbonate veinlets present
			6.83	7.24	0.41	GRD	ORBN	EN	w?	w?		vs															Very strong pervasive oxidized weak phyllic? Or argillic? Altered GRD. Oxidation masks mineralization.
			7.06	7.09	0.03	VEN	BLSI	BN				vs			VN	60	3		l	t		t	l			3 cm Gn and white Qz vein with trace Py and Sp. Very strong pervasive oxidation
							OR																				
			8.70	9.35	0.65	GRD	GRON	MG	w			s															Strong pervasive oxidation of a weak phyllic altered GRD
							LT																				
			9.27	9.28	0.01	VEN	ORWH	BN				s			VN	55			w				w				Oxidized orange/white milky Qz vein with blebs of Gn
9.35	10.00	0.65				GRD																					Caving, crumbled blocks of GRD
10.00	48.42	38.42				GRD	GRGY	MG				m	pro	wm	VT	0-90	<1	2									Weak to moderate propylitic altered GRD with moderate oxidation in fractures and pervasively. Cb veinlets
							DK																				
			10.00	10.87	0.87	GRD	ORBN	CR		75		vs	pro	wm	VT	0-90	1	1									Very strong pervasive oxidized montmorillonite alt GRD with 25% patches of w-m propylitic altered GRD. O.5 cm white Qz veins
													25														
			13.77	14.42	0.65	GRD	ORWH	MG	25	75		s															Orange/white pervasive oxidized GRD, 75% montmorillonite alt GRD with 25% weak phyllic alter. 1 honey brown Sp and white Qz veinlet
							GR								VT	90	<1	1				t				
			16.49	16.67	0.18	GRD	GRLT	EN	w			m	pro	w													Weak phyllic and propylitic altered envelope with mod oxidation in fractures and pervasively. Envelopes a vein:
							DK																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			16.53	16.55	0.02	VEN	ORWH	BN	s			m			VN	88	2	1	w			w	t				Oxidized phyllic alt GRD cross cut by grey/white oxidized milky Qz and blebs of honey brown Sp and Gn
								BL																			
			18.60	19.38	0.78	GRD	ORGR	MG	50	50		ms			VT	45	<1	8									50/50% moderate clay/weak phyllic alt GRD
									w	m																	
			20.72	21.09	0.37	GRD	ORGR	MG	25	75		s			VT	90	1		w	t		w	t				75% montmorillonite alt GRD with a 10cm weak phyllic envelope around a sulphide bearing veinlet
									w	s																	
			22.64	23.48	0.84	GRD	ORWH	MG		s		m			FX	40	<1	7									Moderate pervasive oxidized strong montmorillonite alt GRD
			24.24	24.27	0.03	VEN	WHGY	BN				w			VN	65	3	1	f	w		f					Grey white translucent Qz, orange white milky Qz (with clasts of grey/white Qz in milky vein and vice versa) bands. Grey/white Qz vein hosts boney brown Sp and trace blebs of Py
							OR																				
			24.27	24.47	0.20	GRD	ORGR	MG	w			s															Weak phyllic alt GRD with pervasive oxidized GRD
			30.31	32.08	1.77	GRD	GRLT	MG	wm			wm							t	t							Weak to mod phyllic altered GRD with trace disseminated Py 10-20c, from veins. Patches of pervasive oxidation throughout subinterval.
								DI																			
			30.82	30.85	0.03	VEN	GYMD	BN	s			w	ser	wm	VN	35	3		f	t		f	f				Banded vein: strong phyllic alt GRD sericitic alt, grey/white translucent Qz, blebs of Gn, honey brown Sp, and trace disseminated Py
			32.79	33.40	0.61	GRD	GRLT	EN	wm			m							t				t				Weak to mod phyllic alt GRD with mod pervasive oxidation. Trace Gn and Py
							OR																				
			32.97	32.98	0.01	VEN	ORWH	BN							VN	90			w	w		w	w				Bands of orange white milky Qz, grey/white Qz with blebs of Gn, Sp and Py
							GY																				
			35.36	37.65	2.29	GRD	GROR	MG	wm	w		m															Weak to mod phyllic altered GRD with minor white clay alt of feldspars (kaolinite?). Mod pervasive oxidization. Trace disseminated Py within 20 cm envelopes around veins/veinlets. Gn veinlets @45° with honey brown Sp

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								DI							VT	45	<1	5	t	t		f	f				
			35.61	35.63	0.02	VEN	GYOR	BL				wm			VN	60	2	1	ms	w		f	f				Grey/white translucent Qz veir
			36.14	36.37	0.23	GRD	GYGR	NT	s			wm			VN	90											
						VEN		BL											f	w		w	w				Weak to moderate pervasively oxidized GRD with strong phyllic alt GRD cross cut by dark grey smoky Qz veins and veinlets. Large Qz veins oriented at 90°, veinlets all orientations-netted. Blebs of Gn, honey brown Sp and Py
			40.95	41.00	0.05	VEN	ORWH	BN	m						VN	65											Orange/white milky Qz with minor white soft translucent mineral-gypsum? Barite? Phyllic altered GRD in between
			47.95	48.42	0.47	GRD	GRLT	EN	wm																		Weak to moderate phyllic alt. GRD envelope. Metallic sericite and trace disseminated Py
								DI											t	t							
			48.14	48.16	0.02	VEN	GYWH	BN				w			VN	80											Bands of: smoky Qz, orange/white milky Qz (minor brecciated texture in milky QZ-clasts are clear Qz). Blebs of Py and veinlet of honey brown Sp
							OR	VT											t	t		w					
48.42	48.73	0.31				BXA	GYGR	BX	wm										w	w				To	w		Matrix supported breccia with <1-10cm sub angular clasts of wm phyllic altered GRD, xenolith (10cm). Disseminated Py and fine grained anhedral To. Irregular blebs of white/pink milky Qz, silver metallic sericite
							MD																				
48.73	65.48	16.75				GRD	GRGY	MG				wm	pro	w													Weak propylitic altered GRD with subintervals of alteration envelopes around veins. Oxidation in fractures, pervasive in alteration sub intervals.
							DK																				
			48.73	50.61	1.88	GRD	GRLT	EN	wm				pro	m													Weak to moderate (75%) phyllic altered envelope with (25%) moderate propylitic alteration around a 40 cm envelope around vein:
									75					25													

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			49.34	49.50	0.16	VEN	GROR	BN	s		s				VN	55								Sp	w		Silic flooded banded vein with orange/white milky Qz, translucent smoky Qz, strong phyllic altered GRD (in between veins), white Cb vein, soft white mineral (non carbonate) breccia. With 1-3mm sub angular clasts. Fractured vein with orange gauge filing. Disseminated Py and blebs of Gn and Sp in a white Qz veinlet
							WH	BX																Gn	w		
								DI											w	w							
			53.65	55.55	1.90	GRD	GRLT	EN	wm			m															Weak phyllic enveloping a Qz vein with moderate pervasive oxidization in vein zone
			54.43	54.56	0.13	VEN	ORBN	BN							VN	70			t	t							Orange/brown translucent Qz dominated and banded white/orange chalcedony band grey/white translucent Qz. Very trace disseminated Py
								VU																			
			55.96	58.85	2.89	GRD	GRLT	EN	m	w																	Moderate phyllic altered (80%) GRD with minor argillic (kaolinite) alteration envelope around:
			57.76	58.08	0.32	VEN	ORWH	NT	s						VN	80-90				m	t		t			x	Banded, netted, and breccia vein. Netted veins are orange white milky Qz cross cutting grey/white translucent Qz veins and strong phyllic GRD. Minor smoky Qz netted veins. Blebs of pyrite exist in grey/white translucent Qz with Py disseminated. Matrix is orange/white milky Qz.
							GYGR	BX																			
							BK	BN																			
			58.38	58.40	0.02	VEN	ORWH	BN							VN	90			w	w							Orange/pink/white banded chalcedony vein in filled with smoky Qz, and disseminated Py
							DK																				
			58.47	58.48	0.01	VEN	GRWH								VN	85			l	l		m					Grey/white Qz with disseminated Py and blebs of honey brown Sp. Orange/white chalcedony veins present
			61.29	62.37	1.08	GRD	GRLT	EN	wm			w			VT	70-90	<1	7	t	t							Weak to moderate phyllic altered GRD envelope, oxidation in fractures and 3mm pervasively from. Milky orange coloured Qz/Cb veinlets.
			61.84	61.94	0.10	VEN	WHSI	VU							VN	85			60	ms	t	ms	40				Massive Gn, honey brown Sp, Py and trace As with vuggy orange/white chalcedony, some vugs filled with grey/white Qz, Gn and Sp

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
							BL	BN																			
								MA																			
			64.58	65.24	0.66	GRD	GRLT	EN	wm						VT	65		2					t				Weak to mod phyllic envelope with Cb veinlets
			65.14	65.15	0.01	VEN	BNGY	BL							VN	85			20	f		s	w				Grey/white Qz with blebs of honey brown Sp>Py>Gn
65.48	76.21	10.73				GRD	GYMD	MG																			Unaltered GRD
76.21	96.87					GRD	GYGR	MG					pro	wm	VT	5-80	<1	<1									Weak to propylitic altered GRD with infrequent Qz/Cb veinlets. Subintervals of weak alteration
							MD																				
			79.24	79.57	0.33	GRD	GRDK	EN	wm				pro	s	VT	70		2	t	t		t					Strong propylitic (dark green patches) and weak phyllic (light green patches) enveloping orange/white milky Qz and Cb veinlets (2). One has Sp and Py blebs in grey/white Qz
							LT																				
			80.03	80.57	0.54	GRD	GRMD	EN	wm				pro	m	VT	60	<1	3		t				He	t		Weak to moderate phyllic altered GRD with mod propylitic altered envelope with trace disseminated Py, blebs of Gn, honey brown Sp. 3 orange/white milky Qz
								DI																			
			81.40	82.23	0.83	GRD	GRMD	EN	wm				pro	w	VT	60	<1	3						He	t		Weak to mod phyllic and weak propylitic GRD envelope with orange/white milky Qz veinlets. Enveloping a vein.
								DI											t	t							
			81.76	81.93	0.17	VEN	GRGY	BX							VN	75			t	t				To	t		Banded orange/white chalcedony veins in filled with white netted Cb veinlets. Veins contain brecciated clasts of strong phyllic alt GRD. Trace disseminated Py and To
							ORWH	NT																			
			83.25	83.52	0.27	GRD	GYMD	MG		m																	Moderate montmorillonite/argillic alt GRD, fractured
			84.31	86.64	2.33	GRD	GRLT	EN	25	10			pro	m	VT	75		<1	t	t	t	t					Patchy mod propylitic, weak/mod argillic, weak to mod phyllic alt GRD enveloping Gn, honey brown Sp and Py veinlets. Also orange/white milky Qz and smoky Qz veinlets (2/m)
							DK		wm	wm				65													
			89.78	90.06	0.28	FLT?	GRD	FR							FR	25											Shallow fractured GRD with Cb infilling fractures

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			90.09	96.07	5.98	GRD	GRLT	EN	s						EN	90			n								Strong phyllic envelope with weak phyllic sections (no disseminated Py) around a sulphide rich vein
			95.36	95.48	0.12	VEN	BRBL	NT			s				VN	90			50	20	t	ms	25				Grey/white translucent Qz cross cut by massive Py, honey brown Sp, Gn and trace As. Orange/white milky Qz netted veinlets with vugs containing rose euhedral crystals, smoky Qz matrix breccia with sub angular clasts of 1mm-2.5cm (with Py disseminated and blebs in clasts) of strong phyllic alt GRD
							SI	VU																			
								BX																			
								MA																			
96.87	150.42	53.55				GRD	GYMD	MG																			Relatively unaltered GRD ~15% very weak propylitic subintervals of phyllic/argillic envelopes around veins:
			101.59	101.77	0.18	GRD	GRMD	EN	w				pro	m	VT	70	<1	2	t	t		t					Weak phyllic and mod propylitic alt GRD enveloping 2 veinlets: one yellow/white milky chalcedonic with 1-3mm angular clasts of phyllic altered wall rock. Second grey/white translucent Qz hosting disseminated Py and honey brown Sp
								DI																			
			106.72	107.06	0.34	GRD	GRMD	EN	m				pro	wm													Med green w-m propylitic altered with mod phyllic altered GRD, trace disseminated Py enveloping a vein:
								DI							VT				t	t							
			106.93	106.95	0.02	VEN	WHPK	BN							VN	45				ms		f	t				White/pink Qz/Cb vein with carbonate in filling chalcedony
			112.76	113.04	0.28	GRD	GRLT	EN	wm				pro	wm	VT	80	<1	3									Med green weak to moderate propylitic and phyllic altered GRD enveloping 3 veinlets. One pink/white chalcedony with white Cb in filled. 2 are grey/white Qz. Trace Py, Sp, and Gn
								DI												t		t	t				
			113.34	113.50	0.16	GRD	GRLT	EN	wm				pro	wm	VT	90	<1	1		t		t	t	Se	t		AS above, 1 orange/white milky Qz netted veinlet ~90°

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			116.31	117.00	0.69	GRD	GRDK	EN		50			pro	50	VT	65								Cb			Clay (montmorillonite) alt and weak propylitic altered Cb veinlets and Cb flooding. 15° VT of grey-white Qz and Py, crystalline blackjack Sp
										m				w	VT	15				t				Sp	t		
			118.12	118.86	0.74	GRD	GRLT	EN	ms				pro	ms					n								Moderate-strong propylitic/phyllic altered envelope No sulphides
			118.54	118.75	0.21	VEN	WHBR	VU							VN	~90		1	35-4	s	w	s	s				Vugs (up to 1.5cm wide) of white/pink chalcedony filled with euhedral (up to 1--1.5cm) crystalline calcite. Bands of grey/white translucent Qz overprinted by sulphidation of massive crystalline Py, Gn, Sp and As (disseminated fine grained) Py>Gn>Sp>As
							BL	BN																			
								MA																			
								XT																			
			124.75	125.14	0.39	GRD	GRLT	EN	wm				pro	w					t	t			t	Se	t		Weak to mod phyllic and propylitic altered GRD, metallic sericite and trace disseminated Py. 2 grey/white translucent Qz veinlets (where the disseminated Py exist)
																								He	t		
			128.32	128.90	0.58	GRD	GRLT	EN	wm				pro	wm										He	t		Weak to mod phyllic and propylitic altered green (dark and light patches) envelope. He replacing mafics, trace secondary Bt
							DK																				
			128.68	128.73	0.05	VEN	GYBN	BN							VN	80			ms	f		m	f				Banded vein of grey/white translucent Qz hosting disseminated Py and blebs. Bands or veinlets of honey brown and 1-3% blackjack Sp with blebs of Gn. Veinlets of smoky Qz
							BR																				
			129.24	129.68	0.44	FLT?	GYMD	MG							FL	40											~40° Fault? Relatively unaltered, but crumble GRD
			134.01	135.90	1.89	GRD	GRLT	EN	60	15			pro	25					n								Mostly phyllic, some clay (montmorillonite) and propylitic altered GRD envelope. Enveloping 2 smoky Qz and white/pink chalcedony veins:
										wm																	
			134.38	134.42	0.04	VEN	WHGY	BN							VN	88			f	f			t				2cm white/pink chalcedony vein with middle 1 cm in filled with white carbonate. Adjacent to this vein is disseminated Py and Gn in veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			135.13	135.19	0.06	VEN	GYWH	NT							VT	70				t			t				White/pink and white Qz/white Cb-brecciated texture- with smoky Qz. Main veinlets run at 70°. Disseminated Py and Gn
								BX																			
								VU																			
			137.69	138.24	0.55	GRD	GRLT	EN	wm				pro	wm	VN	55			t	t							Weak to moderate phyllic and propylitic alteration around a:
								DI																			
			137.83	137.91	0.08	VEN	WHPK	BN							VN	60				w	t?	t	t				Orange/white banded chalcedony vein with white Cb in filled. Some St? In the calcite filled vugs. Trace sulphides, very silver As.
							OR	CR																			
			142.80	143.56	0.76	GRD	GRLT	MG	ms				pro	ms	VT	30								He	t		Light green propylitic and phyllic altered GRD, no vein in middle, but 2 Py veinlets 30-45° cross cutting each other
								EN?																			
			144.04	145.63	1.59	GRD	GRLT	EN	m	20			pro	m													Green, moderate phyllic and propylitic altered GRD with 20% kaolinite alteration. 3 veinlets: 2 are grey/white Qz bearing Py and St?; 1 is white/pink chalcedony. Trace disseminated Py and St? In interval
										m																	
								DI							VT	65	<1	3		t		t					
150.42	170.00	19.58				GRD	GRGY	MG					pro	w	FX	0-35		4									Weak propylitic altered GRD with frequent fractures in filled with Cb flooding. Subintervals of alteration envelopes
							DK																		Cb		
			156.20	156.37	0.17	FLT?	GRGY								FL?	65											Crumbled GRD; fault?
			156.44	156.71	0.27	GRD	GRGY						Cb	s	FX	45											Cb flooded, altered GRD, friable, FLT?
			156.89	158.06	1.17	GRD	GRLT	EN	wm				pro	wm	VT	0-90	<1	4									
								DI												tw				To	tw		Weak to moderate propylitic and phyllic altered GRD envelope with t-w disseminated Py and To. Silver/metallic sericite. To, Py, Qz veinlets at 30-90°. To is trace disseminated and euhedral. Envelope a Qz, Fd? And to dyke:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			157.34	157.47	0.13	FEL	GYMD	FG							DK	80		1									To, Fd, Qz dyke with disseminated Py and blebs. Crosscuts by Cb/Qz veinlets at 60°. Cb/Qz veinlets have disseminated Py and blebs. Down hole contact between DK and GRD is netted Cb veinlets for 5cm. Top contact is sharp.
								DI												w				To	w		
								BL																			
															VT	0-80				w							
			162.56	163.12	0.56	GRD	GRMD	EN	wm				pro	m	VT	60			n								Moderate propylitic altered GRD and w-m phyllic altered GRD envelope around a vein:
			162.65	162.71	0.06	VEN	BKWH	BN							VN	55				ms	ms		t				Bands of veinlets: white, milky Qz, grey/white translucent Qz, smoky Qz, As, and Py veinlets. Disseminated Py and As throughout. Trace Gn.
							GR																				
170.00	180.26	10.26				GRD	GYMD	MG					pot?	w													Relatively unaltered GRD, pink and white Fd present. Slight pot overprinting
180.26	208.81					GRD	GRGY	MG					pro	wm	VT	0-40		<1									Weak to mod propylitic altered GRD with infrequent Cb veinlets. Infrequent Py veinlets at 70-90° with dark black/green mineral To? Disseminated Py adjacent to veinlets up to 5cm
							M																				
															VT	0-90	<1	<1		t				To	t		
			181.73	182.72	0.99	GRD	GRLT	EN	wm				pro	wm	VT	65		1						He	t		Light green weak to moderate phyllic and propylitic alt GRD enveloping a Qz/Ch vein. Veinlets are 65° Cb and 25° dark green with disseminated Py (some red pyrite)
															VT	25		1									
			182.18	182.22	0.04	VEN	ORWH	BN							VN	75				w			t			x	Orange/white chalcedony vein with colourless, transparent Qz crosscutting chalcedony with 1-3mm angular breccia Ch clasts. Vein is cut by a shallow 30° Cb/Qz veinlet with trace Gn. Vein cross cuts a Py and Gn veinlet-see photo
								BX																			
			183.55	183.74	0.19	GRD	GRLT	EN	m						VT	55				w							Mod phyllic envelope with silver metallic sericite. Disseminated Py and blebs. White/pink QZ/Cb veinlets and Py veinlets
			190.93	191.20	0.27	GRD	GRLT	EN	wm				pro	wm					n								Light green weak to moderate phyllic/propylitic altered GRD envelope around a vein:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			191.04	191.05	0.01	VEN	WHGY	BN							VN	88	1			w							Banded white/pink chalcedony and grey/white translucent Qz with disseminated Py.
								DI																			
			191.44	195.02	3.58	GRD	GRLT	EN	35	10			pro	55						w				St	w		Light green envelope of gradational altered GRD. Most propylitic with some parts having kaolinite alteration. Phyllic altered GRD envelopes around veins. Frequent sulphide stringers. Frequent netted white/orange chalcedony veinlets and veins. Disseminated Py and St throughout darker green phyllic envelopes adjacent to veins.
								NT							VT		<1	>10									
															VN	5-90	1	3									
			192.24	193.18	0.94	GTD	GRMD	EN	s											m	t			St	f		Strong phyllic envelope with 5-7% disseminated and blebs of Py. Netted white/orange chalcedony in filled with Cb. Often Py in VT with St and As. Minor vugs in Ch veinlets. Grey/white translucent Qz veins filled with Py (2/m)
								NT							VT		<1										
								VU																			
															VN	5-85	1	2		50							
			193.08	193.14	0.06	VEN	GYDK	BN							VN	90				l	w		t	St	w		Banded dark grey sulphides (St? And As) and bands of grey/white translucent Qz with Py blebs, Gn blebs. Brecciated grey/white Qz clasts within the dark grey sulphide bands
								NT																			
								BX																			
			194.16	194.28	0.12	GRD	GRMD	EN	s						EN	90				t				St	t		Strong phyllic envelope with trace disseminated Py and St
								DI																			
			194.20	194.24	0.04	VEN	GYBR	BN							VN	90				40			w				Banded veins of grey/white Qz, white/orange chalcedony, and blebs of Py
			194.60	194.83	0.23	GRD	GYMD	EN	s						VT	80	<1	1		w							Strong phyllic envelope around a chalcedony veinle with blebs of Py
								DI																			
			199.27	199.71	0.44	GRD	GRLT	EN	m				pro	m													Moderate propylitic and phyllic altered GRD enveloping a banded vein of white/orange milky Qz, grey/white translucent Qz, Sp and Py blebs
								BN							VN	70				w			w				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			200.72	200.80	0.08	APL	PKGR	FG							DK	50											Mottled pink/green aplite dyke @50
								MO																			
			201.54	201.69	0.15	GRD	GRLT	EN	wm				pro	w						t							Light green phyllic and propylitic altered GRD with a Py, Sp, grey/white Qz veinlet in middle
															VT					w			w				
			204.45	204.53	0.08	APL	PK	FG					pro	ms	DK	60											Pink aplite dyke at 60°
208.81	263.00					GRD	GRGY	MG					pro	wm													Frequent vein zone with majority phyllic/propylitic/argillic envelopes around veins. Remainder is weak-moderate dark GR/GY propylitic altered GRD
							DK																				
			208.81	209.53	0.72	GRD	GRLT	EN	wm				pro	wm						t				St?	t		Light green weak to moderate propylitic and phyllic altered envelope around a vein: trace disseminated Py and St?
								DI																			
			209.04	209.08	0.04	VEN	BLBK	BN							VN	80				f	w	w	l				Banded white vuggy chalcedony (fractures at vugs), GN band and blebs of Py, Sp and As
							WH	VU																			
			211.61	215.79	4.18	GRD	GRLT	EN	w	m			pro	w	VT	5-90	<1	3									Weak phyllic/propylitic and moderate kaolinite clay alteration envelope around 4vines. Ch/Qz veinlets
			211.85	211.98	0.13	VEN	WHPK	BN							VN	85				ms	f	f	w			x	White/pink chalcedony rich banded vein around elongated (up to 2cm) narrow, steep angle rhombohedral. Calcite crystals. Calcite crystals pre-existed the chalcedony bands, as bands grow around XT's. Vugs in the chalcedony have euhedral rose crystals. Sulphide bearing grey/white translucent Qz pre exists calcite and chalcedony. Calcite twinning. Sulphides exists as blebs in grey/white Qz veins. Py>Sp>As>Gn.
								XT																			
								VU																			
			213.73	213.83	0.10	VEN	BRWH	BN							VN	70				w	w	30	w				three 1.5 cm grey/white translucent Qz filled (80%) with honey brown and blackjack Sp>>Py>As>Gn. Cross cut by white/orange chalcedony in filled by Cb

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			214.84	214.88	0.04	VEN	GYSI	BN							VN	70				t	l	l					Grey/white Qz vein, ~80% filled with honey brown Sp and rimmed with veinlets of fine grained XT As
								XT																			
			215.05	215.50	0.45	GRD	GRGY	VN	s						VT	80	<1	20+		m	w	t	t				Strong phyllic altered subinterval with very frequent (20/interval) veinlets, some netted white/orange chalcedony, smoky Qz and As veinlets. 5-7% disseminated Py
			216.44	217.08	0.64	GRD	GRLT	EN	w				pro	wm	VT	70				t		t		He	t		Weak phyllic/propylitic altered envelope around a white and smoky Qz veinlet with Py and honey brown Sp veinlet
			217.64	218.98	1.34	GRD	GRLT	MG					pro	s	VT	5-90	<1			t							Strong epidote coloured propylitic altered GRD. Frequent veinlets of grey/white Qz and Ch in 45-85 in both orientations. Trace disseminated Py from Py veinlets
								EN																			
			219.25	219.72	0.47	GRD	GRLT	EN	w				pro	ms						t	t						Moderate/strong propylitic / weak phyllic altered GRD, trace disseminated Py and As. Grey/white Qz vein with honey brown Sp and Py blebs.
			219.48	219.49	0.01	VEN	WHBR								VN	70				s			30				
			220.40	220.68	0.28	GRD	WHPK	MG		s					VT	75				t							Kaolinite altered GRD with Py veinlets and trace disseminated Py
								EN																			
			221.30	221.85	0.55	GRD	GRLT	EN	wm				pro	wm	VN	0-90		2		w		w	w				Weak to moderate propylitic/phyllic altered GRD with 1-3% disseminated PY adjacent to veins. 2 veins: 1) Pink/white chalcedony NT textures 2) Grey/white dark Qz with Sp, Gn and Py
			222.84	223.06	0.22	GRD	GRLT	EN	wm				pro	w	VT	90			n								Weak phyllic/propylitic altered GRD around a white/grey Qz veinlet
			223.51	224.19	0.68	GRD	GRLT	EN		w			pro	s													
															VN	75				w			t				Light green strong propylitic and weak argillic envelope. Py veinlets infrequent. One grey/white vein with Py and trace Gn?
			225.69	226.12	0.43	GRD	GRLT	EN		w			pro	s	VT	75	<1	2		w		t					As above 223.51-224.19

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			226.47	233.86	7.39	GRD	GRLT	EN	ms	w					VT	75-80	<1	10		w							Light green patchy mod-strong phyllic dominated altered GRD with areas lacking disseminated Py but similar mineralogy-argillic?/propylitic? Frequent Py stringers, orange/white Ch veinlets. 2 main veins:
								PA																			
								DI												w							
			227.22	227.53	0.31	VEN	BKBR	MA							VN	60				50	w	m	ms				Bands of massive, crystalline Py/Sp (honey brown), smoky Qz, grey/white translucent Qz, orange/white milky Qz, veinlets of Gn, As, white Qz, clasts of phyllic altered GRD. Blebs of Py, and Gn present in slight breccia texture whereas massive Py/Gn/Sp/As are in Qz vein areas
								XL																			
								BN																			
								BX?																			
			230.07	230.14	0.07	VEN	PKWH	BN							VN	60			n								Banded pink/white Ch with smoky Qz filling (previous vugs?) and broken Ch veins into fragments. Ch vugs exist with no smoky Qz in filling. Crystals have rose texture
								VU																			
			234.98	235.26		GRD	GNPK	EN		m			pro	w													
								DI												t							Light to dark green, with pink feldspars envelope o med grained mod argillic and weak propylitic altered granodiorite with traces of hematite and quartz stringers
			235.40	235.44		VEN	GNWH		s						VN	65	1			ms							Dark green phyllic altered envelope with 0.5-1cm Qz vein with stringy blebs of pyrite
			240.87	241.61		GRD	GNWH		ms	m			pro	w	VT	90	0							Qz/Cb?			Dark and light green, beige, pink mod-strong phyllic altered, weakly propylitic, moderate argillic alt envelope with increase in Qz veinlets (Cb too?) running sub vertical to 30°
								BL							VT	30	0			w				Qz/Cb?			
								DI																				
			243.08	243.85		GRD	GNLT		m				pro	w	VT	50	0										Dark and light green moderate phyllic altered weak propylitic alt GRD with sub vertical to 50° Qz and Cb veinlets and stringers 0.1mm-0.5mm thick. Larger veinlets have strong phyllic alt and disseminated to blebby pyrite (moderate proximal to veins)
								BL							VT	90	0			f				Qz/Cb?			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								DI												f				Qz/Cb?			
			245.83	254.19		GRD	GNLT	EN	s	m			pro	m	VT	0-60	0	5						Qz			Light green with lesser amounts of beige and dark green envelope of strong phyllic alt bound by zone o argillic alt. Phyllic zone contains Qz veinlets and two larger Qz veins as well as two breccia zones-faults?
							BGBK								VT	80	4-30	0.2						Qz			
								MA												t			t				
			245.83	247.27		GRD	GNLT/DK		m	ms			pro	m	VT	50	0	11		t							Greenish beige zone of mod-strong argillic alt GRD with transition to mod propylitic alt GRD and mod phyllic alt GRD moving down hole. Pyrite stringers moderately abundant
							BG																				
			247.27	247.52		GRD	GNLT		s						VT	85	2-0.4	11									Light and dark green banded zone of phyllic alt GRD with frequent pyrite stringers to massive pyrite veinlets, and milky Qz veinlets
								DI												w							
								MA							VT	50	1			t							
			247.52	247.67		VEN	BK		w						VN	90	13										Black, white, greenish 13cm wide vein of slightly netted grey white Qz and black microcrystalline Qz? With traces of phyllic alt GRD. Disseminated to blebby Py found throughout
							GNDK																				
								DI												s							
			247.67	250.20		GRD	GNDK		s						FT?	?	13										Greyish green zone of phyllic alt GRD with disseminated Py. Top of interval breccia with sub angular clasts of GTD. Interval alt to clay? Fault? Stronger phyllic alteration down hole with Py stringers and a vein of black microcrystalline and milky Qz with coarse clots of Py and disseminated Py. GRD plagioclase often altered to clay
							GY																				
								DI												ms							
								BL												m							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			250.20	250.58		VEN	BKGNDK		s						VN	90	36										Black dark green, white and whitish pink vein zoned with slightly vuggy grey white Qz vein 2-3 cm wide containing disseminated and blebby Py, blebby Sp and Gn; 0.2-2cm discontinuous vein of pinkish white chalcedony, slightly netted, no visible mineralization within; zone of Qz veinlets in strong phyllic alt GRD; ve3ins of black microcrystalline Qz with disseminated Py. 10 cm of grey white and black microcrystalline Qz with massive Py <1cm thick and massive Gn < 0.7cm thick. Veining shows sharp contact down hole.
								MA												s		ms	ms				
			250.58	251.76		GRD	LTGR	EN	s						VT	60	0	8									Light green strong phyllic alt massive GRD with occasional milky Qz and smoky Qz veinlets sub vertical to 50°
			251.76	254.19		GRD	LTGN		ms	m					VT	60	0	0.5									Light green to light beige pinkish coloured (down hole) massive GRD with mod phyllic and weak argillic alteration. Veinlets of milky Qz are shallow and vertical (tca). Shallow veinlets contain massive Py
								DI							VT	35	1			t							
								MA												t							
			256.86	256.95		GRD	GNLT	EN	ms						VN	55	1										Qz/Cb vein with phyllic envelope. Light green mod phyllic alt envelope in massive GRD. Milky white Qz/Cb vein with massive pyrite dips 55°. Vein ~1cm thick at 256.92m intervals
								MA												m							
			260.91	261.41		GRD	LTGNBG		ms	m			pro	m													Beige and black flecked weakly phyllic alt, moderately argillic alt zone of massive GRD with stronger phyllic alt and moderate propylitic alt moving down hole. Qz veinlets increase down hole and contain disseminated Py
															VT	80	1										
								DI												f							
			261.41	261.66		VEN	BKGR																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
						BXA		BX	ms	w					VN	80	<6			f	f	w					Sulphide veins and breccia zone. Light to dark greer and black zone of Qz/Cb veins ranging in thickness (0.1-4cm). Veins are chalcedonic in places with pinkish colour and carbonate in filling and contains acicular arsenopyrite and blocky Sp? (minor) and blocky Py. Other veins are grey white Qz with Cb rims, no mineralization. Minor breccia zone with sub angular clasts of phyllic alt GRD, massive fine grained Qz, massive med grained Py in a black crystalline matrix.
						GRD																					
															VT	25	0									
263.00	271.69					FEL	LTGN	PO		w																	Weak clay altered Qz-Fd PO DK. Light green to reddish massive, porphyritic Qz-Fd dyke. Plagioclase phenocrysts 0.5-2cm and altered to clay. Overall weak clay alt with 2 strongly altered intervals down hole
271.69	277.16					GRD	LTGN		m				pro	m						f			w				Moderate phyllic alt GRD with breccia zones Light/pale/dark green moderate phyllic alt to mod prop al GRD with occasional Qz/Cb veining and sulphide mineralization also short black breccia zones
							DKGR																				
								BX																			
			271.16	271.91		VEN	LTGY								VN	90	26			s			f				Grey white Qz veins with breccia. Grey/white Qz vein with disseminated to massive Py and coarse blebs of Gn. Dark grey veinlets present-sulphides? Qz slightly vuggy. Vuggy Cb veinlets. Black breccia zone <2cm thick with sub angular massive grey white Qz clasts and black crystalline matrix. Disseminated Py throughout breccia
															VT	50	<0.6	20									
								BX																			
			271.91	275.20		GRD	GN		ms				pro	w													Mod phyllic alt to prop alt GRD with 2 breccia zones and Qz/Cb vein with sulphides. Greenish yellow to dark green mod-strong phyllic alt GRD with 12 cm of black breccia with disseminated to blebs of Py. Pinkish, white, black chalcedonic and smoky Qz vein with pyrite stringers (5cm) dipping at 60° at 273.30m. Bottom third of interval prop al GRD with Qz and Py stringers
			272.19	272.31		BXA																					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			274.07	274.30		BXA																						
			273.30	273.55		VEN									VN	60	5			m								
			276.48	276.62		VEN	WH								VN	70												Qz vein with sulphide mineralization. Vein of grey/white Qz within envelope of strong phyllic alt GRD. Coarse clots to massive Py and blebs of Gn found within vein. Clay alt down hole
								MA												ms			m				
277.16	277.57					FEL	GN	PO		w														He	t		Qz/Fd PO DK. Medium green, massive PO DK with occasional hematite grains. Weak clay alt, feldspars clay alt
277.57	292.93					GRD	LTGN																					
							PKGN		ms				pro	w														
															VT	40	0			m							Phyllic-propylitic alt GRD. Light green/yellow to dark green with pink spotted zone of mod to strong phyllic alt GRD with weak propylitic overprinting? Down hole. Phyllic zone contains med grained disseminated hematite abundant with pyrite mineralized milky Qz veinlets increasing down hole. Sheared? Qz-Fd PO DK from 278.44-278.54m
			278.44	278.54		FEL	GRTN	PO		wm					DK	45												10cm FEL PO DK intruding GRD with clay alteration and flow banded texture
								FL																				
			279.47	280.13		GRD	GRDK	MG	s?		s?		pro	s														Strong propylitic alt GRD, abundant dark green chlorite? And patches of silic flooded or phyllic alt GRD. 1 30cm phenocryst (meta intrusive?)
			280.65	280.77		BXA	GYBK	BX							DK		78			f			t					Dark grey/black breccia with angular to sub angular clasts of strong phyllic alt GRD, fabric of smaller clasts <0.5cm aligned parallel to contact. Smaller Fd rich clasts are elongated, whereas Qz rich ones only slightly. Breccia is clast/matrix supported, ~50 clasts, ranging from 1mm-3cm
								BL																				
								DI																				
			280.77	280.85		FLT	GRLT	SH		s					FT	78												Fault/fractured GRD, very friable, crumbled, sheared texture
						GRD																						
			281.33	281.75		GRD	GRLT	VN	wm						VT	75	<1											Weak phyllic altered GRD with frequent -7- grey/white Qz VT with blebs of Py

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								DI												w							
			284.35	284.67		GRD	GRLT	EN	w?		s									w				He	w		Silic flooded/weak phyllic altered GRD enveloping an orange white milky Qz in filled with white Cb. Crystalline hematite replacing Mg? 1-3% disseminated Py in patches and filling microveinlets
															VT	85							Qz	Cb		
			285.54	285.83		GRD	GRLT	EN	w				pro	s													
								DI							VT	85	<1	3		tw				He	w		Weak phyllic and strong propylitic alt GRD enveloping 3 veinlets. Veinlets are grey/white Qz rich, one with orange milky Qz. All have disseminated-blebby Py
								BL																			
			286.40	286.68		GRD	GRLT	EN	w				pro	s	VT	70	<1	3		tw				He	t		As described in 285.54-285.83
			287.06	287.42		GRD	GRLT	EN	w				pro	s	VT	70		1		tw				He	t		As described in 285.54-285.83
			291.29	292.93		GRD	BGGR	EN			m				VT	30-90		<1						Qz			Mod argillic (kaolinite) alt GRD with three 15.0cm patches of propylitic alteration. Orange/white milky Qz veinlets
							LT	MG																			
292.93	299.83					FEL	GRTN	PO		wm			pro	m	VT	70-85		2						Qz			Top 30 cm potassic/clay alt GRD grading to green propylitic and becomes tan down hole. Smokey Qz and Ch veinlets
													pot	m	VT	45		3						Ch			
			294.49	294.57		FLT?	GRTN	SH							FT	75											Sheared fault at 75°
			294.04	294.05		VEN	GYDK	BX							VN	75											Smokey Qz vein with sub angular clasts of surrounding dyke
			298.64	299.00				NT							VT									Ch			Sub interval of netted Ch veinlets
299.55	299.90					C	GRTN	FL								90										X	Contact between FEL PO and GRD. Porphyry is flow banded with sheared texture on direct contact between FEL and GRD
			299.77	299.90		BXA	GYGR	BX											n								Grey green breccia with fine-medium grained matrix with sub angular clasts of FEL PO and GRD. FEL>GRD. Matrix supported. No mineralization

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
299.90	346.24					GRD	GRGY	MG					pro	w													Weak propylitic alteration of GRD with w-m potassic overprinting. Sub intervals of alteration
							MD						pot	wm													
															VT	5-85	<1	1		t				Qz			Grey/white Qz with Py (1/m) veinlets
			299.90	301.34		GRD	GRMD	EN	w?				pro	s						t							Strong propylitic alt GRD with trace disseminated Py adjacent o Py veinlets
							LT	DI																			
								NT																Ch			Netted orange/white milky Qz veinlets with minor grey/white Qz
			303.97	305.26		GRD	PKGR	EN					pro	s													Strong propylitic alt GRD-epidote present-with strong potassic overprinting
							BG						pot	s													
															VT	90	<1	4						Qz			Smokey Qz veinlets
															VT	5-90	<1	1						Ch			Orange/white Ch veinlets
															VT	10	<1	1						Cb			White Cb veinlet
			306.03	306.24		GRD	GRMD	EN	wm				pro	m	VT	75	<1	3		t				St	t		Mod propylitic alt GRD with weak phyllic alteration as disseminated Py and very trace St exist pervasively
								DI																			
			312.61	321.04		GRD	GRLT	EN	wm				pro	wm													Patches weak to mod phyllic and weak to mod propylitic with <10% patches of argillic up hole of interval
				.				VN																			Veiny zone with frequent grey/white Qz and orange/white milky, netted Qz, minor vugs
								BL-DI							VT	5-90	<1	7		t				Qz			
								NT-VU							VT	5-90	<1	5		t?							
			314.78	315.07		VEN	GYWH	BN			s				VN	5-95											Grey white Qz and massive crystallized Py dominated banded vein with orange/white Ch in filled by grey/white Qz
								MAXT												35	w	w					
								NTVU																			
			316.86	316.90		VEN	GYWH	BN			s				VN	90				w							Grey white Qz and orange milky Qz with curvilinear bands of each. Discontinuous blebs of Py
			317.79	317.84		VEN	WHGY	SP			s				VN	88				w		w	w				White grey Qz vein with 0.5cm orange milky Qz breccia down hole side of vein. White grey Qz with spots of orange/white milky Qz, honey brown Sp, Py and Gn
								BX																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			318.82	318.88		VEN	GYBR	BN							VN	80											Grey/white Qz dominated vein with netted orange/white milky Qz (cross cutting grey/white Qz)
							WH	NT																			
								DI BL												w			w	St	t		Disseminated to blebby Py, trace Gn and S
			320.17	320.19		VEN	BNWH	SP							VN	65				f		s	t				Grey/white Qz and orange/white milky Qz veins with spots of honey brown Sp, Gn and Py
			320.26	320.28		VEN	BNWH	SP							VN	65				f		s	t				Grey/white Qz and orange/white milky Qz veins with spots of honey brown Sp, Gn and Py
			322.21	322.40		GRD	GRLT	EN	wm				pro?	wm										St/H	t		Light green envelope of phyllic and propylitic alterec GRD with trace disseminated St? Or He? Around a grey/white Qz dominated vein with a string of orange/white milky Qz veinlet. Blebs of honey brown Sp and trace Py
								DI							VN	70				t	s						
			326.92	327.73		FLT	GYGR	SH							FT	23								Cb			Faulted GRD with 23° fractures in filled with Cb
							PK																				
			329.17	329.64		FLT	GYGR	SH							FT	40								Cb			Faulted GRD with 40° fractures in filled with Cb
			330.59	336.11		GRD	WHPK	MG		s					VT	50		10						Cb			White/pink strong argillic (montmorillonite) crosscut by white/chalky Cb veinlets. Cb flooded
			331.23	331.69		GRD	GRLTMD	EN					pro	s					n								Patchy light green/dark green propylitic altered GRD envelope
			331.44	331.53		VEN	GYWH	BN							VN	80				f				St	t		Bands of grey/white Qz, curvilinear bands of orange/white Ch. Discontinuous blebs of Py and trace St? Euhedral elongated calcite crystals exist in between Ch bands. Broken vein-true with not accurate
			336.11	345.70		GRD	GRLT	MG	m				pro	w													Pistachio green mod phyllic altered and weak propylitic altered GRD with 1-3% disseminated Py and trace St. Very broken rock, possible fault.
								DI												w				St	t		
			338.85	340.16		FLT	GRTN	SH							FT	30											30 cm recovery/1.31m run, sheared texture with 30° dip. Very clay rich, crumbled rock

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			345.70	346.24		GRD	GYGN	VN	s						VN	70											High concentration of veins within GRD ~40-50°. GRD is strong phyllic with 1-3% disseminated Py and trace Sp. Larger veins are grey/white Qz rich but 70-80% in filled with Py, Cp? And As (~30% of interval).
							BR	DI																Sp	t		
																				ms	fm			Cp?	tw		
								Box																Cb			White carbonate breccia vein (2), fine grained As veinlets ~5 (not with Py)
346.24	346.45					BXA	GYMD	BX							DK	70											Sharp contact with GRD (up hole) and FEL PO (down hole). Euhedral calcite crystals -slight breccia texture in top 3 cm. Calcite crystals exist throughout breccia intervals. Clasts are 2mm-3cm
								DIBL												w							
346.45	348.95					FEL	GRTN	PO																			Green/tan FEL PO cross cut by very frequent smoky Qz and white Qz veinlets
								NT							VT	65	<1	50									
348.95	351.48					GRD	GYGR																				Phyllic altered GRD, frequent vein zone; grey white Qz vein dominated with some orange/white milky netted veinlets. Grey/white Qz has blebs of disseminated Py, As, Sp (honey brown) and trace St. Veinlet commonly runs 60°. Vein:
								DI							NT	60				m	w	w		St	t		
			349.34	349.63		VEN	MT	MA			s?				VN	0-70				20	15	w					Grey white Qz behind massive sulphides in banded veins. Fine grained sulphides, disseminated Py and As mixed, massive. Blebs of Sp present
								XT																			
351.40	351.48					C	GYMD	BL			s?									ms	s						Contact between GRD and FEL PO similar appearance as the vein zone described in 349.34-349.63. Irregular blebs of As>Py in grey/white Qz
351.48	355.00					FEL	GRTN	PO		m			pro	w?													Patchy altered FEL PO cross cut by shallow, slightly netted carbonate veinlets. 353.59-354.61 shows flow banded texture at 35°
								FL							BN	35											
355.00						C	WH	SH																			Sheared, clay altered, crumbled clay altered contact

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
355.00	359.58					GRD	GYGR	MG																			Patchy phyllic moderate propylitic altered GRD with a weak potassic altered overprinting
								PA																			
			355.00	356.32		GRD	GYGR	VN	s						VN	0-90		8		ms		f					Veiny GRD; strong phyllic altered GRD crosscut by grey/white Qz, disseminated Py, blebs of honey brown Sp, and trace Gn. Veinlets of smoky Qz also present. One shallow vein at 355.40m
			355.40			VEN	BKBR	VN							VN	40	3					l		Cp	ms	x	Massive blackjack Sp and Cp veir
			357.43	357.85		GRD	GRLT	EN					pro	s	VN	90											
								BL												w		w					Strong propylitic altered GRD envelope around a grey/white Qz vein with blebs of Py and honey brown Sp
359.58	361.04					MAF	GRDK	PO							DK	75		TOP		ms							"Footwall dyke" mafic, aphanitic groundmass with dark green phenocrysts in filled with pyrite
								BL							DK	80		Bottom									
361.04	361.17					VEN	MTWH				s				VN	70				40		wf	9				Grey/white Qz vein with massive fine grained Py, blebs of honey brown Sp and Gn
361.17	398.04					GRD	GYGR	PA					pro	wm	VT	5-90	<1	3		t							Weak to mod propylitic alteration of GRD with weak potassic overprinting. Steep Qz veinlets, often bearing Py. Sub intervals of alteration:
								MG					pot	w													
			361.17	361.49		GRD	GRLT	EN	m				pro	m						wf		t					Light green propylitic/phyllic altered GRD just adjacent to vein and MAF PO contact. Disseminated Py and infrequent blebs of honey brown Sp
			362.86	363.56		GRD	GRLT	EN	w				pro	ms	VN	0-90	<1	2		w							Strong propylitic altered and weak phyllic? Altered GRD enveloping 2 grey/white Qz veinlets with Py
			366.34	370.43		GRD	GRLT	DO	ms				pro	m	van	0-65	<1	5		w							Light green strong propylitic altered GRD with patches of phyllic alteration. Frequent white milky Qz veinlets, often shallow-resulting in very broken core. Py with veinlets.
			366.50	366.52		VEN	GY	SH							VN	35	12			10							Grey/white Qz, sheared vein with disseminated Py
								DI																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			336.70	366.95		GRD	GYBK	NT							VT	0-60								To?	ms		Dark black/grey netted veins (To?) in GRI
							DK																				
			367.67	367.70		VEN	MTWH	BN							VN	90				w		w	t				Banded vein of grey/white Qz, white chalcedony (with vugs). Disseminated to blebs of Py, honey brown Sp, and Gn and blackjack Sp
								VN																			
			367.74	367.76		VEN	BRWH	BL							VN	90				40				Se	m		Grey white Qz with 40% massive Py, euhedral sericite (silver/white) along vein margin
			370.44	371.54		GRD	GR	VN	s						VT	80	<1	15		f							Strong phyllic veiny GRD with disseminated Py pervasively in veinlets (frequent)
			370.77	370.79		VEN	MT	BL							VN	60				50		30	10				Py, honey brown Sp, and blebby Gn in veir
			370.85	370.88		VEN	BN	MA							VN	60						90	10				Massive honey brown Sp and blebs of Gı
			371.13	371.19		VEN	WHBR	BN							VN	90				25							Smokey Qz and grey/white Qz with blebby pyrite
			371.46	371.50		VEN	ORWH	NT							VN	90				t							Netted orange/white milky Qz with trace disseminated PY
			375.55	376.02		GRD	GRLT	EN					pro	s	VN	80				w				St?	t		Strong propylitic altered GRD enveloping a grey/smoky Qz vein with blebs of Py
			376.65	378.75		GRD	GRLT	PA		w			pro	s	VT	5-90	<1	1						He	t		Patchy coloured (pink, green, pale green, chalky) GRD. Possible strong propylitic with argillic and potassic overprinting smoky Qz veinlets (1/m)
							DK						pot	w													
			380.56	381.04		GRD	GRMD	EN					pro	ms													Mod/strong propylitic envelope around a phyllic envelope with 1-3% disseminated Py enveloping:
			380.73	380.75		VEN	WHBR	BL							VN	90				40				Cp	w		Grey/white Qz vein with blebs of Py and Cp
			381.42	382.83		GRD	GRLT	DO					pro	s										To	15		Strong propylitic doppled, veiny GRD. Veinlets are slightly netted composed of dark and light grey Qz with blebs of Py. Disseminated and small blebs of To throughout.
								VN																			
			382.84	382.95		GRD	BKGY	VN			s				VN	45								To?	30		Netted To vein
								NT																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			385.75	387.06		GRD	PKGR	VN					pot	m	VT	0								To?	wf		Shallow To? Veins cross cut mod potassic altered GRD
			389.24	397.14		GRD	GRLT		w				pro	s	VN	80	<1	3		w							Light green strong propylitic and weak phyllic altered GRD with sub intervals of strong phyllic altered GRD. Py veinlets throughout (3/m)
			390.48	391.40		GRD	GY	DI	s											w							Grey, strong phyllic altered GRD with disseminated Py pervasively. Cross cut by a shallow, grey/white Qz vein, with 90% massive medium grained Py crystals
			391.71	392.85		GRD	GY	DI	s											w							As above
															VN	5	2			95							
			395.97	396.14		GRD	GY	DI	s											m							Strong phyllic altered GRD with 5-7% disseminated Py, no vein present
			397.14	398.04		GRD	PKGR	MG					pro	ms													Dark green/pink mod/strong propylitic altered GRD overprinting by potassic alteration
							DK						pot	ms													
398.04	419.40					GRD	GYMD	MG					pot	w	VN	85		1		t							Relatively unaltered GRD, may be weak potassic overprinting? As some feldspars are pink. Infrequent Py veinlets
			408.66	409.71		GRD	PKGR	PA					pot	m	VN	45	2			f				To?			Patches of mod, potassic alteration, stronger around To vein with Py replacing
			410.46	410.57		APL	PK	FG							DK	80											Aplite dyke
			410.14	410.17		APL	PK	FG							DK	85											Aplite dyke
			417.50	417.88		GRD	GRLT	EN					pro	s	VT	88				t							Strong propylitic envelope around a grey/white veinlet with trace Py
			418.12	418.33		GRD	GRLT	EN					pro	s	VT	88				t							As above, except veinlets is white/off white milky Qz
419.40	EOH																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-20

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	1.52	1.52		0		0	VS	SW		
1.52	2.74	1.22	0.51	42	0.00	0	VS	SW		
2.74	3.35	0.61	0.50	82	0.00	0	S	SW		
3.35	4.88	1.53	1.41	92	0.49	32	MS	MW		
4.88	6.40	1.52	1.58	104	0.35	23	MS	HW		
6.40	7.92	1.52	1.35	89	0.42	28	MS	MW		
7.92	9.45	1.53	1.58	103	0.38	25	S	MW		
9.45	11.89	2.44	1.73	71	0.00	0	S	HW		
11.89	14.02	2.13	1.91	90	0.77	36	S	MW		
14.02	17.07	3.05	3.05	100	1.34	44	S	SW		
17.07	20.12	3.05	3.00	98	1.38	45	VS	MW		
20.12	23.16	3.04	3.02	99	1.10	36	MS	MW		
23.16	26.21	3.05	2.97	97	0.55	18	MS	MW		
26.21	29.26	3.05	2.98	98	1.26	41	MS	SW		
29.26	32.31	3.05	3.02	99	1.66	54	S	SW		
32.31	35.36	3.05	3.00	98	1.14	37	MS	SW		
35.36	38.40	3.04	3.01	99	1.79	59	S	SW		
38.40	41.45	3.05	3.08	101	1.65	54	S	SW		
41.45	44.50	3.05	3.05	100	1.21	40	MS	SW		
44.50	47.55	3.05	2.99	98	1.60	52	MS	SW		
47.55	50.60	3.05	3.06	100	1.75	57	S	SW		
50.60	53.64	3.04	3.01	99	1.64	54	MS	SW		
53.64	56.69	3.05	2.97	97	0.45	15	S	SW		
56.69	59.74	3.05	3.01	99	2.06	68	S	SW		
59.74	62.79	3.05	2.12	70	1.57	51	S	SW		
62.79	65.84	3.05	2.89	95	1.37	45	S	FR		
65.84	68.88	3.04	3.05	100	2.19	72	VS	FR		
68.88	71.93	3.05	3.02	99	1.82	60	MS	FR		
71.93	74.98	3.05	2.98	98	1.80	59	S	SW		
74.98	78.03	3.05	3.02	99	2.16	71	VS	FR		
78.03	81.08	3.05	3.03	99	2.34	77	S	FR		
81.08	84.12	3.04	3.07	101	1.56	51	MS	FR		
84.12	87.17	3.05	3.13	103	2.20	72	VS	FR		
87.17	90.12	2.95	2.90	98	0.77	26	S	FR		
90.12	93.27	3.15	2.72	86	1.27	40	S	FR		
93.27	96.31	3.04	3.08	2	1.96	64	S	FR		
96.31	99.36	3.05	3.02	99	1.98	65	M	FR		
99.36	102.41	3.05	3.04	100	2.27	74	M	FR		
102.41	105.46	3.05	3.06	100	1.76	58	VS	FR		
105.46	108.51	3.05	3.10	102	1.60	52	MS	FR		
108.51	111.56	3.05	3.06	100	1.54	50	VS	FR		
111.56	114.60	3.04	3.11	102	2.51	83	S	FR		
114.60	117.65	3.05	3.05	100	1.65	54	S	FR		
117.65	120.70	3.05	3.13	103	1.82	60	M	FR		
120.70	123.75	3.05	2.91	95	1.84	60	S	FR		
123.75	126.70	2.95	3.20	108	1.59	54	M	FR		
126.70	129.84	3.14	2.72	87	2.26	72	VW	FR		
129.84	132.89	3.05	3.32	109	2.42	79	MS	FR		
132.89	135.94	3.05	3.04	100	2.20	72	S	FR		
135.94	138.99	3.05	2.60	85	1.99	65	S	FR		
138.99	142.04	3.05	3.08	101	2.23	73	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
142.04	145.08	3.04	3.12	103	2.28	75	S	FR		
145.08	148.13	3.05	3.03	99	0.81	27	S	FR		
148.13	151.18	3.05	3.05	100	1.47	48	MS	FR		
151.18	154.23	3.05	2.94	96	1.11	36	S	FR		
154.23	157.28	3.05	3.25	107	0.97	32	S	FR		
157.28	160.32	3.04	3.06	101	1.24	41	S	FR		
160.32	163.37	3.05	3.07	101	1.02	33	S	FR		
163.37	166.42	3.05	3.06	100	1.42	47	VS	FR		
166.42	169.47	3.05	3.20	105	1.53	50	S	FR		
169.47	172.52	3.05	3.10	102	2.08	68	VS	FR		
172.52	175.56	3.04	2.98	98	2.22	73	ES	FR		
175.56	178.61	3.05	3.08	101	2.53	83	MS	FR		
178.61	181.66	3.05	3.10	102	1.54	50	S	FR		
181.66	184.71	3.05	3.05	100	1.46	48	MS	FR		
184.71	187.76	3.05	2.99	98	1.72	56	VS	FR		
187.76	190.80	3.04	3.10	102	1.34	44	ES	FR		
190.80	193.85	3.05	3.11	102	2.24	73	S	FR		
193.85	196.90	3.05	3.08	101	2.63	86	S	FR		
196.90	199.95	3.05	3.02	99	1.69	55	MS	FR		
199.95	202.94	2.99	3.08	103	2.46	82	S	FR		
202.94	206.04	3.10	3.07	99	2.38	77	S	FR		
206.04	209.09	3.05	3.05	100	2.05	67	VS	FR		
209.09	212.14	3.05	3.03	99	2.10	69	S	FR		
212.14	215.19	3.05	3.00	98	2.14	70	MS	FR		
215.19	219.15	3.96	3.14	79	2.15	54	MS	FR		
219.15	221.28	2.13	3.03	142	1.78	84	S	FR		
221.28	224.33	3.05	3.09	101	2.75	90	S	FR		
224.33	227.38	3.05	3.01	99	2.07	68	MS	FR		
227.38	230.43	3.05	3.08	101	2.03	67	S	FR		
230.43	233.48	3.05	3.08	101	2.15	70	S	FR		
233.48	236.52	3.04	2.99	98	1.92	63	S	FR		
236.52	239.57	3.05	3.07	101	2.03	67	S	FR		
239.57	242.62	3.05	2.98	98	1.55	51	S	FR		
242.62	245.67	3.05	3.09	101	2.64	87	S	FR		
245.67	248.72	3.05	2.94	96	1.36	45	M	FR		
248.72	251.76	3.04	3.27	108	0.99	33	W	FR		
251.76	254.81	3.05	3.17	104	1.63	53	S	FR		
254.81	257.86	3.05	3.18	104	1.42	47	S	FR		
257.86	260.91	3.05	3.04	100	1.89	62	M	FR		
260.91	263.96	3.05	3.12	102	1.09	36	S	FR		
263.96	267.01	3.05	3.15	103	0.51	17	S	FR		
267.01	270.05	3.04	3.16	104	0.10	3	W	FR		
270.05	273.10	3.05	3.16	104	0.66	22	S	FR		
273.10	276.15	3.05	3.10	102	1.63	53	S	FR		
276.15	279.20	3.05	3.11	102	1.22	40	S	FR		
279.20	282.25	3.05	2.91	95	1.19	39	M	FR		
282.25	285.29	3.04	3.26	107	2.26	74	S	FR		
285.29	288.34	3.05	3.03	99	1.86	61	M	FR		
288.34	291.39	3.05	2.98	98	1.84	60	S	FR		
291.39	294.44	3.05	3.11	102	1.67	55	M	FR		
294.44	297.49	3.05	3.02	99	0.60	20	M	FR		
297.49	300.53	3.04	3.15	104	0.78	26	M	FR		
300.53	303.58	3.05	3.15	103	2.05	67	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
303.58	306.63	3.05	3.11	102	1.33	44	S	FR		
306.63	309.68	3.05	3.13	103	6.72	220	M	FR		
309.68	312.73	3.05	2.97	97	1.15	38	S	FR		
312.73	315.77	3.04	3.05	100	1.45	48	MS	FR		
315.77	318.82	3.05	3.20	105	1.81	59	S	FR		
318.82	321.87	3.05	3.03	99	1.37	45	MS	FR		
321.87	324.92	3.05	3.12	102	1.66	54	MS	FR		
324.92	327.96	3.04	3.17	104	1.19	39	MS	FR		
327.96	331.01	3.05	3.00	98	1.10	36	MS	FR		
331.01	334.06	3.05	3.14	103	2.25	74	S	FR		
334.06	337.11	3.05	3.70	121	1.96	64	S	FR		
337.11	340.16	3.05	2.09	69	0.98	32	S	FR		
340.16	343.20	3.04	3.00	99	0.91	30	VS	FR		
343.20	346.25	3.05	3.20	105	0.90	30	ES	FR		
346.25	349.38	3.13	3.08	98	1.30	42		FR		
349.38	352.35	2.97	3.07	103	1.40	47		FR		
352.35	355.46	3.11	3.05	98	1.46	47		FR		
355.46	358.44	2.98	3.03	102	0.90	30		FR		
358.44	361.49	3.05	3.07	101	2.35	77		FR		
361.49	364.54	3.05	3.00	98	2.63	86		FR		
364.54	367.59	3.05	3.01	99	2.15	70		FR		
367.59	370.64	3.05	2.89	95	1.69	55		FR		
370.64	373.68	3.04	2.72	89	1.10	36		FR		
373.68	376.73	3.05	3.05	100	1.31	43		FR		
376.73	379.78	3.05	3.04	100	2.42	79		FR		
379.78	382.80	3.02	3.98	132	1.85	61		FR		
382.80	385.88	3.08	3.01	98	2.15	70		FR		
385.88	388.92	3.04	3.08	101	2.06	68		FR		
388.92	391.97	3.05	3.09	101	1.67	55		FR		
391.97	395.02	3.05	2.97	97	1.60	52		FR		
395.02	398.07	3.05	3.06	100	2.50	82		FR		
398.07	401.12	3.05	2.95	97	1.70	56		FR		
401.12	404.16	3.04	3.02	99	2.13	70		FR		
404.16	407.21	3.05	3.10	102	2.29	75		FR		
407.21	410.26	3.05	2.97	97	2.20	72		FR		
410.26	413.31	3.05	3.16	104	2.18	71		FR		
413.31	416.36	3.05	3.17	104	2.15	70		FR		
416.36	419.40	3.04	3.05	100	2.60	86		FR		
EOH @ 419.40m										

SAMPLE LOG

HOLE: KL-11-20

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	1.23	1.23	0.00	0							CASING NO RECOVERY
1.23	4.88	3.65	2.80	77	K272201	1					
4.88	6.58	1.70	1.86	109	K272202	1					
6.58	7.56	0.98	0.99	101	K272203	1					
7.56	9.45	1.89	2.05	108	K272204	1					
9.45	11.89	2.44	2.19	90	K272205	1					INC CAVED ROCK
					K272206	1					STD ME 16
11.89	14.02	2.13	1.97	92	K272207	1					
14.02	17.07	3.05	3.16	104	K272208	1					
17.07	20.12	3.05	3.17	104	K272209	1					
20.12	23.16	3.04	3.10	102	K272210	1					
23.16	26.21	3.05	2.95	97	K272211	1					
					K272212	1					BLANK
26.21	29.26	3.05	3.04	100	K272213	1					
29.26	32.31	3.05	3.07	101	K272214	1					
32.31	35.36	3.05	3.10	102	K272215	1					
35.36	37.65	2.29	2.35	103	K272216	1					
37.65	39.82	2.17	2.03	94	K272217	1					
					K272218	1					STD ME 16
39.82	41.45	1.63	1.65	101	K272219	1					
41.45	44.50	3.05	3.02	99	K272220	1					
44.50	47.55	3.05	3.04	100	K272221	1					
47.55	48.73	1.18	1.23	104	K272222	1					
48.73	49.80	1.07	1.06	99	K272223	1					
49.80	52.66	2.86	3.00	105	K272224	1					
					K272225	1					Duplicate
52.66	55.55	2.89	2.92	101	K272226	1					
55.55	57.20	1.65	1.62	98	K272227	1					
57.20	58.85	1.65	1.72	104	K272228	1					
					K272229	1					BLANK
58.85	61.29	2.44	2.46	101	K272230	1					
61.29	62.37	1.08	1.05	97	K272231	1					
62.37	65.24	2.87	2.95	103	K272232	1					
65.24	68.30	3.06	3.06	100	K272233	1					
68.30	69.97	1.67	1.69	101	K272234	1					
69.97	71.93	1.96	1.95	99	K272235	1					
71.93	74.98	3.05	3.02	99	K272236	1					
74.98	78.03	3.05	3.05	100	K272237	2					
78.03	81.08	3.05	3.07	101	K272238	2					
81.08	84.12	3.04	3.12	103	K272239	2					
84.12	87.17	3.05	3.12	102	K272240	2					
87.17	90.22	3.05	3.08	101	K272241	2					
					K272242	2					STD ME 16
90.22	93.27	3.05	3.10	102	K272243	2					
93.27	95.09	1.82	1.91	105	K272244	2					
95.09	96.07	0.98	0.97	99	K272245	2					
96.07	99.22	3.15	3.12	99	K272246	2					
99.22	102.41	3.19	3.20	100	K272247	2					
					K272248	2					BLANK
102.41	105.46	3.05	3.06	100	K272249	2					
105.46	108.51	3.05	3.16	104	K272250	2					
108.51	111.56	3.05	3.06	100	K272251	2					
111.56	114.60	3.04	3.15	104	K272252	2					
114.60	116.62	2.02	2.00	99	K272253	2					
116.62	118.12	1.50	1.52	101	K272254	2					
118.12	119.14	1.02	1.02	100	K272255	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K272256	2					BLANK
119.14	120.70	1.56	1.60	103	K272257	2					
					K272258	2					DUPLICATE
120.70	123.75	3.05	3.10	102	K272259	2					
123.75	126.79	3.04	2.90	95	K272260	2					
126.79	129.84	3.05	3.15	103	K272261	2					
129.84	132.89	3.05	2.70	89	K272262	2					
132.89	135.90	3.01	3.00	100	K272263	2					
135.90	138.99	3.09	3.18	103	K272264	2					
138.99	140.89	1.90	1.90	100	K272265	2					
					K272266	2					STD ME 16
140.89	142.80	1.91	2.00	105	K272267	2					
142.80	145.63	2.83	2.71	96	K272268	2					
145.63	148.13	2.50	2.72	109	K272269	2					
148.13	151.18	3.05	3.03	99	K272270	2					
151.18	154.23	3.05	3.00	98	K272271	2					
154.23	156.89	2.66	2.86	108	K272272	2					
156.89	158.06	1.17	1.20	103	K272273	3					
158.06	160.32	2.26	2.33	103	K272274	3					
160.32	162.18	1.86	1.88	101	K272275	3					
162.18	163.12	0.94	0.97	103	K272276	3					
					K272277	3					BLANK
163.12	166.17	3.05	3.00	98	K272278	3					
166.17	169.12	2.95	3.12	106	K272279	3					
169.12	170.78	1.66	1.66	100	K272280	3					
170.78	172.52	1.74	1.79	103	K272281	3					
172.52	175.56	3.04	2.97	98	K272282	3					
					K272283	3					STD ME 16
175.56	178.61	3.05	3.08	101	K272284	3					
178.61	181.73	3.12	3.13	100	K272285	3					
181.73	182.72	0.99	1.00	101	K272286	3					
182.72	184.71	1.99	2.02	102	K272287	3					
184.71	187.76	3.05	3.09	101	K272288	3					
187.76	189.66	1.90	1.83	96	K272289	3					
189.66	191.44	1.78	1.83	103	K272290	3					
					K272291	3					DUPLICATE
191.44	194.28	2.84	2.90	102	K272292	3					
194.28	196.90	2.62	2.64	101	K272293	3					
196.90	199.95	3.05	3.05	100	K272294	3					
199.95	202.99	3.04	3.07	101	K272295	3					
202.99	206.04	3.05	3.03	99	K272296	3					
					K272297	3					STD ME 16
206.04	208.81	2.77	2.76	100	K272298	3					
208.81	211.61	2.80	2.85	102	K272299	3					
211.61	213.94	2.33	2.32	100	K272300	3					
					K272301	3					BLANK
213.94	215.79	1.85	1.97	106	K272302	3					
215.79	217.64	1.85	1.89	102	K272303	3					
217.64	219.25	1.61	1.71	106	K272304	3					
219.25	221.85	2.60	2.49	96	K272305	3					
221.85	223.51	1.66	1.68	101	K272306	3					
223.51	226.55	3.04	3.06	101	K272307	3					
226.55	228.21	1.66	1.66	100	K272308	3					
228.21	230.43	2.22	2.28	103	K272309	4					
230.43	233.48	3.05	3.11	102	K272310	4					
233.48	236.52	3.04	2.99	98	K272311	4					
236.52	239.57	3.05	3.08	101	K272312	4					
239.57	242.62	3.05	3.00	98	K272313	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K272314	4					STD PL-2
242.62	245.28	2.66	2.71	102	K272315	4					
245.28	247.52	2.24	2.27	101	K272316	4					
247.52	250.48	2.96	3.00	101	K272317	4					
					K272318	4					BLANK
250.48	252.19	1.71	1.74	102	K272319	4					
252.19	254.81	2.62	2.58	98	K272320	4					
254.81	257.58	2.77	2.86	103	K272321	4					
257.58	260.52	2.94	3.00	102	K272322	4					
260.52	262.00	1.48	1.56	105	K272323	4					
262.00	263.00	1.00	1.00	100	K272324	4					
					K272325	4					BLANK
263.00	266.00	3.00	3.20	107	K272326	4					
266.00	268.97	2.97	3.00	101	K272327	4					
268.97	271.69	2.72	2.78	102	K272328	4					
271.69	274.30	2.61	2.66	102	K272329	4					
					K272330	4					STD PL-2
274.30	277.22	2.92	3.00	103	K272331	4					
277.22	278.65	1.43	1.44	101	K272332	4					
278.65	280.13	1.48	1.49	101	K272333	4					
					K272334	4					DUPLICATE
280.13	282.31	2.18	2.02	93	K272335	4					
282.31	285.29	2.98	3.16	106	K272336	4					
285.29	288.34	3.05	3.04	100	K272337	4					
288.34	290.97	2.63	2.60	99	K272338	4					
290.97	292.93	1.96	1.92	98	K272339	4					
292.93	295.17	2.24	2.30	103	K272340	4					
295.17	297.49	2.32	2.35	101	K272341	4					
297.49	299.90	2.41	2.50	104	K272342	4					
299.90	301.34	1.44	1.49	103	K272343	4					
301.34	303.58	2.24	2.30	103	K272344	4					
303.58	306.63	3.05	3.12	102	K272345	5					
306.63	309.68	3.05	3.00	98	K272346	5					
309.68	312.62	2.94	2.88	98	K272347	5					
312.62	314.29	1.67	1.77	106	K272348	5					
314.29	317.34	3.05	3.15	103	K272349	5					
					K272350	5					BLANK
317.34	320.35	3.01	2.99	99	K272351	5					
320.35	323.29	2.94	3.00	102	K272352	5					
323.29	324.92	1.63	1.63	100	K272353	5					
324.92	326.93	2.01	2.02	100	K272354	5					
326.93	329.93	3.00	3.08	103	K272355	5					
329.93	331.06	1.13	1.19	105	K272356	5					
331.06	332.24	1.18	1.18	100	K272357	5					
					K272358	5					STD PL-2
332.24	334.06	1.82	1.91	105	K272359	5					
334.06	336.11	2.05	2.09	102	K272360	5					
336.11	340.16	4.05	3.00	74	K272361	5					
340.16	343.20	3.04	3.10	102	K272362	5					
343.20	345.47	2.27	2.39	105	K272363	5					
					K272364	5					STD PL-2
345.47	346.45	0.98	1.00	102	K272365	5					
346.45	348.95	2.50	2.87	115	K272366	5					
348.95	351.48	2.53	2.56	101	K272367	5					
					K272368	5					BLANK
351.48	353.12	1.64	1.56	95	K272369	5					
353.12	355.04	1.92	2.00	104	K272370	5					
355.04	356.32	1.28	1.30	102	K272371	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
356.32	357.85	1.53	1.61	105	K272372	5					
357.85	359.58	1.73	1.74	101	K272373	5					
					K272374	5					DUPLICATE
359.58	361.04	1.46	1.42	97	K272375	5					
361.04	363.56	2.52	2.53	100	K272376	5					
363.56	366.50	2.94	2.77	94	K272377	5					
366.50	368.90	2.40	2.53	105	K272378	5					
368.90	370.44	1.54	1.59	103	K272379	5					
370.44	371.50	1.06	1.13	107	K272380	5					
371.50	373.68	2.18	2.21	101	K272381	6					
373.68	376.73	3.05	3.10	102	K272382	6					
376.73	379.78	3.05	3.07	101	K272383	6					
379.78	382.83	3.05	2.99	98	K272384	6					
382.83	385.88	3.05	3.07	101	K272385	6					
					K272386	6					STD ME 16
385.88	388.92	3.04	3.10	102	K272387	6					
388.92	390.32	1.40	1.41	101	K272388	6					
390.32	392.85	2.53	2.56	101	K272389	6					
					K272390	6					BLANK
392.85	395.97	3.12	3.02	97	K272391	6					
395.97	398.04	2.07	2.16	104	K272392	6					
398.04	401.12	3.08	2.99	97	K272393	6					
401.12	404.16	3.04	3.03	100	K272394	6					
					K272395	6					DUPLICATE
404.16	407.21	3.05	3.12	102	K272396	6					
407.21	410.26	3.05	3.15	103	K272397	6					
410.26	413.31	3.05	3.20	105	K272398	6					
413.31	416.36	3.05	3.20	105	K272399	6					
416.36	419.40	3.04	3.03	100	K272400	6					EOH 419.40m

DENSITY LOG

Hole: **KL-11-20**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	Py %	As %	Gn %	Other	%							
193	GRD	NTVN	PHY		m	t		Sp	t	10.19	6.33	921.8	599.4	Strong phyllic altered GRD with netted	2.87	2.86
		BX														

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-20

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00			15.98	
4.00			0.413	
5.00			6.436	
6.00			6.338	
7.00			0.547	
8.00			2.893	
9.00			0.299	
10.00			2.198	
11.00			6.16	
12.00			2.184	
13.00			11.52	
14.00			5.561	
15.00			12.36	
16.00			21.32	
17.00			20.28	
18.00			4.82	
19.00			2.17	
20.00			20.45	
21.00			0.325	
22.00			11.96	
23.00			6.306	
24.00			14.3	
25.00			13.87	
26.00			24.41	
27.00			20.57	
28.00			20.33	
29.00			7.648	
30.00			19.41	
31.00			0.584	
32.00			0.848	
33.00			0.705	
34.00			9.304	
35.00			14.68	
36.00			0.63	
37.00			0.351	
38.00			15.43	
39.00			5.24	
40.00			6.104	
41.00			0.515	
42.00			19.46	
43.00			28.24	
44.00			31.38	
45.00			31.48	
46.00			9.532	
47.00			24.02	
48.00			0.529	
49.00			8.843	
50.00			0.474	
51.00			13.56	
52.00			0.474	
53.00			12.04	
54.00			0.364	
55.00			0.348	
56.00			0.313	
57.00			0.373	
58.00			0.254	
59.00			4.037	
60.00			5.833	
61.00			4.544	
62.00			0.466	
63.00			8.404	
64.00			21.18	
65.00			0.454	
66.00			17.64	
67.00			19.17	
68.00			19.19	
69.00			17.94	
70.00			18.63	
71.00			14.21	
72.00			15.77	
73.00			17.82	
74.00			16.54	
75.00			1.51	
76.00			16.65	
77.00			12.42	
78.00			19.41	
79.00			23.52	
80.00			11.11	
81.00			21.58	
82.00			0.529	
83.00			9.498	
84.00			12.77	
85.00			1.999	
86.00			0.438	
87.00			28.57	
88.00			23.43	
89.00			16.58	
90.00			21.78	
91.00			28.32	
92.00			26.81	
93.00			4.614	
94.00			9.556	
95.00			8.913	
96.00			0.612	
97.00			17.86	
98.00			23.32	
99.00			20.99	
100.00			15.29	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			20.3	
102.00			20.01	
103.00			18.51	
104.00			23.48	
105.00			27.75	
106.00			30.37	
107.00			33.27	
108.00			32.93	
109.00			47.3	
110.00			26.56	
111.00			26.25	
112.00			27.71	
113.00			16.82	
114.00			23.18	
115.00			25.89	
116.00			33.06	
117.00			23.2	
118.00			0.516	
119.00			5.37	
120.00			17.56	
121.00			22.39	
122.00			24.18	
123.00			26.49	
124.00			29.92	
125.00			1.631	
126.00			6.412	
127.00			18.13	
128.00			14.66	
129.00			16.63	
130.00			23.92	
131.00			23.3	
132.00			20.5	
133.00			13.47	
134.00			21.25	
135.00			0.78	
136.00			21.89	
137.00			19.88	
138.00			0.457	
139.00			18.64	
140.00			16.98	
141.00			17.83	
142.00			19.69	
143.00			18.81	
144.00			12.44	
145.00			0.224	
146.00			21.72	
147.00			16.66	
148.00			21.61	
149.00			18.35	
150.00			21.56	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			21.05	
152.00			18.35	
153.00			26.24	
154.00			19.68	
155.00			27.58	
156.00			26.13	
157.00			3.314	
158.00			0.483	
159.00			7.345	
160.00			2.518	
161.00			30.79	
162.00			17.8	
163.00			0.516	
164.00			19.39	
165.00			22.74	
166.00			18.74	
167.00			22.48	
168.00			23.49	
169.00			23.53	
170.00			20.91	
171.00			22.03	
172.00			18.88	
173.00			20.52	
174.00			19.54	
175.00			18.87	
176.00			21.59	
177.00			19.83	
178.00			20.21	
179.00			22.78	
180.00			19.86	
181.00			20.4	
182.00			1.494	
183.00			0.811	
184.00			7.84	
185.00			30.21	
186.00			19.88	
187.00			21.03	
188.00			20.47	
189.00			12.27	
190.00			24.27	
191.00			21.36	
192.00			0.444	
193.00			0.023	
194.00			0.293	
195.00			0.371	
196.00			23.05	
197.00			23.3	
198.00			20.18	
199.00			18.65	
200.00			0.441	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			13.03	
202.00			18.75	
203.00			18.5	
204.00			16.87	
205.00			19.3	
206.00			16.99	
207.00			20.67	
208.00			18.1	
209.00			0.693	
210.00			18.49	
211.00			25.76	
212.00			0.58	
213.00			0.39	
214.00			0.398	
215.00			0.332	
216.00			0.831	
217.00			0.8	
218.00			0.573	
219.00			0.421	
220.00			1.997	
221.00			7.257	
222.00			0.459	
223.00			7.772	
224.00			4.311	
225.00			0.84	
226.00			4.687	
227.00			0.299	
228.00			0.371	
229.00			0.37	
230.00			0.099	
231.00			0.178	
232.00			0.139	
233.00			0.297	
234.00			0.492	
235.00			6.897	
236.00			8.765	
237.00			18.16	
238.00			23.28	
239.00			4.206	
240.00			11.08	
241.00			10.76	
242.00			2.577	
243.00			3.902	
244.00			0.432	
245.00			0.637	
246.00			0.392	
247.00			0.523	
248.00			0.275	
249.00			0.296	
250.00			0.214	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.104	
252.00			0.36	
253.00			0.582	
254.00			0.992	
255.00			0.415	
256.00			16.3	
257.00			20.58	
258.00			20.46	
259.00			4.734	
260.00			2.993	
261.00			3.785	
262.00			0.698	
263.00			0.641	
264.00			0.268	
265.00			0.302	
266.00			0.515	
267.00			0.209	
268.00			0.259	
269.00			0.296	
270.00			0.241	
271.00			0.231	
272.00			0.234	
273.00			0.369	
274.00			0.352	
275.00			0.321	
276.00			2.904	
277.00			0.224	
278.00			0.344	
279.00			0.671	
280.00			0.665	
281.00			0.257	
282.00			0.383	
283.00			0.852	
284.00			0.338	
285.00			1.113	
286.00			1.112	
287.00			3.199	
288.00			6.279	
289.00			16.81	
290.00			9.924	
291.00			0.129	
292.00			0.319	
293.00			0.214	
294.00			0.203	
295.00			0.198	
296.00			0.379	
297.00			0.176	
298.00			0.101	
299.00			0.351	
300.00			0.291	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.357	
302.00			3.609	
303.00			2.372	
304.00			0.796	
305.00			0.269	
306.00			1.813	
307.00			29.2	
308.00			9.949	
309.00			21.45	
310.00			16.64	
311.00			26.44	
312.00			9.152	
313.00			0.455	
314.00			0.94	
315.00			0.202	
316.00			0.437	
317.00			0.188	
318.00			0.313	
319.00			0.191	
320.00			0.23	
321.00			0.216	
322.00			8.967	
323.00			0.365	
324.00			8.905	
325.00			0.47	
326.00			27.29	
327.00			17.71	
328.00			31.95	
329.00			7.541	
330.00			32.02	
331.00			3.782	
332.00			3.558	
333.00			13.1	
334.00			18.93	
335.00			13.69	
336.00			0.985	
337.00			0.379	
338.00			0.304	
339.00			0.216	
340.00				NO RECOVERY
341.00			0.175	
342.00			0.14	
343.00			0.11	
344.00			0.157	
345.00			0.13	
346.00			0.151	
347.00			0.163	
348.00			0.194	
349.00			0.141	
350.00			0.109	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.18	
352.00			0.31	
353.00			0.211	
354.00			0.469	
355.00			0.119	
356.00			0.124	
357.00			20.64	
358.00			15.74	
359.00			21.16	
360.00			0.582	
361.00			0.449	
362.00			15.8	
363.00			0.513	
364.00			19.69	
365.00			16.64	
366.00			8.201	
367.00			0.319	
368.00			0.235	
369.00			0.147	
370.00			0.126	
371.00			0.019	
372.00			0.149	
373.00			0.251	
374.00			8.704	
375.00			8.756	
376.00			6.225	
377.00			0.252	
378.00			0.493	
379.00			2.317	
380.00			9.497	
381.00			0.83	
382.00			0.407	
383.00			22.58	
384.00			19.16	
385.00			32.12	
386.00			10.36	
387.00			17.56	
388.00			33.41	
389.00			25.95	
390.00			0.094	
391.00			0.124	
392.00			0.191	
393.00			0.163	
394.00			0.219	
395.00			0.196	
396.00			0.32	
397.00			0.295	
398.00			33.68	
399.00			30.68	
400.00			30.63	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
401.00			21.66	
402.00			31.2	
403.00			35.61	
404.00			15.24	
405.00			36.18	
406.00			17.17	
407.00			30.76	
408.00			17.14	
409.00			11.88	
410.00			32.09	
411.00			7.646	
412.00			32.3	
413.00			30.56	
414.00			26.96	
415.00			32.15	
416.00			36.75	
417.00			29.41	
418.00			24.89	
419.00			36.17	
				EOH @ 419.40m

BOX LOG

HOLE: KL-11-20

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	1.22	5.42	36	145.78	149.96	71	293.52	297.49
2	5.42	8.85	37	149.96	154.23	72	297.49	301.75
3	8.85	12.58	38	154.23	158.21	73	301.75	305.98
4	12.58	16.67	39	158.21	162.50	74	305.98	310.15
5	16.67	20.71	40	162.50	166.61	75	310.15	314.29
6	20.71	24.37	41	166.61	170.94	76	314.29	318.62
7	24.37	28.56	42	170.94	175.21	77	318.62	322.73
8	28.56	32.60	43	175.21	179.58	78	322.73	327.00
9	32.60	36.76	44	179.58	183.74	79	327.00	331.23
10	36.76	40.87	45	183.74	188.00	80	331.23	335.43
11	40.87	44.97	46	188.00	192.26	81	335.43	340.16
12	44.97	49.17	47	192.26	196.48	82	340.16	343.58
13	49.17	53.28	48	196.48	200.81	83	343.58	347.70
14	53.28	57.30	49	200.81	204.97	84	347.70	357.73
15	57.30	61.47	50	204.97	209.18	85	357.73	355.72
16	61.47	65.71	51	209.18	213.46	86	355.72	360.18
17	65.71	69.97	52	213.46	217.63	87	360.18	364.55
18	69.97	74.35	53	217.63	221.86	88	364.55	368.80
19	74.35	78.44	54	221.86	226.07	89	368.80	372.75
20	78.44	82.76	55	226.07	230.28	90	372.75	376.95
21	82.76	86.89	56	230.28	234.39	91	376.95	381.33
22	86.89	90.93	57	234.39	238.34	92	381.33	385.57
23	90.93	95.08	58	238.34	243.08	93	385.57	389.80
24	95.08	99.36	59	243.08	247.28	94	389.80	394.05
25	99.36	103.80	60	247.28	251.67	95	394.05	398.35
26	103.80	108.05	61	251.67	255.72	96	398.35	402.53
27	108.05	112.23	62	255.72	259.74	97	402.53	406.73
28	112.23	116.26	63	259.74	263.96	98	406.73	410.95
29	116.26	120.60	64	263.96	268.27	99	410.95	415.24
30	120.60	124.61	65	268.27	272.43	100	415.24	419.40
31	124.61	128.86	66	272.43	276.53			EOH @ 419.40
32	128.86	133.24	67	276.53	280.65			
33	133.24	137.23	68	280.65	284.95			
34	137.23	141.62	69	284.95	289.20			
35	141.62	145.78	70	289.20	293.52			

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382720.55	6890384	1355.266	239.99

SECTION:

HOLE: KL-11-21

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (239.88m / EOH)

Casing depth: 3.69 (m) in / **out**

Drilling dates: June 23 - 26, 2011

Geology logged by: C. Chung

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	133.2	36.4	-49.7	Ranger
41.75	34.3	-49.5	Ranger	163.68	35.3	-50	Ranger
72.24	36.3	-49.2	Ranger	209.4	36.1	-50.2	Ranger
102.72	34.1	-49.4	Ranger	239.87	38.3	-50.2	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.69	3.69	CAS	Casing; no recovery
3.69	23.02	19.33	GRD	Weakly propylitic altered granodiorite with minor veinl
23.02	36.67	13.65	GRD	Strongly clay altered zone - fault(?)
36.67	80.86	44.19	GRD	Variably propylitic and phyllic granodiorite. Mineralize
				veinlets and minor breccia "veins"
80.86	91.51	10.65	GRD	Weakly bleached clay granodiorite
91.51	134.92	43.41	GRD	Clay and phyllic altered granodiorite. Porphyritic dyke
				at 98.86-99.57m
134.92	139.32	4.40	POR	Quartz-feldspar porphyritic dyke
139.32	157.58	18.26	GRD	Phyllic altered granodiorite with possible faulting at
				139.32-140.06m and 143.98-144.80m
157.58	166.48	8.90	POR	Quartz-feldspar porphyritic dyke
166.48	184.7	18.22	GRD	Phyllic altered granodiorite
184.7	186.92	2.22	POR	Quartz-feldspar porphyritic dyke
186.92	239.88	52.96	GRD	Fresh granodiorite with locallized zones of phyllic
				alteration and minor mineralized veinlets.
				EOH @ 239.88m

SAMPLES

Numbers: K2712581 - K271600, K270001 - K270099

Total: 119

Batch: DDH-21 B1 - B4

Date Sent: B1 (07-22); B2 (24):

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-21

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.69	3.69				CAS																					Casing - no recovery
3.69	11.65	7.96				GRD	GN/BN	BK	tw			ms	lim	m	FX												Weathered granodiorite, possible overburden; Blocky, borken, locally oxidized granodiorite with moderate phyllic and propylitic alteration. Likely overburden boulders due to large amounts of redrilled core. Limonite along fractures. Minor zones of cushed rock present.
11.65	19.51	7.86				GRD	GY					f	pro	tw	FX	30-50		5									Weakly propylitic granodiorite; Grey with faint green colouring (weakly propylitic altered) granodiorite. Moderately competent with minor-moderate amounts of fracutring. Weak-strong oxidation on fractures.
							DKGN								ST	45-60	<0.1	2						Cl?			Low vein desnity, generally dark green narrow stringers noted - chlorite(?).
																			t					He	t		Rare-trace sulphides noted. Possible hematite(?).
			13.61			APL	PK								DY?	25	~1										Irregular pink band crosscutting core rock - aplite(?).
			15.98	16.11	0.13		LTGN					m			FX	60		2		t							Fracture zone with increased oxidation and moderate phyllic alteration. Trace disseminated sulphides.
19.51	23.02	3.51				GRD	YWGN		m				lim	w	FX	35-55		2									Phyllic granodiorite; Fair-moderate phyllic granodiorite, likely due to fault structure downhole, weakly texturally destructive. Patchy zones of diffused silica "veinlets", generally with brown-orange oxidized envelopes. Narrow dark green strigners also noted. Minor-moderate fracturing with oxidized fracture sufraces. Increasing phyllic alteration moving downhole.
							BNOR	EN				f															
							GY								VT	40-60	<2	3									
							DKGN								ST	35-55	<0.1	3						Cl?			
																				w							Fine-medium disseminated sulphides scattered throughout the matrix.
			22.41	22.67											FX												Zone of shattered core rock bearing subangula fragments, generally <3cm across.
23.02	36.67	13.65				GRD	TN		s	ms		f			CN	50											Strongly clay altered granodiorite - Faulted(?); Moderate-strongly phyllic and clay altered and oxidizied granodiorite. Weak rock, approximately 50% comprised of crumbled, shatttered or blocky zones - fault(?)

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															FX	35-45											
						FLT?									FLT											x	Faulted, crumbled zones appear to occur at low angles (<30°) to core axis (cutting core at oblique angle).
								DI											t	t							Trace disseminated sulphides, often only occurs in locallized sections.
			30.28	31.80	1.52		LTBN			s					GO?	50-70											Strongly clay altered and oxidized interval. Crumbled and strongly weathered with appearance of dried clay.
			31.86	34.15	2.29		LTGN					t															Decreased oxidation / weathering
			35.92	36.67	0.75			BK																			Slightly more competent core rock with shattered zones.
36.67	76.21	39.54				GRD	GY						pro	tw	FX	55	1											Weakly propylitic granodiorite; Similar to 11.65-19.51m. Weakly prophylitic granodiorite, with trace amounts of oxidation noted on some fracture surfaces.
							DKGN								VT		<0.1	2						Cl?			Low vein density, dominantly lnoted are dark green stringers with two preferreed orientations at ~60° and ~20° to core axis - possible cholrite(?)
																											Rare sulphides.
			43.49	47.73	4.24		MDGN		t?				pro	w													Slight increase in propylitic alteration with possible weak phyllic overprinting(?). Appears to partly be due to narrow and irregular carbonate veinlets. No changes to sulphide content.
							TNBN								VT	10-30	<0.2	4									
			45.46	45.89	0.43		DKGN								VT	20	0.4										Dark green low angle veinlet. No sulphides
			46.51	46.69	0.18		LTGH	EN		f			pot														Clay altered (bleached) evnvelope surrounding narrow carbonate veinlet. No changes to sulphide content.
							WHGY								VT	50	0.3										
			48.14	48.35	0.21		LTGN	EN	t?	f																	Similar to 46.51-46.69m. Bleached/clay altered envelopes to narrow band carbonate veinlet. Weakly crumbled at edges of zone.
							GY								VT	70	0.3										Similar to 46.51-46.69m. Bleached/clay altered envelopes to narrow band carbonate veinlet. Weakly crumbled at edges of zone.
			48.86			VEN	DKGY	BX							VT	50	0.5										Dark grey breccia "veinlet". Dark grey matrix (quartz + ?) with subangular carbonate clasts (<0.3cm across).
			49.46			VEN	DKGY	BX							VT	40	0.3										Similar to 48.86m.
			49.71			VEN	GY/H								VT	10	0.4										Low angle quartz-carbonate veinlet

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			51.03	52.97	1.94	VEN	DKGY	BX							VT	5	<1.5		tw	t							Low angle dark breccia veinlet, running subparallel to core axis for length of the interval. Clasts include subangular fragments of granodiorite (<2cm across) and small phenocrysts of carbonate. Rare-trace pyrite blebs (<1cm across) noted.
			53.95	57.00	3.05																						POOR RECOVERY - Missing core.
			56.57	58.01	1.44		LTGN	EN		w			pro	tw													Clay and phyllic envelopes to polymetallic breccia vein. Zoned envelopes. Banded sulphides carried in vein, possible quartz-carbonate matrix.
			56.96	57.32	0.36		LTGY	EN	f		w																
			57.02			VEN	GY/MT				w				VT	70	8		s	m	w	w	t?				
			64.26	64.86	0.60		MDGN						pro	tw					t								Slight increase in propylitic alteration
			68.89	69.16	0.27		MDGN						pro	tw					t								Increased propylitic alteration
			70.41	71.67	1.26		MDGN	EN	tw				pro	tw													Propylitic and phyllic envelope to quartz-carbonate veinlet. Several minor narrow stringers also noted in this interval.
							WH/BF								VT	50	1										
			72.88	75.46	2.58		MDGN	EN	w		f		pro	tw													Increase propylitic and phyllic alteration giving the rock a dappled texture. Minor amounts of veining noted throughout the zone.
			73.53			VEN	MT								VT	10	<0.7			s							At 73.53m, low angle massive pyrite veinlet noted.
76.21	77.95	1.74				GRD	LTGN		f	tw			lim	tw	GO	60	4										Phyllic granodiorite; Moderately phyllic altered interval forming envelopes around a breccia zone and polymetallic sulphides vein. Competent core rock. Orange-brown limonite(?) seen on fractures.
															VT	60	<0.5	10	tw	tw							Banded dark grey and cream veinlet set noted
			76.98	77.28	0.30	BXA	DKGY	BX							VN?	60	15		w	tw							Dark grey breccia "vein" with clasts of phyllic granodiorite. Increased disseminated sulphides. Clay/gouge lower contact.
			77.33	77.60	0.27	VEN	GY/MT								VN	70			ms	m	t	f					Mineralized silicified zone/quartz vein
77.95	80.86	2.91				GRD	GY						pro	tw	FX	50		1									Propylitic granodiorite; Similar to 36.67-76.21m. Weakly propylitic granodiorite with minor fracturing and narrow dark green veinlets, often bearing trace pyrite. Rare sulphides within the matrix.
							GN								VT	30	<0.5	3									
																			tw	tw							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
80.86	91.51	10.65				GRD	LTGY		w	w					FX	45-60		3									Weakly bleached granodiroite; Moderate bleachec (clay) with patchy zones of moderately-strong phyllic alteration. Minor freacutring, decreasing moving downhole.
							GY	BX?							VT	30-40	<1	3									Low veining density. Narrow light-dark grey quartz carbonate veinlets. Larger strcutres often appear to be brecciated.
																			tw	t							Trace disseminated sulphides, mainly seen in phyllic zones and appears in much less density in bleached zones.
			80.86	81.38	0.52		GY/WH			m					GO?	35	<3.5	3									Increased clay alteration. Zone is friable and easily crumbles.
			81.55	83.82	2.27		LTGN		m																		Increased phyllic zones with several banded quartz carbonate veinlets present.
			82.18				BF/MT								VT	45	3.5			t							At 82.18m, banded quartz-carbonate veinlet with trace pyrite.
			82.77				BF//GY	BX							VT	50	3			tw							At 82.77m, medium-dark grey quartz-carbonate vein with faint brecciated textures. Discontinuous pyrite stringers present.
			83.31				GY/MT				m				VT	40	1.5		w	w		tw					At 83.31m, vuggy quartz vein with pyrite and sphalerite.
			84.91	85.33	0.42		GNGY		m																		Moderate-strong phyllic envelope to breccia zone.
			85.33	85.63	0.30	BXA	DKGY	BX							VN?	70	27			tw							Breccia zone with strongly clay altered granodiorite clasts (<3cm).
			85.63	86.86	1.23		GNGY		m																		Moderate-strong phyllic envelope to breccia zone.
			87.22	90.34	3.12		WH			m										t							Bleached zones with several veinlets with propylitic envelopes.
91.51	98.86	7.35				GRD	GY						pro	tw	FX	20-60		5									Weakly propylitic granodiorite; Similar to 36.67-76.21m. Weakly propylitic granodiorite with moderate fracutring and narrow dark green veinlets. Minmor red-brown straining on fracture surfaces - hematite(?). Rare sulphides.
							DKGN								VT	30	<0.5	2									
																			t					He	?		
			96.85	98.62	1.77		LTGY	EN		tw																	
						BXA	DKGY	BX							VT?		<1.5	2	t	t							Interval with low-moderate angled dark breccia veinlets, often with bleached envelopes (<1cm wide). Finely disseminated sulphides noted, likely pyrite.
			97.03			BXA	DKGY	BX							VT?	30	0.7										At 97.03m, breccia "veinlet" with clay envelopes
			97.67			BXA	DKGY	BX							VT?	25	1										At 97.67, disrupted breccia "veinlet" between two fracture surfaces.
			98.15			BXA	DKGY	BX							VT?	40	1.5										At 98.15m, breccia "veinlet" with phyllic envelopes.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			98.62	99.57	0.95		WH/PK			m																	Moderate-strong clay altered zone, likely due to dyke contact downhole.
98.86	99.57	0.71				POR	PUBN	PO							DY	55											Porphyritic dyke; Purple-brown quartz-feldspar porphyritic dyke. Wekaly brecciated lower contact, infilled with carbonate. No significant sulphides.
99.57	104.25	4.68				GRD	LTGN								FX	40		3									Altered granodiorite; Moderate-strongly caly and phyllic altered granodiorite. Competent core rock with minor clay/gouge on fracture surfaces.
							DKGY	BX							VT	30-40	<1	1									Minor veining density with irregular narrow veinlets, has weakly brecciated textures.
																			t								Rare sulphides.
			100.40				DKGY	BX							VT	35	1.5			t							At 100.40m, dark grey brecciated veinlet. Fine sulphides noted.
104.25	107.42	3.17				GRD							pro	tw	FLT?	65								He	tw		Granodiorite; Similar to 91.51-98.86m, possibly faulted. Broken and blocky core rock with approximately 30% of interval rubble zones. Weakly propylitic altered granodiorite. Red-brown staining (likely hematite) on fracture surfaces. No significant sulphides present.
107.42	112.22	4.80				GRD	LTGN		m	w					FX	35-60		3									Altered granodiorite; Bleached light green moderately clay and phyllic altered granodiorite. Fairly competent core rock with minor fracturing.
							TNBF								VT	30-60	<0.5	2									Low veining density, generally cream coloured carbonate veinlets at moderate angles (~35-60°) to core axis.
								DI											t								Rare sulphides, generally occurs close to veinlet structures.
			108.84	109.28	0.44	FLT?	LTGY								GO	70				tw							Zone of grey gouge, likely was very weakly mineralized. Reminants of quartz veinlet noted - possible fault(?).
112.22	131.37	19.15				GRD	GY		w	t			pro	tw	FX	30-60		4									Granodiorite; Weak-moderately propylitic granodiorite with patches of variable clay and/or phyllic alteration. Minor-moderate fracturing.
							WH								VT			4									Low-moderate veining density, generally narrow quartz-carbonate veinlets in phyllic altered zones. Dark green veinlets (chlorite?) also noted. Minor zones of breccia "veins".
																			t	t							Trace dissminated sulphides, generally noted in phyllic zones.
			113.76	113.95	0.19		WH			m					C	55											Increased bleaching/clay alteration. No change in sulphide content.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			114.91	115.69	0.78		LTGN		w	f					C	65											Phyllic and clay altered zone. Slight pink colouring, possible potassic alteration(?). Slightly weaker rock.
			117.18	118.65	1.47		LTGN		f																		Moderate-strong phyllic zone, likely envelope to breccia "vein" downhole. No significant sulphides.
			117.84	118.06	0.22	BXA	DKGY	BX							VT?	60	4.3	2	t	t							At 117.84-118.06m, dark grey breccia "veinlets" noted with angular granodiorite clasts (<1cm). Trace disseminated pyrite noted in black matrix.
			119.30	119.39	0.09	BXA	DKGY	BX							VT?	60	3										Dark grey breccia "vein". Small (<0.5cm) angular clasts of granodiorite. Trace fine sulphides in matrix.
			120.91	121.87	0.96		GY/PK			f																	Bleached/clay altered zone. One narrow dark green pyrite bearing veinlet noted. Narrow dark grey breccia "veinlet" with pyrite also present.
							GN								VT	60	0.2			tw				chl	t?		
						BXA	DKGY	BX							VT	80	0.5			tw							
			123.83	124.29	0.46		GYGN		m	t			pot	t?													Moderate-strongly phyllic zone, with possible trace potassic alteration. Banded quartz-carbonate veinle noted.
							GY	BN							VT	25	0.5										
			124.55	125.00	0.45		LTGN	EN?	m	t																	Similar to 123.83-124.29m. Narrow, irregular carbonate veinlets with large phyllic envelopes(?). Trace pyrite.
							WH								VT	30	0.2			t							
			125.74	127.35	1.61		WH/PK	EN?		m																	Bleached/clay altered zone, possible large envelope to chalcedonic brecciated vein. Narrow veinlets also noted with narrow green (propylitic?) envelope. No significant sulphides.
							GY								VT	40-60	<1	2									
			126.46	126.51	0.05	VEN	GY	BX			s				VT	75	4										At 126.46-126.51m, chalcedonic brecciated veinlet with clasts of the dark grey breccia.
			129.83	130.15	0.32		LTGY	EN	m		tw																Similar to 123.83-124.29m. Phyllic envelope to banded quartz-carbonate veinlet. No significant sulphides.
							MDGY								VT	70	0.7										
131.37	134.92	134.92				GRD	MDGN		m						FX	55		6									Phyllic granodiorite; Weak-moderately phyllic altered granodiorite with zones of mdoerate clay alteration. Likely due to dyke contact downhole. Moderately fractured.
						BXA	DKGY	BX							VT	50-60		10									Breccia vein set noted, preferred orientation at ~50 60° to core axis. Samll (<1cm) clasts of granodiorite noted in dark grey matrix. Banded white and grey quartz-carbonate veinlets also present at ~60-70° to core axis.
							GY	BN							VT	60-70		3									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
																			w	tw							Trace-weak disseminated sulphides, increasing moving downhole, occuring as clots within breccia veins.
			131.37	131.99	0.62		WH			m																	Bleached, clay altered zone - "contact" zone(?)
			133.00	133.03	0.03	BXA	DKGY	BX							VT?	35	3			tw							Dark grey breccia with angular-subrounded granodiorite clasts (<1cm). Minor disseminated pyrite.
			133.46	133.62	0.16	BXA	DKGY	BX							VN	55	15		w	tw							Similar to 133.0-133.03m. Dark grey breccia vein.
			134.19	134.53	0.34	VEN	GY/MT				s				VN	40			l	ms	f	w	tw	Cp	t?		Banded and mineralized quartz vein/silicified zone. Polymetallic sulphides present. Possible chalcopyrite(?).
			134.90	134.92	0.02		GY								GO	55											Minor gouge zone at contact to dyke
134.92	139.32	4.40				POR	BFTN	PO		tw					DY	65											Porphyritic dyke; Tan-buff quartz-feldspar porphyritic dyke. Wekaly clay altered matrix with minro fracturing. Wispy discontinuous carbonate stringers present. No significant mineralization.
															FX	50-60		3									
			134.92	135.89	0.97						tw																Slightly finer grained interval with faint phenocrysts (weakly silicified?), likely due to contact zone.
139.32	144.80	5.48				GRD	LTGY		f	w					FLT?	50											Phyllic granodiorite; Light grey-green moderately phyllic grnodiorite with zones of strong clay alteration - possible faulting(?). Blocky core rock.
							TN/GY	BN							VT	70-80	<1	3									Low-moderate veining noted, generally in more competent and phyllic altered zones. Banded cream and dark grey quartz-carbonate veinlets.
								DI											t	t							Rare-trace disseminated pyrite noted scattered ir the matrix. Slight increase in veinlet zones.
			139.32	140.06	0.74	FLT?	MDGY			m					GO	60				t							Medium grey granular gouge, possible fault zone(?). Appears to be higher sulphide content at contact, decreasing moving downhole.
			141.06	141.26	0.20		MDGY				m				VT	65	<1	3	t								Veining zone/patch of slicification. Trace sulphides.
			142.61	142.79	0.18		GY								VT	60	<1	4	t								Similar to 141.06-141.26m. Zone of veinlets
			143.98	144.80	0.82	FLT?	LTGY			s					GO	50											Strongly clay altered, crumbled zone - possible faulting(?). "Contact" zone.
144.80	152.03	7.23				GRD	GNGY		w	tw			pro	tw	FX	30-60		6									Altered granodiorite; Weakly propylitic altered granodiorite with variably phyllic and/or clay altered patches. Weakly blocky core rock.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
							WHGY								VT	70-80	<0.5	3									Moderate veining density with mixed vein styles; narrow, irregular quartz-carbonate, dark green (chloritic?), and dark grey breccia veinlets. Veinlets often occur with envelopes. Veining carries trace-weak amounts of sulphides.
							GNGY								VT	70	<0.5										
							DKGY	BX							VT	60-70	<2	2									
								DI											t	t							Trace sulphides, generally occurs in locallized zones surrounding veining structures.
			144.80	145.34	0.54		MDGN	EN?	f											tw							Interval of increased phyllic alteration, possible envelope to two mineralized breccia veins.
			144.80	144.98	0.18	VEN	GY/MT	BX			m				VN?	50			m	f			w				At 144.80-144.98m, breccia vein, dark grey silicified brecciated zone with banded polymetallic sulphides.
			145.22				DKGY	BX							VT	55	0.7			w							At 145.22m, dark grey-black mineralized breccia veinlet with small (<0.5cm) granodiorite clasts.
			145.34	149.13	3.79		WHGY	EN?	f	f																	Increased phyllic alteration in a bleached (clay altered?) matrix. Veinlets in this interval tend to show moderate phyllic (decreased clay?) and silicified envelopes.
			145.86				TNBF								VT	65	0.3										At 145.86m, narrow quartz-carbonate veinlet with envelopes.
			146.02				TNBF				w				VT	50	0.5										At 146.02m, narrow veinlet with grey silicified envelopes.
			146.33				GY/TN				f																At 146.33m, zone of silicification (vein or vein envelope?) Stringer sulphides present.
							DKGY								VT	45	1		tw	tw							
			148.04			VEN	DKGY	BX							VT	65	2			tw							At 148.04m, dark grey breccia veinlet.
			148.52	149.13	0.61		WHGY	EN?																			Strong phyllic envelop to breccia vein
			148.56	148.68	0.12	BXA	DKGY	BX							VN	30				tw							At 148.56-148.68m, dark grey breccia vein with large altered granodiorite clasts (<5cm) and clay/gouge lower contact. Fine disseminated pyrite present.
			148.88				DKGY	BX							VT	65	1			tw							At 148.88m, dark grey breccia veinlet.
152.03	157.58	5.55				GRD	LTGN		f				pot	tw?													Phyllic granodiorite; moderate-strong phyllic granodiorite with possible locallized potassic alteration.
															VT	50-60	<0.5										Low-moderate veining density, most commonly noted are narrow irregular quartz-carbonate veinlets Grey-brwon chalcedonic veinlets also noted in this unit.
															VT	30-40	<2										
								DI											tw	tw							Trace disseminated sulphids throughout the matrix, generally occuring in zones with veining structures.
			154.36			VEN	TNGY				s				VT	30	1.5										Chalcedonic vein. No significant sulphides

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			154.83			VEN	BFTN				s				VT	30	2.0			t							Chalcedonic veinlet crosscut by pyritic stringe
			156.22	156.82			DKGN	EN?					pot	w?													Dark green interval, possible strong propylitic alteration(?). Several dark grey pyritic(?) stringers present.
							DKGY								VT	60	<0.1	4		tw							
157.56	166.48	8.92				POR	PUTN	PO		tw					DY	45											Porphyritic dyke; Purple-brown-tan quartz-feldspar porphyritic dyke with weak clay alteration. Blcoky core rock with ~25% of interval rubble zones with minor gouge. Minor narrow carbonate veinlets throughout this unit. No significant sulphides.
															FX	65		10									
			157.56	158.68	1.12		PUBN	PO			tw																Phenocrysts are faint and occur at lower density in this slightly silicified interval.
			160.00	161.00	1.00										GO												Fractured, shattered zone with minor gouge on surfaces.
			161.21	164.70	3.49								pro	tw?													Possible weak propylitic wash(?). Feldspars have green colouring and are occasionally zoned.
			165.86			GRD	GY								C	25											Granodiorite clast(?). Appears gouge-like and strongly clay altered - possible contact to dyke or clast.
166.48	168.37	1.89				GRD	GN/GY		m						FX	50		7									Phyllic granodiorite; Strongly phyllic altered granodiorite with zones of strong silicification. Blocky core rock.
							DKGY				ms				VT	55	<1	4									Dark grey veinlets common. Appears to be quartz bearing discontinuous sulphide stringers.
																			f	w	tw						Sulphides commonloy noted throughout matrix
			167.11	167.45	0.34	VEN	GY/MT				ms				VN	40			m	f	w		t?				Grey silicified interval (quartz vein?) bearing semi massive and discontinuous stringer sulphides.
			167.50				BK/TN	BN							VT	25			f	w	tw						Banded quartz-carbonate veinlet
			167.60	168.37	0.77		DKGY								GO	70											Zone of dark grey granular gouge. Strongly clay altered contact zone.
168.37	173.42	5.05				GRD	TNGN		f	f					FX	45-60		10									Altered granodiorite; Tan-buff-light green, moderately clay and phyllic altered granodiorite. Somewhat competent core rock. Fracture surfaces coated with weak amounts of clay.
															GO												
							DKGY								VT	20-50	<1	4									Moderate veining density, dark grey quartz veinlets appear to be most common, gnerally bearing trace-weak amount of pyrite. Narrow irregular carbonate veinlets also noted.
							TN								VT	40-60	<0.5	2									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
																			t	t							Trace disseminated sulphides present throughout interval with increased density in locallized zones around veining structures.
			171.00			VEN	MT								VT	30	1			tw	60						Massive arsenopyrite veinlet with phyllic envelopes.
			171.20	171.88	0.68					m					GO												Zone of increased clay alteration. Rock is moderately friable. Dark grey gouge bands noted at low angles (<30°) to core axis.
173.42	184.70	11.28				GRD	DKGN		tw	w			pro	f	FX	50-60		6									Propylitic granodiorite; Mideium-dark green propylitic granodiorite. Weak-fair clay alteration in locallized zones resulting in crumbled rock. Fairly competent core rock otherwise.
															VT	35-50		5									Moderate veining density, dominantly quarz carbonate veinlets with weak-moderate phyllic envelopes. Narrow breccia veinlets also present.
																			t	t							Locallized zones of increased disseminated pyrite grains, generally close to veining structures.
			175.81	177.63	1.82		TNGY		m											tw							Interval of increased phyllic alteration, nearly texturally destructive and grey zones of silica flooding/veining. Fine-medium disseminated pyrite in matrix.
			176.52				GY				m				VT	40	~1			w							At 176.52m, diffused grey silicified zone/veinlet. Blebby sulphides present along veinlet.
			177.07				DKGY	BX							VT?	45	6.5										At 177.07m, dark grey breccia veinlet with granodiorite clasts (<2cm). Rare sulphides.
178.81	179.96	1.15					TNGY		w	w			hem	t?						tw							Zone of increased phyllic and clay alteration. (Bleached). Slight pervasive pink colouring of the matrix - possible potassic(?). Increased red-brown colouring at uphole contact, likely hematite. Trace-weak amounts of sulphides in grey veining structures.
			182.54	184.70	2.16		LTGN		w	t										t							Zone of incresaed phyllic alteration with psossible ankerite(?) bands. Trace sulphides, generally at veining structures.
			182.74				DKGY	BN							VT	60	1			t							At 182.74m, dark grey, banded veinlet. Wispy discontinuous sulphide stringers.
			184.21				DKGY								Vt	35				t							At 184.21m, narrow dark grey stringers
184.70	186.92	2.22				POR	TNBF	PO	t	t					DY	50											Weakly porphyritic dyke; tan-green faintly prophyritic dyke, like quartz-feldspar prophyritic unit. Weak "flow texture" noted(?) with dark grey and cream veinlets. Trace fine disseminated sulphides, generally in zones of dark grey veinlets.
															VT	40		5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								DI												tw							
			184.88	185.00	0.12		DKGY		t?				pro	w?	VT	50		2		w		tw	tw				Dark grey vein envelope (propylitic/phyllic altered?) with sulphide bands.
			185.28	185.44	0.16			BX							VT?	55		2		tw							Brecciated dark grey veinlet. Minor light grey gouge at lower contact of this zone.
186.92	204.67	17.75				GRD	GY/PK		tw	tw			pro	t	FX	35-55		4									Granodiorite; Fairly fresh granodiorite with minor zones of weak-moderate phyllic and/or clay alteration. Very weakly prophyritic altered wiht possible potassic alteration downhole. Fairly competent core rock, except in altered zones.
							GY/TN								VT	60-70	<2	2									Low veining density, generally noted in phyllic altered zones (envelopes). Banded quartz-carbonate veinlets most common.
								DI											tw	t							Rare-trace disseminated pyrite throughout the matrix. Slight increase in locallized zones of stronger phyllic alteration. Sulphides often carried in veining structures.
			186.92	187.89	0.97		LTGN		tw	w			pot	t?													Increased bleaching of the matrix with weak phyllic with possible potassic alteration. Likely due to contact zone.
			187.73	187.80	0.07		GY	BN							VT	65	<1.5	2		w	tw	t					At 187.73-187.80m, two diffused and banded quartz carbonate veinlets, carrying sulphides.
			190.90	192.39	1.49		LTGN	EN?	w	tw																	Similar to 186.92-187.89m. Increased phyllic alteration with bleaching of teh matrix. Envelope to vein zone(?). Slight vuggy veinlets noted. Fine disseminated pyrite.
															VT	50-70	<2	2									
			191.31			VEN	GY/MT				s				VT	70		2		w	t						At 191.31m, quartz veinlet with pyrite and arsenopyrite.
			191.52	191.72	0.20	VEN	MDGY				m				VN	65		8		w							At 191.52-191.72m, medium-dark vein zone, bounded by light grey gouge material.
															GO												
			192.72	193.04	0.32		LTGN	EN?	w																		Weak phyllic envelopes to three narrow quartz carbonate veinlets. No significant sulphides.
															VT	60	<0.5	3									
			196.05	196.89	0.84		LTGY	EN?	w	tw										t							Similar to 190.90-192.39m. Increased phyllic alteration, likely envelopes to mineralized silicified zones/quartz veinlets. Trace fine sulphides noted throughout the core.
															VT	65				w							
			196.31	196.48	0.17		GY/MT			m					VT	65		4	m	w	w	tw	t				At 196.31-196.48m, zone of silicification/veining
			197.62	199.72	2.10		LTGN	EN	w	w			pot	t?													Similar to 190.90-192.39m. Increased phyllic alteration with clay and possible trace potassic. Trace-weak fine sulphides in matrix.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			198.21	198.68	0.47	FLT?	MDGY			f					GO												At 198.21-198.68m, increased clay content with bands of light-medium (pyritic?) gouge. Possible fault(?). Fine disseminated sulphides.
															VT	40	<0.5	2	t							
			199.13	199.44	0.31	VEN	GY/MT				m				VT	50	3.5	2	f	w		tw	t				At 199.13-199.44m, two quartz-carbonate veinlets carrying sulphides.
			201.32	201.90	0.58		LTGN	EN	f																		Phyllic envelope to banded quartz-carbonate veinlet Increased clay at lower contact. Trace pyrite.
							TN	BN							VT	60	<1	4		t							
204.67	217.04	12.37				GRD	GN		w	tw			pro	tw													Porpylitic granodiorite; Weakly propylitic granodiorite with locallized zones of moderate-strong phyllic or clay alteration. Competent core rock with minor amounts of fracturing.
															VT	~10	<0.3	2									Moderate veining density, most commonly narrow quartz-carbonate veinlets. Tw preferred oritneations at ~10° and at ~60° to core axis. Higher angled veinlets occasionally carries sulphides.
															VT	~60	<0.5	6									
								DI											t	t							Trace fine disseminated sulphides noted throughout locallized zones of the matrix, generally phyllic zones.
			206.12	206.99	0.87		LTGN		m	tw			pot	t?													Moderately bleached zone with pink colouring - possible potassic(?) and moderately strong phyllic alteration. Several diffused quartz-caronbate veinlets noted.
															VT	45	~1.5										
			209.28	210.21	0.93		WH/PK		tw	f			pot	t?													Bleached white and pink interval - moderate clay alteration with weak-moderatephyllic altered lower contact. Trace pyrite occurring in stringers.
			211.64	211.80	0.16		PUGN		w				hem	t?													Zone of possible hematitic or potassic alteration(?) and weak-moderate phyllic zone. No significant sulphides.
															VT	60	<0.2	4									
			211.94	212.06	0.12		GYGN		f				hem	t?													Similar to 211.64-211.80m. Diffused zones of silicification/quartz veinlets.
															VT	50	<0.3	3									
			213.57			VEN			w				hem	w?	VT				tw	t				Cp	t?		Quartz-veinlet bearing sulphides, possible chalcopyrite(?) and red-brown envelopes (hematite?).
			214.06	214.41	0.35		GYGN		w																		Phyllic zone with narrow, irregular tan quartz carbonate stringers. No significant sulphides.
															VT	50	<0.1	5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
217.04	220.43	3.39				GRD	YWGN		f						FX	35-70		4									Phyllic granodiorite; yellow-green moderately phyllic altered granodiorite. Fairly competent core rock with minor fracturing.
							GY								VT	60-70	<1.5	3	tw								Low-moderate veining density, most commomly noted are diffused quartz bands, often carryin sulphides.
																			tw	tw	t?						Fine-medium disseminated sulphides present throughout the matrix with concentrated bands in veining structures. Also increase in zones of more intensse phyllic alteration.
			218.74	219.71	0.97		GY		m?		m									tw							Medium grey silicified zone, possible strong, texturally destructive phyllic alteration. Fine disseminated sulphides throughout the matrix. Minor veining, often quartz and/or carbonate veinlets bearing minor sulphides.
							LTGY								VT	45	<1.5	2	tw								
220.43	239.88	19.45				GRD	GY						pro	t	FX	60		1									Fresh granodioriite; Fairnly fresh granodiorite with very weak propylitic alteration, decreasing moving downhole. Competent core rock with very little fracturing.
							GN								VT	50-60	<0.5	6						Cl			Low-moderate veining desnity, narrow dark greer veinlets common - chlorite(?). Cream carbonate veinlets also present.
															VT	25-30	<0.5	2									
																			t	t							No significant sulphides. Minor amounts noted in green veinlets.
			222.48			VEN	GN	BX							VT	35	2.5		tw	tw							Brecciated vein with a medium-green matrix and granodiorite clasts
			225.33	225.37	0.04		LTGN	EN					pro	tw	VT	80	0.7		w	tw							Veinlet with faint propylitic envelopes
			229.78	229.83	0.05		MDGN	EN					pro	tw	VT	40	0.5			tw							Quartz-carbonate veinlet with propylitic envelopes.
							LTDN						hem	t?													Phyllic altered interval with possible weak hematite alteration. Grey quartz veinlets with sulphides common.
							DKGY								VT	50-60	<0.7	4	tw	tw	t?						
			232.20	232.30	0.10	VEN	GY								VN	45	8		tw								At 232.20-232.30m, dark grey, weakly porphyritic(?) vein(?). Fine disseminated pyrite throughout.
			238.26	238.50	0.24		DKGN		tw				pro	w					tw								Moderate prophyritic envelope to mineralizec carbonate veinlet. Trace-weak disseminated sulphides ntoed in envelope zone.
							WH/GN	BN							VT	75	0.5		w								
																											EOH @ 239.88m.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-21

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.57	4.57	0.00	0	0.00	0	S	SW		Possible over-burden
4.57	8.23	3.66	0.00	0	0.00	0	S	SW		Possible over-burden
8.23	9.45	1.22	0.00	0	0.00	0	M	SW		Possible over-burden
9.45	10.67	1.22	0.00	0	0.00	0	S	SW		Possible over-burden
10.67	12.19	1.52	0.63	41	0.13	9	S	SW		
12.19	14.33	2.14	2.20	103	1.17	55	W	SW		
14.33	17.37	3.04	3.15	104	1.37	45	M	SW		
17.37	20.42	3.05	3.05	100	1.52	50	M	SW		
20.42	23.47	3.05	3.09	101	1.10	36	S	SW		
23.47	26.52	3.05	3.00	98	1.60	52	M	HW		
26.52	29.57	3.05	2.70	89	0.26	9	W	HW		
29.57	32.61	3.04	3.17	104	0.64	21	W	HW		
32.61	35.66	3.05	2.88	94	0.00	0	S	MW		
35.66	38.71	3.05	3.10	102	1.39	46	S	SW		
38.71	41.76	3.05	2.99	98	2.33	76	VS	FR		
41.76	44.81	3.05	3.06	100	2.18	71	S	FR		
44.81	47.85	3.04	3.05	100	2.20	72	M	SW		
47.85	50.90	3.05	3.04	100	1.70	56	VS	FR		
50.90	53.95	3.05	3.05	100	1.40	46	VS	FR		
53.95	57.00	3.05	0.92	30	0.62	20	S	FR		
57.00	60.05	3.05	2.97	97	2.12	70	VS	FR		
60.05	63.09	3.04	2.13	70	1.49	49	VS	FR		
63.09	66.15	3.06	2.96	97	1.26	41	M	FR		
66.15	69.19	3.04	3.05	100	1.62	53	S	FR		
69.19	72.24	3.05	3.10	102	2.20	72	S	FR		
72.24	75.29	3.05	2.98	98	1.60	52	M	SW		
75.29	78.33	3.04	3.00	99	1.84	61	M	SW		
78.33	81.38	3.05	3.01	99	2.29	75	S	SW		
81.38	84.43	3.05	2.98	98	1.61	53	S	FR		
84.43	87.48	3.05	3.08	101	1.51	50	S	SW		
87.48	90.53	3.05	3.09	101	2.04	67	M	FR		
90.53	93.57	3.04	3.01	99	1.60	53	M	FR		
93.57	96.62	3.05	2.96	97	1.29	42	VS	FR		
96.62	99.67	3.05	3.00	98	1.66	54	VS	FR		
99.67	102.72	3.05	2.69	88	1.46	48	S	FR		
102.72	105.77	3.05	2.69	88	1.27	42	M	FR		
105.77	108.81	3.04	2.71	89	0.62	20	S	FR		
108.81	111.68	2.87	2.79	97	1.63	57	VS	FR		
111.68	114.91	3.23	2.46	76	1.52	47	MS	FR		
114.91	117.96	3.05	3.10	102	2.11	69	VS	FR		
117.96	121.00	3.04	2.96	97	1.75	58	MS	FR		
121.00	124.05	3.05	2.85	93	1.22	40	MS	FR		
124.05	127.10	3.05	2.96	97	2.38	78	MS	FR		
127.10	130.15	3.05	3.16	104	1.44	47	MS	FR		
130.15	133.20	3.05	3.14	103	1.65	54	MS	FR		
133.20	136.25	3.05	2.88	94	1.50	49	S	FR		
136.25	139.29	3.04	3.12	103	2.02	66	MS	FR		
139.29	142.34	3.05	3.00	103	0.69	23	M	FR		
142.34	145.39	3.05	2.89	94	0.33	11	M	FR		
145.39	148.44	3.05	3.06	102	0.15	5	S	FR		
148.44	151.49	3.05	2.96	97	0.54	18	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	2.94	97	0.86	28	S	FR		
154.53	157.58	3.05	2.96	97	1.64	54	S	FR		
157.58	160.63	3.05	2.88	94	0.78	26	S	FR		
160.63	163.68	3.05	2.78	91	0.86	28	M	FR		
163.68	166.72	3.04	2.92	96	0.40	13	S	FR		
166.72	169.77	3.05	2.77	91	0.68	22	M	FR		
169.77	172.82	3.05	3.05	100	1.12	37	VS	FR		
172.82	175.87	3.05	3.23	106	1.12	37	S	FR		
175.87	178.92	3.05	3.01	99	0.89	29	M	FR		
178.92	181.97	3.05	3.00	98	1.02	33	S	FR		
181.97	185.01	3.04	3.12	103	1.04	34	S	FR		
185.01	188.06	3.05	3.00	98	1.04	34	MS	FR		
188.06	191.11	3.05	3.08	101	2.56	84	MS	FR		
191.11	194.16	3.05	3.06	100	1.37	45	S	FR		
194.16	197.21	3.05	3.09	101	1.52	50	VS	FR		
197.21	200.25	3.04	3.10	102	1.41	46	S	FR		
200.25	203.30	3.05	3.08	101	2.05	67	S	FR		
203.30	206.35	3.05	2.93	96	1.30	43	M	FR		
206.35	209.40	3.05	3.04	100	2.48	81	M	FR		
209.40	212.45	3.05	3.14	103	1.70	56	SS	FR		
212.45	215.50	3.05	2.90	95	2.13	70	S	FR		
215.50	218.54	3.04	3.12	103	1.67	55	S	FR		
218.54	221.59	3.05	3.09	101	1.69	55	S	FR		
221.59	224.64	3.05	2.94	96	1.77	58	VS	FR		
224.64	227.69	3.05	3.02	99	2.51	82	VS	FR		
227.69	230.73	3.04	3.14	103	2.29	75	VS	FR		
230.73	233.78	3.05	3.03	99	2.30	75	VS	FR		
233.78	236.83	3.05	3.03	99	2.20	72	VS	FR		
236.83	239.88	3.05	3.08	101	2.16	71	VS	FR		
										EOH @ 239.88m

SAMPLE LOG

HOLE: KL-11-21

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.69	3.69	0.00	0							Casing - no recovery
3.69	11.67	7.98	2.52	32	K271581	1					Likely overburden, poor recovery
11.67	14.33	2.66	2.58	97	K271582	1					
14.33	17.37	3.04	3.04	100	K271583	1					
17.37	19.50	2.13	2.13	100	K271584	1					
19.50	21.38	1.88	1.82	97	K271585	1					
					K271586	1					Standard: CDN-ME-16
21.38	23.02	1.64	1.55	95	K271587	1					
23.02	26.52	3.50	3.41	97	K271588	1					Fault
26.52	29.57	3.05	2.46	81	K271589	1					Fault
29.57	31.86	2.29	2.23	97	K271590	1					Fault
31.86	34.15	2.29	2.29	100	K271591	1					Fault
34.15	36.67	2.52	2.24	89	K271592	1					Fault
					K271593	1					Blank
36.67	39.60	2.93	2.85	97	K271594	1					
39.60	41.76	2.16	2.16	100	K271595	1					
41.76	43.49	1.73	1.75	101	K271596	1					
43.49	45.87	2.38	2.38	100	K271597	1					
45.87	48.14	2.27	2.29	101	K271598	1					
48.14	51.03	2.89	2.88	100	K271599	1					
51.03	53.91	2.88	2.80	97	K271600	1					
					K270001	1					Standard: CDN-ME-16
53.91	56.09	2.18		0	N/S						Missing core
56.09	58.01	1.92	1.92	100	K270002	1					
58.01	61.00	2.99	2.94	98	K270003	1					
61.00	64.00	3.00	2.09	70	K270004	1					
					K270005	1					Duplicate of ***004
64.00	67.00	3.00	2.97	99	K270006	1					
67.00	68.50	1.50	1.33	89	K270007	1					
68.50	70.41	1.91	1.91	100	K270008	1					
70.41	72.88	2.47	2.46	100	K270009	1					
72.88	74.50	1.62	1.59	98	K270010	1					
74.50	76.21	1.71	1.65	96	K270011	1					
76.21	77.95	1.74	1.68	97	K270012	1					
					K270013	1					Blank
77.95	80.86	2.91	2.86	98	K270014	1					
80.86	83.82	2.96	2.84	96	K270015	1					
83.82	85.86	2.04	2.04	100	K270016	1					
85.86	87.22	1.36	1.34	99	K270017	2					
87.22	90.32	3.10	3.14	101	K270018	2					
90.32	91.51	1.19	1.19	100	K270019	2					
91.51	94.59	3.08	3.05	99	K270020	2					
94.59	96.62	2.03	1.97	97	K270021	2					
96.62	98.86	2.24	2.26	100	K270022	2					
					K270023	2					Standard: CDN-ME-16
98.86	99.57	0.71	0.73	100	K270024	2					Dyke
99.57	102.72	3.15	3.07	97	K270025	2					
102.72	104.25	1.53	1.57	100	K270026	2					
104.25	107.42	3.17	2.57	81	K270027	2					
107.42	109.28	1.86	1.84	99	K270028	2					
109.28	112.22	2.94	2.86	97	K270029	2					
					K270030	2					Duplicate
112.22	114.91	2.69	2.62	97	K270031	2					
114.91	117.18	2.27	2.38	105	K270032	2					
117.18	118.65	1.47	1.45	99	K270033	2					
118.65	120.91	2.26	2.25	100	K270034	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
120.91	121.87	0.96	0.94	98	K270035	2					
121.87	124.29	2.42	2.47	100	K270036	2					
124.29	125.74	1.45	1.35	93	K270037	2					
125.74	127.35	1.61	1.60	99	K270038	2					
					K270039	2					Standard: CDN-ME-16
127.35	129.83	2.48	2.49	100	K270040	2					
129.83	131.37	1.54	1.50	97	K270041	2					
131.37	133.00	1.63	1.72	100	K270042	2					
133.00	134.92	1.92	1.93	100	K270043	2					Breccia zone
					K270044	2					Blank
134.92	136.25	1.33	1.16	87	K270045	2					Dyke
136.25	139.32	3.07	3.10	101	K270046	2					
139.32	142.34	3.02	2.93	97	K270047	2					
142.34	144.80	2.46	2.26	92	K270048	2					Faulted contact
144.80	145.34	0.54	0.53	98	K270049	2					Breccia contact
					K270050	2					Blank
145.34	147.80	2.46	2.43	99	K270051	2					
147.80	149.13	1.33	1.36	102	K270052	2					
149.13	152.03	2.90	2.78	96	K270053	3					
152.03	155.02	2.99	2.82	94	K270054	3					
155.02	157.58	2.56	2.48	97	K270055	3					
					K270056	3					Standard: CDN-ME-16
157.58	160.63	3.05	2.80	92	K270057	3					Dyke
160.63	163.68	3.05	2.70	89	K270058	3					Dyke
163.68	166.48	2.80	2.48	89	K270059	3					Dyke
166.48	168.37	1.89	1.85	98	K270060	3					Mineralized vein
168.37	170.54	2.17	2.09	96	K270061	3					
170.54	171.88	1.34	1.30	97	K270062	3					Arsenopyrite veinlet
					K270063	3					Blank
171.88	173.42	1.54	1.57	100	K270064	3					
173.42	175.81	2.39	2.51	100	K270065	3					
175.81	177.63	1.82	1.86	100	K270066	3					
177.63	179.96	2.33	2.20	94	K270067	3					
179.96	182.54	2.58	2.58	100	K270068	3					
182.54	184.70	2.16	2.21	100	K270069	3					
					K270070	3					Stardard: CDN-ME-16
184.70	186.92	2.22	2.18	98	K270071	3					dyke with veinlets
186.92	187.89	0.97	0.93	96	K270072	3					
187.89	190.90	3.01	3.10	100	K270073	3					
190.90	193.04	2.14	2.08	97	K270074	3					
193.04	196.05	3.01	3.10	100	K270075	3					
196.05	197.62	1.57	1.50	96	K270076	3					
197.62	199.72	2.10	2.16	100	K270077	3					
					K270078	3					Blank
199.72	201.90	2.18	2.19	100	K270079	3					
201.90	204.67	2.77	2.75	99	K270080	3					
204.67	206.99	2.32	2.17	94	K270081	3					
206.99	209.28	2.29	2.23	97	K270082	3					
209.28	212.06	2.78	2.86	103	K270083	3					
					K270084	3					Duplicate
212.06	214.41	2.35	2.11	90	K270085	3					
214.41	217.04	2.63	2.62	100	K270086	3					
217.04	218.74	1.70	1.77	104	K270087	3					
218.74	220.43	1.69	1.73	102	K270088	3					
220.43	222.80	2.37	2.36	100	K270089	4					
222.80	225.00	2.20	2.02	92	K270090	4					
225.00	227.30	2.30	2.22	97	K270091	4					
					K270092	4					Standard: CDN-ME-16

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
227.30	229.50	2.20	2.23	101	K270093	4					
229.50	231.65	2.15	2.16	100	K270094	4					
231.65	232.56	0.91	0.93	102	K270095	4					
232.56	235.00	2.44	2.42	99	K270096	4					
					K270097	4					Duplicate
235.00	237.33	2.33	2.27	97	K270098	4					
237.33	239.88	2.55	2.59	102	K270099	4					
											EOH @ 239.88m

DENSITY LOG

Hole: **KL-11-21**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	Pyrite%	Apy%	%	Other	%							
												2012.7	1751.5	2000g standard		7.71
110.2	GRD		phyllic	m						10.81	6.33	820.7	480		2.41	2.41
138	POR		clay	tw						11.32	6.33	907	551.8		2.55	2.55
187.73	GRD		phyllic	m	2	3		Sp	2	11.44	6.33	995.8	836.6		2.77	6.26

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-LL-21

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Possible over-
2.00				Possible over-
3.00				Possible over-
4.00				Possible over-
5.00				Possible over-
6.00				Possible over-
7.00				Possible over-
8.00				Possible over-
9.00				Possible over-
10.00				Possible over-
11.00				Possible over-
12.00			18.75	
13.00			22.34	
14.00			22.48	
15.00			25.95	
16.00			28.1	
17.00			34	
18.00			25.09	
19.00			29.46	
20.00			17.55	
21.00			9.479	
22.00			0.898	
23.00			0.653	
24.00			0.387	
25.00			0.183	
26.00			0.345	
27.00			0.719	
28.00			0.497	
29.00			0.251	
30.00			0.196	
31.00			0.269	
32.00			0.333	
33.00			0.699	
34.00			0.384	
35.00			0.773	
36.00			0.316	
37.00			21.04	
38.00			22.39	
39.00			25.82	
40.00			28.05	
41.00			20.49	
42.00			21.51	
43.00			24.45	
44.00			18.33	
45.00			18.63	
46.00			25.75	
47.00			19.94	
48.00			10.12	
49.00			16.38	
50.00			15.67	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			20.36	
52.00			9.764	
53.00			0.491	
54.00			21.08	
55.00			21.84	
56.00			21.11	
57.00			0.423	
58.00			10.69	
59.00			6.667	
60.00			16.63	
61.00			22.54	
62.00			24.44	
63.00			16.58	
64.00			24.4	
65.00			20.41	
66.00			19.63	
67.00			20.8	
68.00			18.81	
69.00			18.89	
70.00			26.44	
71.00			3.624	
72.00			30.98	
73.00			19.45	
74.00			21.73	
75.00			18.92	
76.00			13.65	
77.00			0.431	
78.00			6.25	
79.00			20.35	
80.00			13.95	
81.00			3.416	
82.00			0.273	
83.00			0.439	
84.00			0.433	
85.00			0.515	
86.00			1.357	
87.00			15.98	
88.00			4.466	
89.00			4.077	
90.00			0.27	
91.00			1.9118	
92.00			18.4	
93.00			18.7	
94.00			11.94	
95.00			18.77	
96.00			16.83	
97.00			8.798	
98.00			7.617	
99.00			0.556	
100.00			0.439	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			2.761	
102.00			0.831	
103.00			0.659	
104.00			0.167	
105.00			2.627	
106.00			1.622	
107.00			3.142	
108.00			0.383	
109.00			0.137	
110.00			0.41	
111.00			0.494	
112.00			0.307	
113.00			0.781	
114.00			0.77	
115.00			2.611	
116.00			0.633	
117.00			6.575	
118.00			0.36	
119.00			25.1	
120.00			11.39	
121.00			2.316	
122.00			17.27	
123.00			16.98	
124.00			0.719	
125.00			6.788	
126.00			0.511	
127.00			0.884	
128.00			0.666	
129.00			12.19	
130.00			0.512	
131.00			13.75	
132.00			0.502	
133.00			0.227	
134.00			0.294	
135.00			0.392	
136.00			0.379	
137.00			0.22	
138.00			0.25	
139.00			0.335	
140.00			0.179	
141.00			0.348	
142.00			0.442	
143.00			0.355	
144.00			0.541	
145.00			0.218	
146.00			0.397	
147.00			0.643	
148.00			0.356	
149.00			0.34	
150.00			1.538	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.989	
152.00			23.54	
153.00			0.673	
154.00			0.416	
155.00			1.414	
156.00			0.458	
157.00			0.43	
158.00			0.618	
159.00			0.563	
160.00			0.201	
161.00			0.318	
162.00			0.485	
163.00			0.209	
164.00			0.218	
165.00			0.211	
166.00			0.293	
167.00			5.037	
168.00			0.171	
169.00			0.405	
170.00			0.358	
171.00			0.263	
172.00			0.124	
173.00			0.423	
174.00			4.438	
175.00			0.369	
176.00			0.173	
177.00			0.292	
178.00			2.659	
179.00			0.15	
180.00			0.485	
181.00			14.56	
182.00			3.378	
183.00			0.238	
184.00			0.509	
185.00			0.145	
186.00			0.383	
187.00			0.414	
188.00			0.569	
189.00			9.164	
190.00			8.563	
191.00			0.245	
192.00			0.268	
193.00			0.485	
194.00			4.835	
195.00			10.04	
196.00			3.94	
197.00			2.238	
198.00			0.394	
199.00			0.094	
200.00			5.49	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			6.119	
202.00			10.32	
203.00			10.72	
204.00			11.36	
205.00			1.135	
206.00			1.317	
207.00			1.557	
208.00			0.316	
209.00			9.111	
210.00			1.976	
211.00			10.61	
212.00			23.06	
213.00			20.77	
214.00			19.79	
215.00			17.1	
216.00			20.05	
217.00			30.88	
218.00			0.466	
219.00			1.785	
220.00			0.354	
221.00			13.66	
222.00			25.14	
223.00			22.67	
224.00			29.13	
225.00			22.09	
226.00			24.11	
227.00			22.08	
228.00			21.21	
229.00			23.66	
230.00			17.98	
231.00			15.79	
232.00			0.526	
233.00			31.3	
234.00			23.56	
235.00			21.35	
236.00			18.18	
237.00			21.64	
238.00			20.98	
239.00			22.29	
EOH @ 139.88m				

BOX LOG

HOLE: KL-11-21

BOX	FROM (m)	TO (m)
1	3.69	11.65
2	11.65	15.30
3	15.30	19.33
4	19.33	23.33
5	23.33	27.11
6	27.11	30.91
7	30.91	34.15
8	34.15	37.80
9	37.80	41.90
10	41.91	45.97
11	45.97	50.08
12	50.08	53.95
13	53.95	60.05
14	60.05	64.70
15	64.70	68.97
16	68.97	72.54
17	72.54	76.34
18	76.34	80.45
19	80.45	84.67
20	84.67	88.58
21	88.58	92.52
22	92.52	96.53
23	96.53	100.35
24	100.35	104.15
25	104.15	108.21
26	108.21	111.86
27	111.86	115.67
28	115.67	119.89
29	119.89	123.83
30	123.83	127.84
31	127.84	131.72
32	131.72	135.73
33	135.73	139.29
34	139.29	143.06
35	143.06	147.26
36	147.26	151.32
37	151.32	155.02
38	155.02	158.82
39	158.82	162.12
40	162.12	165.86
41	165.86	169.24
42	169.24	173.03
43	173.03	176.81
44	176.81	180.80
45	180.80	184.70
46	184.70	188.60
47	188.60	192.60
48	192.60	196.24
49	196.24	200.25
50	200.25	204.12
51	204.12	203.03
52	203.03	211.95
53	211.95	216.09
54	216.09	220.14
55	220.14	224.11
56	224.11	228.12
57	228.12	231.92
58	231.92	236.19
59	236.19	239.88
	EOH @ 239.88m	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382356.69	6889627.6	1392.527	102.72

SECTION:

HOLE: KL-11-22

CLAIM:

Contractor: Elite Diamond Drilling

Drill:

Core size: BTW

Casing depth: 3.12 (m) in / **out**

Drilling dates: June 23 - 25, 2011

Geology logged by: Nick Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	69.19	37	-47.5	Ranger
23.47	37.7	-48.9	Ranger	84.43	39.5	-46.7	Ranger
38.71	37.9	-48	Ranger	99.67	39.4	-46.2	Ranger
53.95	38.3	-47.7	Ranger				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	53.95		GRD	Weak-mod prop-phyllic altered granodiorite (GRD)
53.95	59.31		GRD	Silica and phyllic alt GRD, veins, veinlets, sulphide mi
59.31	68.73		POR	Qtz-feldspar porphyry dyke
68.73	102.72		GRD	Mod-strong prop-phyllic altered GRD
				EOH @ 102.72m

SAMPLES

Numbers: K272401-K272435

Total: 35

Batch: B1

Date Sent: July 19, 2011

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-22

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.12					CAS																					Casing no recovery
3.12	5.18					GRD	OR-BK-WH-GN					ms	prop?	t													GRD. Black, white, green flecked with pink GRD w/ very weak prop? Alt. Mod-strong oxidation throughout
5.18	24.31					GRD	BK-WH-OR	MA		m		m															GRD. Black, white, green flecked w/ pink GRD w/ very weak prop? Alt. Oxidation moderate and along fractures. Occasional clay alt with qtz/carb veins and veinlets and strong oxidation. Infrequent phyllic? Alt
			8.99	9.30						ms		ms															
			9.24			VEN									VN	45	<1										
			9.63	9.94		VEN						m			VT	25	0.10										
			21.83	22.16		GRD	DKGN	EN					prop	ms													Dark green phyllic? Alt envelope in GRD surrounding qtz veinlet infilled w/ pyrite
						VEN									VT	20	0.10			w							
24.31	46.67					GRD	Bk-Wh-=Gn						prop	t													GRD. Black, white, green flecked w/ pink massi ve coarse grained GRD w/ weak ?prop? Alt. Interval no longer. Xenoliths with ?tourmaline? Bearing finer grained more mafic country rock. Infrequent qtz-carb veinletting w/ moderate phyllic envelopes
			26.14	26.20		GRD	DK-Gn	EN					prop	ms													PROP ALT ENVELOPE. Drk green prop alt envelope in massive coarse grained GRD. Carbonate vein steeplydipping <1cm thick w/ pyrite stringers along contact
			26.15			VEN	GY								VN	70	1.00			w							
			35.33	35.39		GRD	DKGN	EN		t?		t	prop	w													PROPYLLITIC ENVELOPE & CALCITE VEIN. Drk green prop alt envelope in massive coarse grained GRD. Alt weak to mod vein fractured in two along dip (~thickness 1cm?) Vein of coarse calcite w/ weak oxidation and clay alt?
						VEN									VT	70	<1?										
			39.87	39.97		GRD	LTGN	EN					prop?	m													PROP? ENVELOPE W/ QTZ-CARB VEINING. Pale green mod prop? Alt envelope in massive, coarse grained GRD surrounding steeply dipping qtz carb veinlets and vein hosting short discontinuous pyrite stringers. Qtz grey white, coarse calcite visible along fracture.
			39.93	39.95		VEN	WH-GY								VN	75	<1			f							
			42.96	42.97		VEN									VN	35	2.00										Discont carbonate vein w/ mod phyllic alt envelope 2cm wide. Vein terminates in soft v. fine grained drk grey pocket. Clay? Pocket doesn't efferversce

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
46.68	52.20					GRD	LT-Dk Gn Wh-Pk	PA	m	ms			prop	w?													PHYLLIC, MONT, PROP ALTERATION. Light green, white, dark green patched zone of patched mod-strong montmorill alt mod phyllic and weak prop? Altered GRD. Argillic-phyllic contact observed subhorizontal to core axis. Core commonly broken. Zones with increase in diss sericite and pyrite. Pyrite stringers infrequent. Qtz-carb vein shallow dip w/ phyllic alt envelope 1cm thick
								DI												t							
															VT		0.10	0.50		f							
			47.56	47.85											VT	20	0.70										
52.20	53.63					GRD	WH-PK-LTGN		w	s			prop	t?													MONTMORILL ALT GRD. Whiteish pink w/ black flecks of strong montmorill alt GRD. Diss hematite observed. Carbonate veinlets infrequent. One long veinlet (carb?) runs at shallow angle along core axis - has black envelope 1cm across
			53.06	53.63											VT	25	<.1										
53.63	53.95					GRD	DKGN-RD		m?	s			prop	m?													Drk green and red strongly altered GRD- Very crumbly core. Strong montmorill . Alt mod phylllic? No py or sericite observed, mod prop? Platy hemtite and red stained core
53.95	56.74					GRD	BG-PK-GN		ms	s																	ARGILLIC ALT WITH VEINLETS. Beige, pink strong kaolinitic? Alt GRD w/ bands of light green phyllic alt GRD proximal to veinlet concentraions.. Diss pyrite in phyllic alt zones. Increase in qtz-carb veinlets (beige, milky) and occasional pyrite stringers with phyllic envelopes.
								DI												f							
															VT		<.3	6.00		w							
			56.49	56.53											VN	85	1.20			m							
56.74	57.67					GRD	Gy-Wh		t	s	ms																ARGILLIC ALT. Grey white strong kaolinitic alt Grd with fine grained grey veinlets (sericite?) beige white qtz carb veinlets. Diss py throughout w/ concentrations of massive p. Core very soft in places, qtz concentrations. Grey white veinlets various orientations from horizontal to vertical.
						VEN									VT	0-90	0.20	3.00		ms							
			56.67	56.83				DI-MA			ms									l							Grey white mod-strong silica alt GRD w/ diss to maissive pyrite. Strong increase in discont fine greained grey qtz? Veinlets and py stringers
															VT	70-90	0.10	11.00									
57.67	58.41					VEN?	wh-gy	FD			s?	m			VN	?	?			s-l							White-grey with red staining massive qtz to qtz flooded GRD? Silica alt? Diss py abundant, trace amounts of covellite? And a coarse clot of chalc. Milky netted qtz veins hosting py present
			58.21	58.25																				CP/CV	t/t		
			58.49	58.54		VEN									VN	45	<2										
58.57	58.63					C	BN	FL			s																STEALTH FIGHTER DIKE. Brownish green qtz oxide veinlet banded prphyry dike? Vuggy

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
58.63	59.44					VEN	GY-Wh								VN	45?	24.00			m							MASSIVE QTZ VEINING W/ BRECCIA. White grey massive qtz vein w/ deep striated vugs w/ minor diss pyrite and assoc. black breccia w/ massive qtz clasts and black microcrystalline matrix w/ diss py. Downhole looks like phylic alt w/ drk grey qtz? Veinlets crosscutting carbonate veinlets abundant
			58.63	58.70		BX	BK													m							
															VT	70	0.10	8.00									
			59.21	59.31		POR?	BG-ON			m		w			FT	?	10.00										Sheared beige porphyry dike? Clay alt w/ minor oxidation
															C												
59.31	68.73					POR	LTGN			m																	QTZ-FELDS PORHYRY DIKE. Light green massive qtz porphyry dike. Mod clay alt
			60.80	60.88			MT-DkGY													f				GN/Sph	%/w		SULPHIDE ZONE IN DIKE. Metallic grey massive fine to coarse grained sulphide zone. Diss py, massive blocky galena, xstalline blackjack sphal?
			60.88	61.06		POR	DKGY	EN							VT	75	0.30			w							QTZ VEINLETS. Milky qtz veinlets w/ drk grey fine grained envelope
			65.06	65.27		VEN				ms					VT	80	<.8										Qtz veinlets steeply dip and fracture dike. Clay alt strong at contact
			66.56	67.77		POR	BK								C?												CONTACT between dyke and phyllic alt GRD. Clay alt of dike at contact, phyllic alt of GRD at contact
68.74	72.13					GRD	LT-DKGN		s																		PHYLLIC ALT GRD. Light and dark green strong phyllic alt of GRD. Diss py throughout; black veinlets and pyrite stringers common
															VT	55	<.5			m							
			71.68	71.77		VEN			ms						VN	85	10.00										QTZ VEINING. Milky white grey creamy fractured discont. Qtz vein w/ abundant diss. Py within wide strong phyllic alt envelope
								DI												ms							
72.13	83.06					GRD	LTGN						prop	t													GRD. Light greeen coarse grained massive weakly prop alt GRD. Occasional qtz veinlets
83.06	102.72					GRD	DK-LTGN		w				prop	w													PROP. ALT GRD. Drk-light greeen GRD. Weak prop alt w/ zones of weak phyllic alt hematite located downhle. Aphanitic xenolith abundant
			86.40	101.61		GRD	GN-RD		w				prop	w	VN	<10	<2										APALITE DIKE. Red, aphanitic apalite dike running horizontal along core axis; x-cuts core width
			89.00	91.08		GRD	DKGN		w																		Prop-phyllic alt GRD core more crumbly
			93.10			GRD	RD																				Red diss hematite along fracture surface
																											EOH @ 102.72m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-11-22

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.12	3.12	0.00	0		1					Casing- no recovery
3.12	7.24	4.12	4.00	97	K272401	1					poor recovery
7.24	8.66	1.42	1.38	97	K272402	1					
8.66	9.60	0.94	0.98	100	K272403	1					
					K272404	1					Blank
9.60	12.90	3.30	3.40	100	K272405	1					
12.90	16.87	3.97	3.96	100	K272406	1					
16.87	20.96	4.09	3.94	96	K272407	1					
20.96	25.08	4.12	4.00	97	K272408	1					
25.08	26.46	1.38	1.24	90	K272409	1					
					K272410	1					STD CDN-ME-16
26.46	30.43	3.97	3.95	99	K272411	1					
30.43	34.47	4.04	4.03	100	K272412	1					
34.47	38.53	4.06	3.99	98	K272413	1					
					K272414	1					Duplicate
38.53	42.60	4.07	3.96	97	K272415	1					
42.60	46.65	4.05	4.04	100	K272416	1					
46.65	50.00	3.35	3.50	100	K272417	1					
50.00	53.58	3.58	3.58	100	K272418	1					
53.58	56.20	2.62	2.57	98	K272419	1					
56.20	59.44	3.24	2.88	89	K272420	1					
					K272421	1					Blank
59.44	61.40	1.96	2.03	100	K272422	1					
61.40	64.99	3.59	3.45	96	K272423	1					
64.99	68.75	3.76	3.64	97	K272424	1					
68.75	72.04	3.29	3.26	99	K272425	1					
72.04	75.87	3.83	3.77	98	K272426	1					
75.87	79.61	3.74	3.71	99	K272427	1					
79.61	82.98	3.37	3.42	100	K272428	1					
					K272429	1					STD CDN-ME-16
82.98	86.39	3.41	3.34	98	K272430	1					
86.39	89.00	2.61	2.60	100	K272431	1					
89.00	92.77	3.77	3.15	84	K272432	1					
92.77	96.13	3.36	3.30	98	K272433	1					
96.13	99.46	3.33	3.33	100	K272434	1					
99.46	102.72	3.26	3.31	100	K272435	1					EOH

GEOTECHNICAL LOG

HOLE: KL-11-22

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
3.12	5.18	2.06	2.10	102	0.11	5		HW		
5.18	8.23	3.05	2.96	97	1.97	65		SW		
8.23	11.28	3.05	3.26	107	1.38	45		MW		
11.28	14.33	3.05	2.99	98	1.65	54		MW		
14.33	17.37	3.04	3.11	102	1.83	60		SW		
17.37	20.42	3.05	2.90	95	1.70	56		SW		
20.42	23.47	3.05	3.03	99	2.45	80		SW		
23.47	26.52	3.05	2.85	93	1.74	57		FR		
26.52	29.57	3.05	3.00	98	2.06	68		FR		
29.57	32.61	3.04	3.02	99	2.56	84		FR		
32.61	35.66	3.05	3.03	99	2.23	73		FR		
35.66	38.71	3.05	2.96	97	2.55	84		FR		
38.71	41.76	3.05	2.97	97	2.38	78		FR		
41.76	44.81	3.05	3.06	100	2.51	82		FR		
44.81	47.85	3.04	3.02	99	2.04	67		FR		
47.85	50.90	3.05	3.07	101	1.01	33		FR		
50.90	53.97	3.07	3.01	98	1.10	36		FR		
53.97	57.00	3.03	2.97	98	1.17	39		FR		
57.00	60.04	3.04	2.93	96	0.57	19		FR		
60.04	63.09	3.05	2.82	92	0.48	16		FR		
63.09	66.14	3.05	3.14	103	0.79	26		FR		
66.14	69.19	3.05	3.05	100	1.05	34		FR		
69.19	72.24	3.05	3.04	100	2.02	66		FR		
72.24	75.29	3.05	2.98	98	2.30	75		FR		
75.29	78.33	3.04	2.90	95	2.00	66		FR		
78.33	81.38	3.05	3.03	99	2.56	84		FR		
81.38	84.43	3.05	3.04	100	1.88	62		FR		
84.43	87.48	3.05	2.94	96	1.47	48		FR		
87.48	90.53	3.05	2.75	90	0.76	25		FR		
90.53	93.57	3.04	3.16	104	1.13	37		FR		
93.57	96.67	3.10	3.07	99	2.20	71		FR		
96.67	99.67	3.00	3.15	105	2.39	80		FR		
99.67	102.72	3.05	3.10	102	2.09	69		FR		
										EOH @ 102.72

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-22

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00			8.837	
5.00			8.542	
6.00			14.49	
7.00			15.36	
8.00			11.46	
9.00			17.54	
10.00			14.44	
11.00			18.51	
12.00			19.46	
13.00			17.33	
14.00			17.76	
15.00			10	
16.00			19.85	
17.00			18.09	
18.00			15.62	
19.00			17.94	
20.00			9.255	
21.00			19.87	
22.00			0.659	
23.00			17.48	
24.00			17.09	
25.00			18.73	
26.00			17.18	
27.00			27.8	
28.00			12.06	
29.00			17.08	
30.00			18.29	
31.00			21.53	
32.00			19.45	
33.00			12.64	
34.00			17.84	
35.00			10.05	
36.00			16.53	
37.00			19.3	
38.00			17.22	
39.00			18.31	
40.00			18.41	
41.00			18.51	
42.00			20.07	
43.00			2.594	
44.00			15.94	
45.00			19.5	
46.00			16.96	
47.00			0.565	
48.00			0.82	
49.00			0.053	
50.00			0.15	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.211	
52.00			0.374	
53.00			0.612	
54.00			5.437	
55.00			0.168	
56.00			0.26	
57.00			0.043	
58.00			0.019	
59.00			0.051	
60.00			0.135	
61.00			0.125	
62.00			0.215	
63.00			0.363	
64.00			0.267	
65.00			0.219	
66.00			0.238	
67.00			0.244	
68.00			0.204	
69.00			0.232	
70.00			0.521	
71.00			3.116	
72.00			0.154	
73.00			3.459	
74.00			0.682	
75.00			12.2	
76.00			7.97	
77.00			18.98	
78.00			11.05	
79.00			15.67	
80.00			13.55	
81.00			14.63	
82.00			16.83	
83.00			17.22	
84.00			14.06	
85.00			0.406	
86.00			0.411	
87.00			0.537	
88.00			1.311	
89.00			1.517	
90.00			0.522	
91.00			10.01	
92.00			1.925	
93.00			3.727	
94.00			23.76	
95.00			21.81	
96.00			12	
97.00			18.17	
98.00			20.57	
99.00			18.62	
100.00			16.14	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			20.87	
102.00			8.734	
				EOH @ 102.72m

BOX LOG

HOLE: KL-11-22

BOX	FROM (m)	TO (m)
1	3.12	8.56
2	8.56	14.13
3	14.13	19.73
4	19.73	25.40
5	25.40	31.16
6	31.36	37.00
7	37.00	42.90
8	42.90	48.50
9	48.50	53.95
10	53.95	59.54
11	59.54	64.53
12	64.53	69.99
13	69.99	75.66
14	75.66	81.38
15	81.38	86.84
16	86.84	92.08
17	92.08	97.83
18	97.83	102.72
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382323.43	6889587.1	1389.219	136.25

SECTION:

HOLE: KL-11-23

CLAIM:

Contractor: Eltite Diamond Drilling

Drill:

Core size: BTW (EOH)

Casing depth: 3.43 (m) in / **out**

Drilling dates: June 25 - 26, 2011

Geology logged by: J. Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	90.53	41.3	-47.5	Ranger
29.56	40.6	-49.5	Ranger	105.76	42.9	-46.8	Ranger
44.81	41.3	-49	Ranger	121.01	42	-46.6	Ranger
60.05	41.5	-48.5	Ranger	136.25	43.5	-46.1	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.43	3.43	CAS	Casing; no recovery
3.43	8.65	5.22	GRD	Weathered granodiorite with limonite
8.65				

SAMPLES

Numbers: K272436 - K272491

Total: 56

Batch: DDH-23 B1, B2(20 only)

Date Sent: B1-2 (07-22)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-23

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.43	3.43																									Casing, no recovery
3.43	8.65	5.22				GRD	BNOR			tw		m	lim	m	Fx	65											weathered granodiorite; strongly oxidized GRD, weakly clay altered. Competent core rock with minor blocky zones. Low veining density. Moderate limonite staining.
			3.43	5.12	1.69		GY		t			t	lim	t												Unaltered granodiorite; limonite stained fractures.
			3.91	4.07	0.16		GN		w				lim	tw						tw						very weak phyllic alteration hosting minor disseminated pyrite.
8.65	106.69	98.04				GRD	GYGN		tw				lim	tw	Fx	60											unaltered granodiorite; limonite stained fractures, rock grades in and out of phyllic/propylitic altered zones. Minor hematite late in the series. Some argillic altered zones, zones are strongly limonite stained.
			11.76	11.79	0.03	APL	PK								DY	80											Aplite dyke
			11.93	12.06	0.13	MAF	DKGN								DY	85											fine grained mafic dyke, limonite stained fractures.
			12.23	12.25	0.02	APL	PK								DY	50											Aplite dyke
			14.24	14.53	0.29		GN						PRO	t	Fx	60								lim	t		Propylitic altered envelope around a limonite hematite stained fracture at 4.33 m orientated at 60 degrees
					0.00																			He	t		
			15.35	15.37	0.02	APL	PK								DY	65											Aplite dyke
			16.77	17.24	0.47		GNOR		w		w									t				Se	tw		Phyllic altered envelope hosting minor disseminated pyrite and limonite stained fractures. Silver sericite crystals.
			17.00	17.03	0.03	VEN		FL				t			VN	55				f							
			19.25	19.85	0.60		GNOR						PRO	w										lim	tw		Propylitic altered granodiorite around limonite stained fractures. Dark green colour fades into a pale green late in the zone. Hematite blebs disseminated through interval.
																								He	t		
			20.40	20.54	0.14	MAF	DKGN								DY	85											Fine grained mafic dyke. Limonite stained fractures.
			23.68	24.19	0.51		ORWH			m		ms	ARG	m													Weak propyltic granodiorite grading into a highly limonite stained, argillic altered kaolinite rich interval.
			24.57	24.75	0.18	VEN	GN				tw		PRO	m	VN	75				t				lim	t		Propylitic altered envelope around a quartz vein hosting disseminated pyrite at 24.65m. Very weak limonite staining around vein and in fractures.
			26.01	26.52	0.51		GNWH			w		tw	ARG	tw										lim	m		Argillic altered zone grades into extremely rubbly material at the end. Narrow quartz veinlet at center of zone.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			27.03	27.37	0.34		ORWH					t	ARG	m										lim	m		Argillic altered granodiorite. Very competent for an argillic altered zone. kaolinite veinlets throughout zone.
			30.45	31.04	0.59		ORGN				tw		PRO	t										lim	ms		Highly oxidized, propylitic altered envelope, strong quartz flooding in center of zone. Blocky area at end of zone.
			31.04	35.50	4.46		LTGY					tw												Ca	tw		Much coarser grained granodiorite absent of k-feldspar phenocrysts. Strong limonite staining in numerous fractures with all varieties of orientation. Fractures host massive calcite veinlets with areas of calcite veins.
																								lim	tw		
			33.18	33.46	0.28	VEN	WHOR	VU				tw												Ca	>20		Massive calcite vein with zones of intense limonite staining. Vuggy.
																								lim	tw		
			44.25	44.35	0.10		GN				tw		PRO	m	VT	85											Propylitic altered envelope around a chalcedony veinlet <1cm. Smaller veinlets around main one.
			45.16	48.00	2.84		LTGY	BK				tw												lim	tw		Coarser grained granodiorite absent of k-feldspar phenocrysts. Strong limonite staining in fractures
			47.67	47.70	0.03	VEN	GY	FL			s																smokey quartz vein with milky quartz stringers running parallel through it.
			52.04	52.11	0.07		GN				tw		PRO	m										Cl	tw		Propylitic altered granodiorite, apparent chlorite crystals.
			54.02	54.58	0.56	BXA	GN	BX	t			t			BX	60				t				lim	t		Phyllic (weak) altered silicious breccia zone. Zone is soft and broken and hosts very rare disseminated pyrite. Breccia clasts are largely milky quartz. Limonite staining in fractures.
			55.03	55.27	0.24	VEN	GN	VU	tw		tw				VN	55				tw				Go?	t		Phyllic altered vein zone hosting disseminated pyrite and sheeted milky quartz veins. Veins are vuggy, no sulphides in veins. Fractures have goethite/chlorite? Staining on surfaces.
			55.72	56.01	0.29		BKGN	BK					PRO	tw						t				Go	tw		Propylitic altered zone with narrow milky quartz stringers. Goethite stained fractures. Minor disseminated pyrite on fracture surfaces.
			56.48	57.00	0.52	VEN	WHGN		w		w				VN	60				t				Se	t		Weak phyllic altered milky quartz vein zone. Pale green colour, sericitized, very rare fine grained pyrite. Chlorite at end of zone.
																								Cl	t		
			60.44	61.06	0.62	VEN	WHGN	NE	t		ms				VN	80								Se	tw		Vein zone hosting netted milky quartz veins and veinlets. Puke green coloured, phyllic altered granodiorite between quartz veins. Quartz flooded, some smokey quartz in place of milky quartz.
			61.42	61.54	0.12	MAF	DKGN								DY	85											fine grained mafic dyke hosting small white phenocrysts (feldspar?).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			63.78	64.08	0.30		DKRD	BK																He	s		Strongly hematite altered zone. Extreme hematite staining in fractures. Chlorite crystals in competent, hematite free areas.
																								Cl	tw		
			65.61	65.64	0.03	VEN	LTGN								VN	40								Ep	m		1cm epidote vein crosscutting unaltered granodiorite. No sulphides.
			68.22	68.58	0.36		PK	FD			f		POT	w										He	f		Potassic altered zone hosting pervasive hematite and epidote. Area is quartz flooded and hosts a dappled texture. Quartz flooded zone acts like a zenolith and does not pass through the core.
																								Ep	f		
			68.58	67.20	-1.38		WHBK	SA		s														Cl	tw		Argillic altered zone, extremely broken/sand hosting minor ammounts of chlorite in altered material. Clasts of unaltered granodiorite through zone. Speckled look.
			67.81	68.26			DKGN	FG					PRO	tw													Propylitic (weak) altered fine grained granodiorite. Very dark green colour. Argillic/carbonate alteration in fractures.
			68.96	69.03		APL	PK								DY	40											Aplite dyke
			71.99	72.54			GNWH			w			PRO	tw													Argillic to propylitic altered zone. Pale green to white in colour. Easy to identify granodiorite characteristics (weak alteration).
			72.99	73.20			DKGN						PRO	tw													Weak propylitic alteration around a very broken cracked area in the middle. Green colour to the granodiorite. Otherwise unaltered.
			75.02	75.47			DKGN				t		PRO	tw										Cl	tw		Slightly increased siliciousness in a dark green propylitic granodiorite. Chlorite disseminated in zone, particularly prevelent in quartz rich areas.
			76.14	76.22		VN	GN				w		PRO	f	VN	80											Milky quartz vein 1cm in width surrounded by a propylitic altered envelope. Very weak potassic altered clasts extremely spaced out. kaolinite disseminated in zone.
			78.66	78.83		VN	GNWH				tw		PRO	f	VN	85											Milky quartz vein 3cm in width surrounded by a propylitic altered kaolinite disseminated in zone.
			82.21	82.26		APL	PK								DY	80											Aplite dyke
			86.52	86.92			LTGN		f		t									f				Se	w		Phyllic altered envelope around a quartz/massive pyrite vein zone. Zone hosts disseminated pyrite and sericite throughout zone. Increased abundance near vein. Weak quartz flooding.
			86.74	86.80		VN		FL			30				VN	80				i							Milky quartz vein hosting massive to disseminated pyrite. Smokey quartz vein on footwall side of milky quartz vein. Vein appears somewhat brecciated with milky quartz hosting angular smokey quartz clasts. Massive pyrite vein on hanging wall side.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			92.64	93.09			GNWH			w			ARG	w													Argillic altered zone. Speckled white and green. Very broken. Unaltered fragments of granodiorite throughout zone. Carbonate in fractures
			97.83	98.92			GNWH			w			ARG	w													Argillic altered zone. Speckled white and green. Very broken. Unaltered fragments of granodiorite throughout zone. Carbonate in fractures. Very competent for clay altered zone.
			98.92	99.45			LTGN		f		tw									tw							Phyllic altered envelope around a quartz/pyrite vein. Zone is pale green in colour and hosts pervasive pyrite. Rock is quartz flooded.
			99.08	99.25		VN		FL	i		30				VN	75				f							Silicious banded milky quartz/smokey quartz vein zone hosting pervasive pyrite.
			103.68	103.92			GN	FD	s		f									tw				Cl	tw		Quartz flooded, phyllic altered zone, pale green colour hosting disseminated pyrite. Some minor pyrite stringers. Chlorite blebs (rare). Some smokey quartz stringers in zone.
			104.86	105.64			LTGN	FD	s		f									tw				Go	w		Strongly phyllic altered zone hosting quartz/pyrite veins. Goethite disseminated in rock and along fractures at front of zone. Disseminated pyrite and sericite throughout (pale green colour). Milky quartz veins and veinlets in zone are orientated at 55 degrees.
																								Se	f		
			105.32	105.42		VN		FL	i		30				VN	75				tw							Banded smokey and milky quartz vein hosting massive pyrite veinlets and disseminated pyrite. Ankorite stringers in zone. Quartz is slightly vuggy. Flow banded structures are prevelent.
			105.64	106.69			DKGN						PRO	t										CL	w		Weakly propylitic altered granodiorite. Strong chlorite pervasive in zone. Competent rock grades to mostly unaltered in areas. Minor argillic alteration in fractures.
106.69	109.00					GRD	GNGY		i		i									s		tw	tw	Se	w		Intensely phyllic altered vein zone hosting numerous vuggy quartz, pyrite, sphalerite veins and veinlets. Most are orientated at 75 degrees. Area has pervasive pyrite throughout and rare blebs of galena in vein zones. Minor argillic alteration in some areas. sericite is found throughout (strong).
			106.89	106.93		VN	GY	FL			60				VN	80				s				He	t		Banded smokey and milky quartz vein hosting blebby to massive pyrite. Very rare disseminated hematite.
			106.97	107.01					i						GO	80				s							Intense phyllic altered granodiorite down to gouge. Large pyrite cubes disseminated in zone. Pale green colour.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			107.15	107.50		VN		FL	i		20				VN	60				s				He	t		Milky quartz vein zone. Quartz veins upto 3cm wide run parallel to each other and host massive to blebby pyrite. Zone is extremely quartz flooded. Weak disseminated hematite in zone. Pervasive pyrite/sericite throughout zone.
			107.72	107.81		VN		FL	i		50				VN	55				s			t				Milky quartz vein zone. Quartz veins upto 3cm wide run parallel to each other and host massive to blebby pyrite. Zone is extremely quartz flooded. Weak disseminated hematite in zone. Pervasive pyrite/sericite throughout zone. Zone includes some smokey quartz bands.
			108.03	108.22		VN		FL	i		50				VN	75				s		t	t	He	tw		Quartz vein hosting disseminated galena, massive pyrite veins and sphalerite stringers. Pervasive pyrite throughout. Quartz netted hematite veinlets in zone. Both smokey and milky quartz varieties prevelent.
			108.70	109.00				BK	i		i									w				Se	w		Phyllic altered granodiorite hosting pervasive pyrite and sericite. Highly quartz flooded. Fragmented and extremely blocky.
109.00	110.55					VN	MT	MA			i				VN	80				i	m	ms	f	Cp	f		Massive vein zone extremely strong, alternating from milky quartz, sphalerite, pyrite and arsenopyrite veins. Veins host blebby galena throughout. Smokey and milky quartz intertwine between massive sulphide veins. Blebby chalcopyrite is also found throughout zone. blocky fragments.
110.55	111.43					FEL	LTGY	MA							DY	75											Feldspar porphyry dyke. Netted fractures. Feldspars have gone pale green.
111.43	114.31					GRD	LTGN	DN	i											w				Se	w		Intensely phyllic altered zone hosting numerous quartz veins. Large areas of clay gouge. Strong clay in fractures. Strong disseminated pyrite/sericite throughout zone. Pale green sericitized colour.
			111.43	111.81			DKGY		i						GO	75				s	tw						Strong clay gouge zone. Extremely broken. Comeptent clasts of quartz (smokey) hosting massive to disseminated arsenopyrite and pyrite. Pervasive pyrite through zone.
			112.10	112.17			DKGY		i						GO	60				s							Strong clay gouge zone. Extremely broken. Comeptent clasts of quartz (smokey) hosting massive to disseminated pyrite. Pervasive pyrite through zone.
			113.09	113.10		APL	PK								DY	85											altered aplite dyke. Very pale in colour
			113.24	113.32			DKGY		i						GO	75								Se	w		very broken clay gouge area. Pale green dark grey colour. No sulphides. Strongly sericitized.
			113.57	113.68			DKGN		i						GO	65								Se	w		very broken clay gouge area. Pale green dark grey colour. No sulphides. Strongly sericitized.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			114.02	114.31			GY		i						GO	70											Gouge zone contact with quartz feldspar porphyry dyke. Gouge is half dyke, half phyllic altered granodiorite. Forest green band in the middle. Extremely broken.
114.31	116.01					FEL	LTGY	MA							DY	75											Quartz feldspar porphyry dyke. Netted fractures
116.01	117.40					GRD	LTGN	DN	i															Se	f		Intensely phyllic altered granodiorite hosting large area of clay gouge. Some minor quartz veining. Strong pervasive sericite. Chlorite in some small loacations (disseminated).
																								Cl	t		
			116.01	116.13		VN	DKGY				i																Netted smokey/milky quartz vein. Zone very silicious. No sulphides.
			116.77	117.41			GN		i						GO	70								Se	w		extremely altered gouge area. Milky quartz fragments throughout. Strong chlorite in some locals. Sericite throughout. No sulphides.
																								Cl	tw		
117.40	121.30					FEL	LTGY	MA							DY	80											Quartz feldspar porphyry dyke. More finegrained than usual.
121.30	136.25					GRD	GY																				Fresh or unaltered granodiorite, small infrequent narrow phyllic and propylitic altered zones at beginning of intercept near the dyke's footwall. Very little mineralization.
			121.30	122.14			LTGN		s		f				VN	75				w				Se	w		Quartz flooded, phyllic altered zone hosting disseminated pyrite/sericite. Strong quartz at beginning of zone adjacent to dyke. Milky quartz veinlets crosscut zone. Dark green early in zone grades out to light and then puke green late in the interval.
			122.94	123.02			BKWH			s					C	75											Speckled strongly argillic altered zone. Very soft. Possible biotite alteration. Kaolinite prevalent. Pale pink feldspars in zone.
			123.02	123.34			GN		tw		t				VT	60				t				Ep	tw		Weak phyllic altered zone. Minor disseminated pyrite. Disseminated epidote in zone. Weak sericite. Some milky quartz veinlets at beginning of zone.
																								Se	t		
			123.73	124.13			GN			t			PRO	tw										He	t		Propylitic altered envelope. Minor disseminated hematite. Minor quartz flooding. Large sericite crystals loosely spread out over interval.
																								Se	tw		
			132.39	132.57		MAF	DK	FG							DY	60											Mafic, fine grained dyke. Dark green to black in colour.
																											136.25 E.O.H.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-23

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
3.20	5.18	1.98	1.85	93	0.87	44	MS	MW		OVB
5.18	8.23	3.05	2.52	98	1.09	36	S	MW		OVB
8.23	11.28	3.05	3.00	100	1.26	41	MS	MW		
11.28	14.33	3.05	3.04	95	1.56	51	MS	MW		
14.33	17.37	3.04	2.90	99	2.10	69	MS	SW		
17.37	20.42	3.05	3.01	95	2.38	78	MS	SW		
20.42	23.47	3.05	2.91	97	2.20	72	S	SW		
23.47	26.52	3.05	2.95	100	1.32	43	MS	SW		
26.52	29.27	2.75	3.04	108	2.10	76	S	SW		
29.27	32.61	3.34	2.97	87	1.13	34	S	SW		
32.61	35.66	3.05	2.92	97	0.80	26	MS	SW		
35.66	38.71	3.05	2.96	100	1.36	45	MS	SW		
38.71	41.76	3.05	3.05	97	1.90	62	S	SW		
41.76	44.81	3.05	2.97	100	2.00	66	MS	SW		
44.81	47.85	3.04	3.06	95	0.59	19	S	SW		
47.85	50.90	3.05	2.90	89	1.23	40	S	SW		
50.90	53.95	3.05	2.70	92	0.47	15	MS	SW		
53.95	57.00	3.05	2.80	100	0.58	19	S	FR		
57.00	60.05	3.05	3.04	99	1.90	62	MS	FR		
60.05	63.09	3.04	3.02	72	0.89	29	MS	FR		
63.09	66.14	3.05	2.20	102	0.97	32	MS	FR		
66.14	69.19	3.05	3.12	100	0.90	30	MS	FR		
69.19	72.24	3.05	3.05	97	2.16	71	S	FR		
72.24	75.23	2.99	2.96	104	2.23	75	MS	FR		
75.23	78.33	3.10	3.10	98	1.83	59	S	FR		
78.33	81.38	3.05	3.04	104	2.13	70	S	FR		
81.38	84.43	3.05	3.17	99	2.27	74	S	FR		
84.43	87.48	3.05	3.02	100	1.80	59	MS	FR		
87.48	90.53	3.05	3.06	96	1.38	45	MS	FR		
90.53	93.57	3.04	2.94	90	1.26	41	MS	FR		
93.57	96.62	3.05	2.75	93	0.70	23	MS	FR		
96.62	99.67	3.05	2.85	102	1.50	49	MS	FR		
99.67	102.72	3.05	3.10	90	1.22	40	MS	FR		
102.72	105.77	3.05	2.74	95	1.10	36	S	FR		
105.77	108.81	3.04	2.91	82	1.50	49	MS	FR		
108.81	111.86	3.05	2.48	95	0.64	21	S	FR		
111.86	114.91	3.05	2.91	93	0.85	28	S	FR		
114.91	117.96	3.05	2.83	101	0.97	32	S	FR		
117.96	121.00	3.04	3.08	97	1.86	61	MS	FR		
121.00	124.05	3.05	2.96	94	1.79	59	MS	FR		
124.05	127.10	3.05	2.86	100	2.12	70	MS	FR		
127.10	130.15	3.05	3.06	92	2.10	69	MS	FR		
130.15	133.20	3.05	2.80	95	2.28	75	MS	FR		
133.20	136.25	3.05	2.90	95	1.02	33	MS	FR		
EOH @ 136.25m										

SAMPLE LOG

HOLE: KL-11-23

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.43	3.43	0.00	0	n/s						Casing/overburden - no recovery
3.43	5.12	1.69	1.68	99	K272436	1					
5.12	8.65	3.53	2.66	75	K272437	1					
8.65	12.57	3.92	3.62	92	K272438	1					
12.57	16.49	3.92	4.03	103	K272439	1					
16.49	17.48	0.99	0.99	100	K272440	1					mineralized veinlet
					K272441						Blank
17.48	21.50	4.02	3.65	91	K272442	1					
21.50	25.50	4.00	3.92	98	K272443	1					
25.50	29.50	4.00	3.68	92	K272444	1					
					K272445						Duplicate of K272444
29.50	31.04	1.54	1.48	96	K272446	1					
31.04	35.50	4.46	3.95	89	K272447	1					
35.50	39.50	4.00	4.00	100	K272448	1					
39.50	43.50	4.00	4.00	100	K272449	1					
					K272450						ME-16 standard
43.50	45.16	1.66	1.66	100	K272451	1					
45.16	48.00	2.84	2.99	105	K272452	1					
48.00	52.00	4.00	4.00	100	K272453	1					
52.00	53.54	1.54	1.54	100	K272454	1					
53.54	54.54	1.00	1.00	100	K272455	1					silicious breccia
54.54	57.00	2.46	2.18	89	K272456	1					
57.00	60.47	3.47	3.47	100	K272457	1					
60.47	61.42	0.95	0.95	100	K272458	1					milky quartz vein
					K272459	1					Blank
61.42	63.83	2.41	2.24	93	K272460	1					
63.83	66.40	2.57	2.25	88	K272461	1					
66.40	67.19	0.79	0.80	101	K272462	1					
67.19	71.19	4.00	3.99	100	K272463	1					
71.19	75.19	4.00	4.00	100	K272464	1					
					K272465	1					ME-16 standard
75.19	79.19	4.00	4.00	100	K272466	1					
79.19	83.19	4.00	4.00	100	K272467	1					
83.19	86.28	3.09	3.09	100	K272468	1					
86.28	87.28	1.00	1.00	100	K272469	1					
87.28	91.28	4.00	4.00	100	K272470	1					
91.28	95.28	4.00	4.00	100	K272471	1					
95.28	97.83	2.55	2.53	99	K272472	2					
97.83	99.39	1.56	1.48	95	K272473	2					
99.39	103.69	4.30	4.30	100	K272474	2					
					K272475	2					Duplicate
103.69	104.95	1.26	1.28	102	K272476	2					
104.95	106.69	1.74	1.78	102	K272477	2					
106.69	109.00	2.31	2.41	104	K272478	2					
109.00	110.55	1.55	1.30	84	K272479	2					
					K272480	2					Blank
110.55	111.43	0.88	0.82	93	K272481	2					
111.43	114.31	2.88	2.80	97	K272482	2					
114.31	116.01	1.70	1.70	100	K272483	2					
116.01	117.40	1.39	1.39	100	K272484	2					
					K272485	2					ME-16 standard
117.40	121.30	3.90	4.09	105	K272486	2					
121.30	122.14	0.84	0.78	93	K272487	2					
122.14	124.05	1.91	1.98	104	K272488	2					
124.05	128.05	4.00	4.00	100	K272489	2					
128.05	132.05	4.00	4.00	100	K272490	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
132.05	136.25	4.20	4.20	100	K272491	2					E.O.H.

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-23

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Possible over-
2.00				Possible over-
3.00			12.28	
4.00			0.49	
5.00			6.66	
6.00			3.57	
7.00			4.80	
8.00			2.14	
9.00			4.23	
10.00			10.96	
11.00			11.50	
12.00			13.26	
13.00			9.71	
14.00			4.02	
15.00			10.52	
16.00			5.69	
17.00			7.54	
18.00			6.92	
19.00			7.02	
20.00			11.70	
21.00			13.84	
22.00			8.42	
23.00			10.43	
24.00			0.91	
25.00			11.93	
26.00			20.09	
27.00			5.06	
28.00			6.13	
29.00			7.33	
30.00			13.12	
31.00			2.86	
32.00			3.75	
33.00			7.40	
34.00			8.79	
35.00			3.96	
36.00			11.30	
37.00			29.13	
38.00			18.90	
39.00			16.01	
40.00			11.28	
41.00			14.35	
42.00			15.75	
43.00			13.09	
44.00			14.79	
45.00			5.84	
46.00			5.11	
47.00			10.43	
48.00			16.18	
49.00			13.66	
50.00			13.50	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			11.49	
52.00			11.8	
53.00			3.725	
54.00			1.879	
55.00			2.249	
56.00			1.671	
57.00			1.412	
58.00			4.956	
59.00			4.43	
60.00			2.32	
61.00			0.519	
62.00			0.494	
63.00			3.199	
64.00			0.946	
65.00			6.883	
66.00			12.49	
67.00			10.5	
68.00			1.311	
69.00			3.717	
70.00			14.84	
71.00			13.72	
72.00			6.525	
73.00			4.851	
74.00			11.66	
75.00			12.95	
76.00			15.03	
77.00			3.713	
78.00			9.231	
79.00			9.265	
80.00			9.955	
81.00			7.121	
82.00			18.82	
83.00			7.974	
84.00			9.696	
85.00			13.81	
86.00			4.399	
87.00			10.35	
88.00			13.79	
89.00			12.69	
90.00			5.027	
91.00			4.956	
92.00			5.671	
93.00			10.71	
94.00			13.62	
95.00			5.649	
96.00			5.401	
97.00			9.381	
98.00			1.581	
99.00			0.245	
100.00			9.128	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			20.98	
102.00			8.09	
103.00			10.82	
104.00			5.48	
105.00			0.35	
106.00			5.06	
107.00			0.11	
108.00			0.07	
109.00			0.06	
110.00			0.28	
111.00			0.22	
112.00			0.31	
113.00			0.26	
114.00			0.07	
115.00			0.24	
116.00			0.37	
117.00			1.72	
118.00			0.21	
119.00			0.76	
120.00			0.45	
121.00			0.18	
122.00			0.47	
123.00			0.50	
124.00			0.21	
125.00			5.11	
126.00			19.69	
127.00			17.86	
128.00			20.54	
129.00			26.66	
130.00			13.92	
131.00			19.53	
132.00			17.30	
133.00			20.44	
134.00			11.62	
135.00			18.00	
136.00			16.00	
EOH @ 136.25m				

BOX LOG

HOLE: KL-11-23

BOX	FROM (m)	TO (m)
1	3.20	8.52
2	8.52	13.85
3	13.85	19.60
4	19.60	25.29
5	25.29	31.19
6	31.19	36.98
7	36.98	42.62
8	42.62	48.42
9	48.42	53.95
10	53.95	59.88
11	59.88	66.14
12	66.14	71.05
13	71.05	76.95
14	76.95	82.62
15	82.62	88.29
16	88.29	93.77
17	93.77	99.29
18	99.29	104.87
19	104.87	110.21
20	110.21	115.67
21	115.67	121.47
22	121.47	127.47
23	127.47	133.25
24	133.25	136.25
	EOH @ 136.25m	

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382619.63	6889365.05	1425.70	361.8

ZONE:

SECTION:

HOLE: KL-11-24

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (361.8m / EOH)

Casing depth: 3.64 (m) in / **out**

Drilling dates: June 27 - July 02, 2011

Geology logged by:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	178.91	38	-49.1	Ranger
56.99	36.8	-50.4	Ranger	209.39	38.3	-48.7	Ranger
87.48	37.1	-50.4	Ranger	270.36	36.4	-47.7	Ranger
117.96	38.1	-50.1	Ranger	331.32	37.1	-46.5	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.64	3.64	CAS	Overburden (no recovery)
3.64	42.32	38.68	GRD	Oxidized, unaltered granodiorite.
42.32	57.00	14.68	GRD/FEL	Highly phyllic altered granodiorite hosting two
				feldspar porphyry dykes with narrow mineralized
				breccia envelopes.
57.00	76.45	19.45	VN	BRX zone. Massive pyrite/sphalerite/arsenopyrite
				hosted in milky quartz veins with extremely phyllic
				altered granodiorite envelopes. Numerous feldspar
				porphyry dykes in zone.
76.45	208.55	132.10	GRD	Patchy propylitic and phyllic altered granodiorite
				hosting numerous, infrequent quartz veins with
				massive to blebby pyrite and chalcopyrite.
208.55	215.82	7.27	VN	Vein zone hosting massive galena/sphalerite/pyrite
				and chalcopyrite.
215.82	316.28	100.46	GRD	Alternating propylitic/phyllic altered granodiorite.
				Few argillic altered zones.
316.28	320.21	3.93	VN	Vein zone hosting massive galena/sphalerite/pyrite
320.21	361.8	41.59	GRD	Largely unaltered granodiorite

SAMPLES

Numbers: k272492 - K272685

Total: 194

Batch: DDH-24 B1-B6

Date Sent: B1-2 (07-31), B3-4 (08-02), B5-6 (08-04)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-24

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.64																										Casing, no recovery
3.64	31.49					GRD	GYOR					w												Lim	w		Unaltered granodiorite, very competent, large zones of oxidized granodiorite. Oxidation in fractures. Some minor goethite and hematite associated with limonite/oxidized zones. Limonite is typically coloured bright orange.
			4.13	4.21			OR					i			FX	55								Lim	s		Highly oxidized granodiorite around a fracture orientated at 55 degrees.
			4.38	4.49			OR					i			FX	80								Lim	s		Highly oxidized granodiorite around a fracture orientated at 80 degrees.
			5.91	7.22			OR			tw		i			C	60								He	t		Highly limonite stained/oxidized granodiorite. Moderate argillic alteration appears beneath limonite staining. Highly argillic altered areas are very broken. Rock is fairly soft. Prevalent goethite staining on some fractures. Rare hematite bands and quartz stringers in zone. Possible, very weak chlorite in some areas.
																								Go	tw		
			8.78	8.84			OR					i			FX	75								Lim	s		Highly oxidized granodiorite around a fracture orientated at 75 degrees.
			9.31	9.79			OR			tw		i												Lim	s		Argillic altered, strongly oxidized zone. Very broken/soft. Possible biotite alteration in zone. Large abundance of kaolinite. Zone grades into a more competent fine grained material with goethite staining on fractures.
																								Bi	t		
			9.79	10.07			GN			tw		t												Lim	s		Highly altered and fractured broken clay zone. Clay material is green stained. Fragments in zone appear fine-grained and goethite stained.
																								Go	t		
			10.69	11.05			OR	FD			w													Lim	s		Oxidized, quartz flooded zone. Dappled quartz in zone. Weak hematite around some fractures. Hematite stained quartz stringers at center of zone.
																								He	t		
			11.26	11.29			OR					i			FX	80								Lim	s		Highly oxidized granodiorite around a fracture orientated at 80 degrees.
			11.70	11.74			OR					i			FX	80								Lim	s		Highly oxidized granodiorite around a fracture orientated at 80 degrees.
			12.08	12.81			ORGN				t	m	PRO	w	VT	45				t				Lim	m		Oxidized propylitic altered granodiorite. Pale greer colour where not oxidized. Rare disseminated sericite in oxidized zones (metallic). Thin pyrite stringer in center of zone . Minor silica flooding through zone.
																								Se	t		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			13.21	13.29			ORGN		t			m			VT	75				t				Lim	tw		Weakly phyllic altered. Oxidized granodiorite. Very weak/minor disseminated pyrite in zone. Pyrite stringer adjacent to milky quartz stringer at center of zone.
			13.79	15.86			ORGN			tw		i												Lim	s		extremely limonite altered, highly fractured, oxidized granodiorite. Broken. Hematite throughout zone. Disseminated biotite in clay altered regions (biotite alteration?). Hematite is a deep red colour. Zone is bright orange.
																								He	w		
			14.73	14.76		VN	WHGY	FL			100				VN	80				t							Banded milky quartz and smokey quartz vein zone hosting very rare, fine grained disseminated pyrite.
			15.53	17.31			ORGY	BK				s												Lim	s		Oxidized granodiorite. Extremely strong/orange limonite in fractures. Fractures orientated sub-parallel with core. Blocky composition. Competent rock.
			19.35	19.43		MAF	DKGN								DY	75											Fine grained mafic dyke hosting large white phenocrysts . Dyke is very dark green in colour.
31.49	40.26					GRD	ORGY	BK		tw		i	ARG	tw										Lim	s		Extremely oxidized. Blocky granodiorite. Large areas of clay gouge. Minimal areas of phyllic to propylitic altered granodiorite. Milky quartz clasts throughout gouge zones. Very minor pyrite, galena, hematite in zone.
			33.18	33.41			ORGN		w		tw	m			C	50				tw				Lim	s		Silica flooded, highly phyllic altered zone hosting disseminated to blebby pyrite. Milky quartz and smokey quartz veins and veinlets. Low angle pyrite veinlet along whole interval. Sulphide pitted, highly oxidized.
			33.53	33.56		VN	GYWH	FL			80	m			VN	70								Lim	tw		Flow banded milky and smokey quartz veins. Vuggy texture at footwall contact.
			34.14	34.93			OR				tw	m			GO	60								Lim	w		Extremely broken gouge. Quartz fragments throughout zone. Some clasts appear sulphide pitted and possibly phyllic altered. Oxidized.
			35.05	35.11		VN	GNWH		tw		t	m			VN	65				w				Lim	w		Phyllic altered, oxidized granodiorite hosting a massive pyrite vein 1cm wide. Disseminated pyrite throughout zone. Abundant silica in zone and quartz fragments.
			35.14	35.27		VN	GNWH		tw			m			VN	70				w				Se	t		Sulphide pitted phyllic altered granodiorite. Light, pale green colour. Minor disseminated sericite in zone. Massive pyrite vein 1cm wide in center of zone. Oxidized edges.
			35.71	36.95		VN	GNWH	BK	tw		t	w			VN	80				tw		tw	tw	He	tw		Phyllic altered vein zone, pale green/white granodiorite cross cut by purple, hematite stained veins hosting blebby to massive pyrite, galena and sphalerite. 3 one cm veins in a 20cm zone. Milky and smokey quartz also present.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			36.38	36.76		VN	GNWH	BK	tw		t	w			VN	80				tw			tw	He	w		Phyllic altered vein zone, pale green/white granodiorite cross cut by purple, hematite stained veins hosting blebby to massive pyrite. Galena weakly disseminated in zone. Milky and smokey quartz also present.
			36.94	37.54			ORGN					w	PRO	tw										Lim	m		Weakly propylitic altered granodiorite. Competent, moderate oxidation.
			38.17	39.07			GN		w		t	tw								t				Se	t		Phyllic altered granodiorite hosting trace disseminated pyrite and sericite. Narrow argillic zones. Smokey and milky quartz stringers and veinlets cut zone. Pyrite increasing around veinlets.
40.26	42.32					GRD	GY					tw															Lightly oxidized, unaltered granodiorite. Very competent, includes altered zone at granodiorite/dyke contact.
			40.52	40.73			ORBN	FD	tw		tw	s												Se	t		Silica flooded, phyllic altered, highly oxidized zone. Disseminated sericite (metallic) through zone. Smokey quartz stringers in zone.
																								Lim	m		
			40.89	41.00		MAF	DK								DY	50											Mafic dyke. White disseminated phenocrysts. Very fine grained.
			42.00	42.15		BXA	BK					tw			BX	70				t				Lim	w		Fine grained disseminated pyrite hosted in a black breccia zone. Breccia is oxidized and hosts strongly limonite stained small clasts.
			42.15	42.32			OR		t			s			GO	75								Lim	i		Some silica flooding in this orange gouge zone. Highly oxidized. Hint of phyllic alteration below staining.
42.32	44.57					FEL	ORGY					s			C	75								Lim	t		Oxidized feldspar porphyry dyke. Feldspars are limonite stained. Dyke is fine grained.
44.57	49.49					GRD	OR	BK		tw		m												Lim	m		Oxidized granodiorite, moderately argillic altered throughout. Strong kaolinite abundance. Zones of propylitic/phyllic altered core. Footwall side of intercept becomes extremely blocky. Blocky throughout.
			46.14	46.19		BXA	BK					tw			BX	85				t				Lim	w		Black breccia zone hosting fine grained disseminated pyrite. Breccia is oxidized and hosts strongly limonite stained clasts. Flow banded quartz stringers throughout.
			46.71	47.47			LTGN	BK	tw			w								tw				Lim	tw		Phyllic altered granodiorite hosting weakly disseminated sericite and pyrite. Fractures are limonite stained, zone has numerous milky and smokey quartz veinlets and stringers netted throughout zone. Pale green in colour.
																								Se	tw		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			47.47	47.66		BXA	BK					tw			BX	80				f				Lim	w		Black breccia zone hosting fine grained pervasive pyrite. Breccia is oxidized and hosts strongly limonite stained clasts. Flow banded milky quartz veinlets throughout.
49.49	53.36					FLT	EA	SA		s		tw	ARG	ms	FT	80								Lim	w		Intensely argillic altered zone hosts abundant kaolinite fragments. Fault zone? Totally sheared dirty looking material. Limonite stained/oxidized.
53.36	55.26					GRD	FG	BK				w												Lim	w		Extremely blocky, fine grained granodiorite. Strong limonite staining throughout (especially on fractures). Orange colour throughout.
55.26	57.00					GRD	GY	BK				tw												Lim	t		Unaltered granodiorite, blocky. Dirty sand in fractures. Limonite stained fractures. Very minor manganese in fractures.
			55.67	55.81			BKWH			tw		t	ARG	tw										Lim	t		Argillic altered zone. Strong kaolinite. Weak limonite in zone. Very soft. Highly fractured. Minor oxidation.
57.00	58.48					GRD	FD	BK	m		m	w			C	75				f			tw	Lim	tw		Extremely phyllic altered granodiorite. Quartz flooded. Zone hosts pervasive to massive pyrite and galena. Galena is localized. Milky quartz fragments throughout
			57.42	57.71		VN	MT	MA	i		s				VN	70				m			w				Milky quartz vein, extremely flooded. Pervasive pyrite throughout. Massive galena in localized zones massive pyrite veins up to 2cm. Rock is competent but very broken (bad recovery).
			57.49	57.53		VN	MT	MA							VN	80				s	i		i				Massive galena/arsenopyrite vein hosting blebs o pyrite. Limonite stringers in zone. Milky quartz clasts host pyrite.
58.48	58.92					FEL	ORGY					t			DY	75								Lim	t		Oxidized feldspar porphyry dyke
58.92	59.93					GRD	BKWH			tw		t	ARG	tw										Lim	t		Argillic altered zone. Strong kaolinite. Weak limonite in zone. Very soft. Highly fractured. Minor oxidation.
																								Go	t		
59.93	61.00					FEL	OR	BK				t			DY	80								Lim	t		Quartz feldspar porphyry dyke. Oxidized. Limonite stained feldspars. Very blocky.
61.00	61.62					GRD	MT	FL	i	tw		t			VN	75				w			tw	Lim	tw		Extremely phyllic altered zone hosting massive to disseminated pyrite and blebby galena. Milky quartz veins host most of the sulphides. Light green colour. Disseminated sericite throughout. Weak limonite staining in fractures. Kaolinite locally pervasive in some spots.
																								Se	tw		
61.62	63.09					POR	GN-OF	PO				m			DY									Lim	m		Quartz feldspar porphyry dyke. Moderate limonite staining. Highly fractured.
63.09	64.43					GRD	GY					t	ARG	t										Lim	w		Altered granodiorite. Limonite staining on fracture surfaces.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			63.58	63.99			OR					ms												Lim	m		More clay altered granodiorite. Limonite staining throughout. Small quartz/calcite vein approx. 0.5cm
63.43	72.00					POR	GN-GY	PO							DY	65											Quartz feldspar porphyry dike. Calcite/quartz veining prominent in upper half of interval. Some black alteration near the top of interval grading to lighter alteration.
															VT	50	<1	5									
			66.05	66.14		GRD	OR			S		S												Lim	m		Highly clay altered granodiorite. Limonite staining prominent over entire surface and crumbled texture.
			70.50																								Diffuse dark band approx. 20cm
72.00	76.45					GRD	BL-GY		S	w	m	t							w	w	t						Altered granodiorite. Competent rock, little oxidation Minor pyrite and arsenopyrite veining and disseminated. Localized zones of higher clay alteration. Moderately silicified.
			73.23	73.36		BXA?			S	m	m	m							m	m	w	t	t	lim	w		Highly phyllic altered zone. Sulphide stringers, breccia, disseminated pyrite, arsenopyrite throughout. Limonite staining on fracture surfaces. Some highly altered clay zones. Sphalerite/galena banding. Hematite/Sphal veinlet.
																								hem	t		
			73.36	73.90		POR	GN-BL	PO																lim	w		Similar to above unit (64.43-72.00m)
			73.90	75.20			GN-BL		S			t	ARG	w	VT	80	2	1	w	w	t			lim	t		Quartz veining, minor tourmaline veining, pervasive pyrite and arsenopyrite with one large 2 inch massive pyrite vein. Minor calcite vugg.
			75.51	76.07			GN-GY		S				ARG	m	VN	50	10	2	S	S	w						Quartz veining hosting disseminated pyrite and arsenopyrite with two large 10cm massive pyrite veins. Argillic alteration prominent.
76.45	90.81					GRD	GN-GY		m				ARG	t					w								Altered granodiorite. Competent with blue/green colour. More dark alteration moving downhole. Mino disseminated pyrite throughout. Alternating with patchy sections of fresh granodiorite.
			77.92	78.31			BL-GN		ms						VT	60	3	1	w	w	t						Area of higher mineralization. Pyrite with arsenopyrite veining. Highly phyllic altered. Localized clay zone.
			80.17	82.08			GN-OR			t														lim	m		More highly altered, limonite stained, fractured granodiorite.
			81.38	81.80			OR			S			ARG	S										lim	m		Highly fractured, soft, not competent. Highly limonite stained throughout. Strong argillic alteration present
			88.39	89.36						S			ARG	m													Highly clay altered zone with some less altered sections hosting minor disseminated pyrite and arsenopyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
90.81	100.33					GRD	GN-GY		wm				PRO	w													Granodiorite. Competent, moderately fractured, fresh.
			92.25	92.77			GN		wm						VT		5	1									Weak-Moderately phyllic altered. Light green envelopes with dark veining, hosting minor disseminated pyrite and arsenopyrite.
			97.19	97.49			GN		wm						VT		<1	2									Similar to above unit (92.25-92.77m).
			97.57	97.70			GN		wm						VT		2	1									Similar to above unit (92.25-92.77m).
			98.17	98.30			GN		wm						VT		<1	2									Similar to above unit (92.25-92.77m).
			87.41	98.60			GN		wm						VT		<1	2									Similar to above unit (92.25-92.77m).
			99.11	99.94			GN		wm						VT		<1	2									Similar to above unit (92.25-92.77m).
100.33	116.04					GRD	GN		S				PRO	w					w	w							Strong phyllic altered granodiorite hosting disseminated pyrite and arsenopyrite, decreasing in intensity as you move downhole. Large quartz eyes approx. 2-3mm, calcite/quartz vuggs.
			102.03	102.33			PV						ARG	m										hem	s		Purple hematite, staining on fracture surfaces, argillic alteration present.
			104.98	105.87			WH						ARG	S													Strong argillic alteration with green phenocrysts (chlr?). Bleached.
			103.03	106.63			WH			S			ARG	S										lim	w		Highly argillic altered granodiorite. Crumbly texture with minor limonite staining.
			107.81	108.16			WH			m			ARG	S													Highly argillic altered, bleached granodiorite
			109.61	110.03						w			PRO	w										chlr	s		Dark altered granodiorite. Chlorite present. Highly fractured
			110.46	110.67			WH			m			ARG	S													Similar to section 107.81-108.16m, more biotite
			110.72	110.88			WH			m			ARG	S													Similar to section 107.81-108.16m, more biotite
			111.67	111.88			WH			m			ARG	S													Similar to section 107.81-108.16m, more biotite
			112.10	113.03						m			PRO	w										chlr	s		Similar to section 109.61-110.03
			115.26	115.36			WH						ARG	m													Moderately argillic altered competent granodiorite
116.04						GRD	GY																				Granodiorite: competent, unaltered, fresh, some dark phenocrysts. Very minimal veining with very small pyrite stringers and disseminated pyrite increasing in number and intensity downhole.
			118.13	118.67			GN-WH		m	w			ARG	m	vt	80	1	1	w	w	t						Phyllic altered envelope with a white quartz veinlet (1cm). Disseminated pyrite and arsenopyrite found over entire interval and in veinlets.
			118.88	119.69			GN-WH		m	w			ARG	m	vt	90	3	1	m	m	w			hem	t		Phyllic altered envelope with milky quartz vein (vuggy) hosting massive pyrite. Disseminated pyrite and arsenopyrite throughout.
			120.19	120.80			GN		m						vt	50	<2	3	w	w	t						Phyllic altered envelope with milky to white quartz veinlets hosting disseminated pyrite and arsenopyrite. Minor disseminated pyrite throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			123.17	123.45			GN-WH		m				ARG	w	vt	70	<1	2	w	w	t						Phyllic altered envelope. Carbonate stringers and disseminated pyrite throughout. Minor pyrite stringers present also.
			123.04	123.49			GN		m						vt	60	1	3	w	w	t						Phyllic altered envelope. Carbonate stringers, quartz veinlets, disseminated pyrite/arsenopyrite throughou and hosted in veinlets.
			125.10	126.00			GN		m						vt	70-80	2	1									Phyllic altered envelope hosting disseminated pyrite and arsenopyrite throughout with small veinlets. Carbonate veinlet hosting disseminated pyrite and arsenopyrite.
			127.27	127.68			GN		m						vt	80	<0.5	2	w	w	t						Phyllic altered envelope. Very minor disseminated pyrite, possible arsenopyrite hosted in quartz veinlets.
			127.75	128.17			GN		m						vt	50	1	1	w	w	t						Phyllic altered envelope with a quartz veinlet hosting minor disseminated pyrite, possible arsenopyrite. Minor black sulphide stringers.
			128.58	129.94			GN		m						vt	60	0.5-1	5	m	m	w						Phyllic altered envelope with quartz veinlets, carbonate veinlets. Disseminated pyrite throughout and more concentrated at stringers and veinlets. Possible arsenopyrite present.
			129.94	130.26			WH			ms			ARG	S													Highly argillic altered zone. Incompetent, biotite inclusions.
			130.26	130.76			GN						PRO	w										chlr	w		Phyllic altered envelope with white-clear quartz veinlets, carbonate stringers (orange and white), minor propylitic alteration (chlorite).
			130.76	132.93			WH-PK						ARG	S	vt	10	2	1						hem	w		Highly argillic altered with green inclusions (chlorite?). Low angle vein of pink calcite? Hematite staining on some surfaces. Some very incompetent rock. Other very small pink calcite inclusions present. No indication of any significant mineralization.
			133.20	133.50			GN-BK			w			ARG	w													Incompetent, black altered granodiorite. Highly fractured and crumbly in some parts. Very minor argillic/clay alteration in some areas.
			134.26	134.79			GN		m																		Phyllic altered envelope. One carbonate veinlet, minor black sulphide veinlets hosting disseminated pyrite. Minor disseminated pyrite found throughout.
			135.61	135.74			GN		m				PRO	m	vt	80	1	1									Phyllic altered envelope containing white-clear quartz veinlet hosting disseminated pyrite and arsenopyrite. Possible minor calcite stringer. Chlorite present.
			136.25	137.33			GN		m						vt	70	2	1									Argillic altered envelope containing one milky quartz veinlet hosting disseminated pyrite and arsenopyrite Very minor carbonate/quartz stringers occur further down the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			137.33	137.45			GN-BK		m				PRO	m														Dark altered granodiorite. Chlorite present. Highly fractured.
			137.59	138.36					m				PRO	w	vt	70	2	2									Phyllic altered granodiorite alternating with minor propylitic altered granodiorite. One 10cm section of crumbly argillic altered granodiorite. White-clear quartz veinlets hosting minor disseminated pyrite.
													ARG	w													
			138.36	139.00			GN								vt	40	1	2									Phyllic altered envelope with two carbonate veinlets. No indication of mineralization
			139.49	140.43			GN								vt	90	1	2	QTZ								Phyllic altered envelope. Quartz and carbonate stringers/veinlets. Very minor disseminated pyrite associated with these structures.
															vt	15	<0.5	2	CARB								
			140.44	141.34			WH			w			ARG	m											hem	w		Highly argillically altered granodiorite. Biotite inclusions. Mostly competent until crumbly at the end of interval. Minor hematite staining on some exteriors.
			142.34	142.72			GN		m										w	w	t						Argillic altered envelope. Minor carbonate stringers Disseminated pyrite throughout.
			143.30	144.43			GN-WH		m	w	m		ARG	w	vt	80	<0.5	2	w	w	t			hem	t		Phyllic, minor argillic altered envelope. Argillic portions completely incompetent and crumbly. Phyllic sections highly silicified. Minor pyrite stringers, some disseminated, minor hematite staining on some surfaces.
			145.56	145.72			GN		m						vt	85	<0.5	3	w	w	t			hem	t		Phyllic altered envelops with small milky quartz stringers and sulphide stringers. Hosting minor disseminated pyrite and veinlets. Very minor hematite staining.
			146.51	146.94			GN		m						vt		4	1									Highly fractured phyllic altered granodiorite. Silicified. Disseminated pyrite throughout with 4 cm band of highly concentrated (pervasive?) pyrite with possible arsenopyrite.
			147.80	148.05			GN		m				PRO	w	vt	85	3	1	m	m	t			hem	t		Phyllic envelope hosting pyrite stringers and a while quartz vein with pervasive quartz, some carbonate (orange) areas. One small zone of highly black altered granodiorite approx. 3 cm (lots of biotite) and dark green; approaching propylitic.
			148.09	148.60			GN-WH		m				ARG	w	vt	85	<0.5	3	w	w	t						Highly phyllic, minor argillic altered granodiorite envelope, not competent. Some crumbly. Pyrite stringers and some disseminated pyrite.
			148.90	149.25			GN		m	w					vt		3	1	m	m	t						Phyllic altered envelope. Some crumbly sections. Mostly competent. Disseminated pyrite with concentrated band approx. 3cm.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			149.66	149.95			GN		m						vt	80	1	1	w	w	t						Phyllic altered envelope, hosting disseminated pyrite throughout and a small white quartz veinlet.
			152.43	152.72			GN		m				PRO	w	vt	70	1	1	s	m	t			Cp	m		Phyllic altered envelope with minor propylitic altered white quartz veinlet, hosting banded pyrite and chalcopyrite. Disseminated pyrite also found over entire interval.
			154.12												st	80	<0.5	2	m	m	t			Cp	m		Blebby chalcopyrite and pyrite at fracture and black sulphide stringers.
			155.09	155.17											st	80	<0.5	3	m	m	t			Cp	m		Black sulphide stringers, blebby chalcopyrite, pyrite, minor arsenopyrite in and near fracture.
			155.41	155.53											vt	90	0.5	1	w	w	t						Pyrite veinlet and black sulphide stringers surrounding fracture.
			156.29	156.39											st	80	0.5	1	w	w	t						Weakly phyllic altered granodiorite. Pervasive pyrite in fracture, black sulphide stringers with disseminated pyrite in close proximity. Minor quartz.
			156.90	158.63			GN		m																		Phyllic altered envelope with minor milky-orange carbonate stringers.
			157.03												vt	60	1	1	m	m	t			Cp	m		Milky-white quartz veinlet hosting blebby px and chalcopyrite.
			157.73												vt	75	1	2	m	m	t			Cp	m		White quartz veinlet hosting disseminated and blebby pyrite, blebby chalcopyrite.
			157.78												vt	70	1	2	m	m	t			Cp	m		Similar to section 157.73m.
			158.91	159.09											st	40	0.5	1	w	w	t						Weakly phyllic envelope with minor sulphide stringers, pyrite stringer, disseminated pyrite.
			159.25	159.71			GN		m																		Phyllic altered envelope, black sulphide stringers.
			159.32												vt	70	0.5	3	m	m	t						White quartz veinlet hosting blebby pyrite and chalcopyrite.
			159.34												vt	80	0.5	3	m	m	t						White quartz veinlet hosting blebby pyrite and chalcopyrite.
			159.40												vt	70	0.5	3	m	m	t						White quartz veinlet hosting blebby pyrite and chalcopyrite.
			160.35	160.63			GN		m																		Phyllic altered section with very minor disseminated pyrite.
			161.16	160.63			GN		m						st	80	0.5	1	w	w	t						Phyllic altered section with pyrite stringer and minor disseminated pyrite.
			161.79	161.82			GN		m						st	70	0.5	3	w	w	t						Black sulphide stringers and disseminated pyrite.
			162.14	162.32			GN		m						st	80	0.5	2	w	w	t						Phyllic altered envelope with black sulphide stringers hosting disseminated and pervasive pyrite.
			163.12	163.19		APL?	PK								APL?	50	4	1									Pink inclusion (no reaction to HCl), fine grained, some biotite within. Aplite dyke?

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			165.09	167.97			GN-WH		m		s		ARG	w	vt	50	1	3									Phyllic altered section, minor argillic alterations in some areas (less competent), some portions of phyllic altered granodiorite highly silicified, quartz veinlets, minor pyrite and chalcopyrite stringers, some blebby areas. Minor black sulphide stringers, minor carbonate stringer.
															st	0-30	0.5	5	w	w	t			Cp	w		
			169.21	169.32			GN		m						st	10	<0.5	1									Quartz veinlet and pyrite stringer, very shallow dipping.
			169.58	169.99			GN		m	w					st	0-80	0.5	1	m	t	t			Cp	m		Phyllic altered envelope with chalcopyrite stringer. Slightly crumbly but mostly competent rock. Pink staining (hematite?), quartz inclusions.
			170.14	170.43					w		s				st	40	0.5	2						hem	w		Highly silicified, slightly argillic altered granodiorite. Fractured. Pink staining (hematite?), some quartz inclusions. Minor carbonate stringers.
			170.94	171.77			GN-GY		ms	m	w																Highly fractured, crumbly, phyllic altered granodiorite.
			171.77	172.82			GN		ms		w				vt	80	1	1	w	w				Cp	w		More competent, phyllic altered granodiorite. White quartz veinlet hosting blebby chalcopyrite and minor pyrite.
			174.54	176.10			GN-WH		m				ARG	w													Dark and phyllic altered granodiorite. Crumbly and highly fractured. Some pink staining (hematite?). Minor argillic (crumbly) alteration. Possible very minor black sulphide stringers.
			176.32				GN		m						vt	80	1	1	w	w				Cp	w		White quartz veinlet hosting blebby and disseminated pyrite, minor chalcopyrite.
			177.54	177.66			GN		s																		Very highly phyllic altered granodiorite. Crumbly and highly fractured.
			178.78	178.92			GN		m										w	t				Cp	w		Moderately phyllic altered envelope with black sulphide stringers and blebby chalcopyrite, possible pyrite.
			179.23	180.53			GN-WH		m				ARG	w	st	0-50	<0.5	10	w	w	t			Cp	w		Some crumbly but mostly competent phyllic altered envelope with minor argillic alteration, black sulphide stringers, carbonate stringers, disseminated and pervasive chalcopyrite, minor disseminated pyrite.
			180.70	182.57			WH-PK								vt	50	1	2						hem	t		Highly argillic altered "bleached", minor phyllic altered granodiorite with biotite inclusions near top or interval. Quartz veinlet, milky orange carbonate stringers, competent. Minor pink staining (hematite?).
			182.40	183.24			GN		m						st	80	0.5	1									Pyrite and chalcopyrite stringers, carbonate stringers, pervasive pyrite in fractures, competent.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other													Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			182.93												vt	80	1	1									Quartz vein hosting blebby and pervasive pyrite al fracture.
			183.24	183.41			GN-WH		wm				ARG	wm													No significant mineralization
			183.41	183.51			GN		m										w	w				Cp	w		Minor blebby pyrite and possible chalcopyrite
			183.80	183.97			GN		m						vt/st	0-90	<0.5	3									Minor quartz veinlet hosting disseminated pyrite, minor carbonate stringer.
			184.21	185.44					ms				ARG	w	vt-st	5-85	<0.5	10									Moderately strong phyllic altered envelope with some minor crumbly argillic altered granodiorite. Cream orange carbonate stringers, quartz stringers/veinlets with disseminated pyrite throughout and concentrated around these structures.
			184.50												vn	85	10	1									Minor quartz/carbonate vuggy vein hosting disseminated pyrite and black sulphide stringers.
			186.61			APL	PK									50	3	1									3cm Aplite dyke. Fine grained and pink
			187.74	187.94			GN								st	80	<0.5	5									Phyllic altered envelope with carbonate stringers hosting minor disseminated pyrite.
			188.20	189.23			GN		m						st	80	0.5-1	3	w	w		w					Phyllic altered sections. Carbonate/quartz stringers, minor black sulphide stringers (pyrite and minor sphalerite).
			189.23	189.59			WH			w			ARG	m	st	90	<0.5		t	t							Moderately argillic altered granodiorite. Competen rock, slightly fractured, minor black/dark sulphide stringers.
			189.59	191.72			GN		m						st/vt	0-80	0.5-1	8	w	w		t					Mostly competent, one area of crumbly phyllic altered granodiorite. Carbonate and quartz veinlets and stringers hosting minor disseminated pyrite and minor disseminated sphalerite.
			191.92	193.54			GN		m						st	0-70	<0.5	10	t	t							Phyllic altered envelope with very minor quartz/carbonate stringers. Very minor disseminated pyrite. Moderately competent.
			193.63	198.75			GN-WH		m				ARG	w	st	0-85	<0.5	5	t	t							Highly fractured, some crumbly phyllic, minor argillic altered granodiorite. Quartz and carbonate veinlets, stringers. Large vein @ 194.16m with minor disseminated pyrite, hematite staining on some surfaces.
			194.16												vn	85	10	1	m	m							
			199.16	199.32			GN		m						st	60	<0.5	2									Phyllic altered zone with no significant mineralization, minor carbonate stringers, competent rock.
			199.49	199.62			GN		m						st	70	0.5	2									Phyllic altered zone with no significant mineralization, minor carbonate stringers.
			200.16	200.22			GN		m						st	70	0.5	2									See interval 199.49-199.62m.
			200.34	200.46			GN-PK		m						st	60	0.5	1									Phyllic altered zone, very minor disseminated pyrite with pink staining (hematite?).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			201.43	201.72			GN-RD		m						st	0/80	0.5	2									Phyllic altered zone with minor quartz/carbonate stringers and minor hematite staining. No significant mineralization.
			202.19	202.43			WH-GN		w	m			ARG	m													Argillic altered, minor phyllic altered zone, incompetent. Some areas crumbly. No significant mineralization or veining.
			202.83	203.17			GN		m						st	0-80	0.5	2	t	t							Phyllic altered envelope, competent rock. Quartz and carbonate stringers, very minor disseminated pyrite.
			203.59	203.64			GN		m						st	5-80	0.5	2	t	t							See interval 202.83-203.17m.
			203.97	204.03			GN	EN	m										w	w	t						Phyllic altered envelope with white-clear quartz/orange carbonate veinlet hosting disseminated pyrite and possible arsenopyrite.
			204.17	205.24			GN-WH		ms	w			ARG	w	st	0-70	<0.5	2									Phyllic altered zone with minor argillic alteration around fractures (crumbly). Minor carbonate stringers. No significant mineralization.
			207.43	207.56			GN		wm						st	0-70	<0.5	2									Phyllic altered zone, minor carbonate stringers
			207.74	208.42			GN		wm	w			ARG	w	st	0-90	<0.5	2									Phyllic altered section, mostly competent, one small zone of crumbly white argillic altered granodiorite. Very minor white-grey quartz stringers.
			208.55	210.27			GN	EN	m		m				vt	5-90	2	1	w	w							Phyllic altered envelope, milky-white quartz stringers and veinlets, disseminated pyrite concentrated around these structures.
															st	70	0.5	5	w	w							
			210.27	210.51			WH						ARG	m													Highly argillic altered zone. Moderately competent.
			211.02	213.22			GN-BK	EN	ms																		Phyllic altered envelope with two vein zones. Zone one at 211.70m milky-white quartz vein hosting black sulphide stringers, massive pyrite in fractures, pervasive pyrite, disseminated arsenopyrite, galena and minor sphalerite. Zone two at 212.80, milky quartz vein hosting black sulphide stringers, massive pyrite in fractures, slightly vuggy texture, trace disseminated arsenopyrite.
			211.70				BK								vn	80	30	1	m	m	w	t	w				Zone one.
			212.80												vn	0-90	10	1	m	m	t						Zone two.
			213.58	213.70			GN-WH		w	m			ARG	m													Highly fractured and crumbly phyllic/argillic altered section.
			213.97	214.28			GN-WH								st	0-80	0.5	4									Argillic altered granodiorite. Competent rock. Minor white quartz stringers. No significant mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			215.17	215.82			GN		m						vt	0-80	10	1	m	m	t						Phyllic altered envelops with small vein zone at center of interval. Two milky quartz veinlets hosting black sulphide stringers, pervasive pyrite, disseminated arsenopyrite, massive pyrite in fracture.
															vt	80	5	1	w	w	t						
			216.86	216.99			GN-WH	EN	m				ARG	t	vt	5-90	1	1	w	w							Phyllic altered envelope with white quartz veinlet hosting pervasive pyrite.
			217.40	219.84			GN-WH		m				ARG	w	vt	30	1-2	2									Phyllic altered envelope. Competent rock. Some patches of less competent/crumbly argillic altered granodiorite. Minor disseminated pyrite. Shallow dipping white quartz veinlets and cream-orange carbonate stringers. Black sulphide stringers around some quartz stringers.
															st	0-80	<0.5	8									
			220.26	221.44			GN-WH		m	m			ARG	m	st	10	0.5	1									Phyllic/argillic altered granodiorite, some patchy "bleached" parts. Shallow dipping milky quartz stringer. No significant mineralization. Some highly fractured, crumbly sections.
			223.38	224.06			GN-WH		m	w			ARG	w										hem	w		Phyllic altered section with one crumbly patch of argillic altered granodiorite. Minor hematite staining. No significant veining or mineralization.
			225.82	227.53			GN		m						st	70	0.5	3									Phyllic altered granodiorite. Competent rock. Very minor carbonate stringers. No significant mineralization.
			227.56	228.47			GN	EN	m						vn	0-60	15	1									Phyllic altered envelope with large white quartz orange carbonate vein. Minor carbonate stringers over interval. No significant mineralization.
			228.47	229.04			GN-WH		m				ARG	w													Phyllic/argillic altered granodiorite. Light green-white in colour. Competent rock. No significant veining or mineralization.
			229.11	230.50			GN		m																		Phyllic altered zone. Competent rock. No significant veining or mineralization.
			230.50	231.22			DKGN						PRO	m													No significant veining or mineralization
			231.22	232.85			GN-WH		m				ARG	w													Phyllic altered envelope with a patchy argillic altered zone. Mostly competent. Milky quartz veinlets. Orange carbonate stringers. No significant mineralization.
			232.85	233.80			DKGN	EN					PRO	m	st	0-60	0.5-1	5	w	w							Propylitic altered envelope with black sulphide stringers, minor disseminated pyrite, minor hematite staining.
			233.80	234.41			GN		m						st	0-70	0.5-1	3									Phyllic altered zone. Minor quartz-carbonate stringers, some shallow dipping. Very minor disseminated pyrite hosted in these structures.
			235.97	238.80			GN	EN	m																		Phyllic altered envelope, mostly competent. Patch of argillic alteration at 237.53-238.26m. Three vein zones present.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			237.53	238.26			WH-PK						ARG	m														
															vn	80	15	1	m	m							Zone 1. Milky, vuggy quartz-carbonate vein hosting black sulphide veins, pyrite veinlets, disseminated pyrite, pervasive pyrite in fracture.
															vn	75	10	1	m	m							Zone 2. Milky quartz-carbonate vein, slightly vuggy hosting small black sulphide stringers, pyrite stringers, minor disseminated pyrite.
															vn	70	5	1	m	m	t	t					Zone 3. White quartz vein hosting massive pyrite in fracture, disseminated pyrite throughout, trace sphalerite and galena.
			238.80	242.74			GN-WH	EN	m	w			ARG	m													Phyllic envelope with patchy argillic section from 240.54-242.28m. Pyrite veinlets, pyrite stringers hosted in phyllic sections. No significant veining or mineralization in argillic altered granodiorite. White quartz-carbonate vein with black sulphide stringers disseminated pyrite, massive pyrite in fracture in close proximity to structure.
		sub-sub	240.54	242.28			WH			w			ARG	m	vn	80	10	1	m	m							
															st	0-70	0.5	10									
			242.74	244.31					ms				ARG	w													Phyllic altered granodiorite, minor argillic altered granodiorite. Incompetent, fractured, some areas crumbly. No significant veining or mineralization.
			244.78	245.57					m				ARG	w	st	50	0.5	3									Phyllic altered granodiorite, fractured. Very minor quartz stringers. No significant mineralization.
245.20	260.00						DKGY-GN		w				PRO	m													Granodiorite. Incompetent, fractured, dark grey-green colour. Moderately propylitic alteration. Black tourmaline and sulphide stringers throughout. Very minor white-clear quartz stringers present. Some sections very highly propylitic altered and crumbly. Very patchy in competency.
			252.64	254.90			WH			m	w		ARG	ms	vn	10	1-2	2									Argillic altered granodiorite. Incompetent, fractured, somewhat crumbly. Moderately silicified/shallow dipping quartz veins. No significant mineralization.
			259.12	259.61			LTGN		w						vt	0-90	1	1	w	w							Weakly phyllic altered section. Minor quartz veinlets hosting disseminated pyrite, pyrite/sulphide stringers, minor carbonate stringers.
260.00	267.63					GRD	LTGN		m	w			ARG	w	vt	0-60	0.5-1	10	w	w				lim	t		Granodiorite. Phyllic altered, moderately competent, minor argillic alteration. Quartz-carbonate veinlets, sulphide stringers, minor hematite staining, minor disseminated pyrite.
			260.48	260.66			DKGN-GY		w				PRO	m													Highly fractured, clay altered granodiorite, minor propylitic alteration. No significant veining or mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			262.88	263.35											vt	0-80	0.5	1									Patchy propylitic/phyllic altered section. Very minor disseminated pyrite, minor pyrite stringer.
			264.30	264.56			GN		s						vt	0-90	0.5-1	4	m	m							Area of higher phyllic alteration (small envelope) Black sulphide stringers, disseminated pyrite, banded and pervasive over some areas of the interval.
			276.02	277.00																							Highly fractured but same as main interval; 260 267.63m.
267.63	307.73						DKBL-GY																				Granodiorite. Fresh, unaltered, dark blue-grey ir colour. Competent and unfractured, no significant veining or mineralization.
			268.99	269.23			GN								st	0-90	0.5	3									Phyllic altered section, minor argillic alteration, quartz stringers, pervasive pyrite, argillic altered patch crumbly, phyllic competent.
			269.37	269.70			DKGN-WH		w	m			PRO	m													Partly propylitic. Highly phyllic altered with patchy argillic "bleached" section. Incompetent and highly clay altered over whole interval. No significant veining or mineralization.
													ARG	m													
			270.75	271.72					w	s			PRO	w	vt	0-60	0.5-1	2									Very crumbly argillic/propylitic altered patch followed by competent phyllic altered patch, ended by competent argillic altered patch. Only significant veining is in phyllic altered section, no significant mineralization.
													ARG	m													
			272.16	272.63			DKGN		w						vt	5-80	1	2	w	w							Highly fractured, weakly phyllic altered granodiorite. White quartz veinlets hosting disseminated pyrite and black sulphide stringers.
			273.19	273.74			DKGN-BK		m				PRO	m	vt	?	1	2	m	m				lim	w		Highly phyllic/propylitic altered granodiorite hosting blebby pyrite. Highly fractured, minor white quartz veinlets. Attitude of veinlets unclear due to highly fractured nature. Minor hematite staining.
			273.80	274.45			GN-PK		w				POT	t													Highly fractured, minor phyllic altered granodiorite. Some weakly potassic pink fragments, minor quartz and tourmaline inclusions.
			274.54				GN		w										w	w							Pervasive pyrite in fracture. Minor phyllic altered 5cm patch.
			275.13	275.44					w				ARG	m													Highly crumbly argillic altered granodiorite. Minor phyllic alteration. No significant veining or mineralization.
			275.44	276.50			GN		m						vt/st	0-90	0.5-1	10	w	w							Phyllic altered envelope with pyrite/sulphide stringers, quartz veinlets hosting minor disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			277.13	278.36			GN								vt/st	0-85	0.5-1	10	m	m							Phyllic envelope, quartz stringers/veinlets, sulphide stringers, pyrite veinlets, competent rock.
			280.52	282.47					m										w	w							Phyllic envelope. Black sulphide stringers, disseminated pyrite over whole interval. Pervasive pyrite in some areas. White quartz veinlet at 281.20 hosting blebby pyrite, Competent rock.
			281.10												vt	60	1	1	m	m							
			282.95	283.12		APL	PK				m				apl	40	10	1									Aplite dyke. Pink. Silicified on fracture surface. Contacts unclear.
			285.94	286.02											apl	40	1	1									Aplite dyke. Very prominent contacts.
			286.25	287.07			GN-WH		m				ARG	w													Phyllic altered section with minor argillic altered granodiorite. Black sulphide veinlets, disseminated pyrite, pervasive pyrite in some fractures. Fairly competent rock. Minor 0.5cm Aplite dyke, pink.
						APL	PK								apl	35	0.5	1									
			289.94	290.05			GN		m						vt/st	70	0.5	1	w								Very small phyllic envelope with white quartz veinlet and minor sulphide stringers.
			293.32	293.69			LTGN		w						vt	80	1	1									Weakly phyllic section. Very minor white quartz-carbonate veinlet. Minor black sulphide stringers.
			292.00												vt	70	1	1									
			294.64	300.18																							Very large phyllic envelope. Disseminated pyrite throughout. Some patchy unaltered granodiorite.
			295.80												vn	75-90	15	1	m	m							Milky quartz-carbonate vein with black sulphide veinlets, pyrite banding and disseminated pyrite throughout.
			295.60												vn	80	10	1	w								Minor white quartz-carbonate veinlet hosting black sulphide stringers and disseminated pyrite throughout.
			298.77												vt	80	1	1	m	m							Milky quartz-carbonate veinlet hosting pervasive/blebby pyrite.
			299.28												vn	80-90	20	1	s	s							Milky-white quartz vein hosting black sulphide stringers, pyrite bands, pervasive pyrite, and pyrite stringers.
			301.12	302.23			GN		m						vt/st	80	0.5-2	10	m	m							Phyllic altered envelope bearing black sulphide stringers, white-milky quartz veinlets, carbonate stringers, pyrite stringers, pervasive pyrite at quartz veinlets.
			304.41	306.00			GN-WH		m				ARG	m	vt/st	80-90	0.5-1	10	w	w							Patchy interval alternating between competent phyllic altered granodiorite and less competent, crumbly, argillic altered granodiorite. Minor white quartz veinlets and disseminated pyrite hosted in competent phyllic zones.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
307.73	332.47						DKBL-GN								st	75-90	<0.5	10									Granodiorite. Moderately fractured, minor tourmaline stringers, quartz-carbonate stringers, minor pyrite hosted in some of these structures.
			309.00												vt	80	1	1	w	w							White-clear quartz veinlet hosting minor disseminated pyrite.
			309.98	310.25			LTGN	EN	m				ARG	w	vt	80-85	0.5	2	m	m							Phyllic altered envelope with some minor argillic altered crumbly granodiorite. Two white-clear quartz veinlets with one hosting minor disseminated pyrite and the other containing blebby pyrite.
			310.64	311.83											vt	70	2	1	m	m							Patchy argillic/phyllic altered envelope. Competent except for one crumbly 5cm section. White-clear quartz veinlets hosting pervasive and disseminated pyrite and one massive sulphide stringer.
															vt	85	0.5	1	w	w							
			316.28	320.21			LTGN	EN	s				PRO	w					w	w							Phyllic/argillic altered envelope. Argillic section in middle from 318-319.20m "bleached". Phyllic altered section fairly competent and unfractured. White quartz veinlets hosting blebby and pervasive pyrite throughout with black sulphide stringers. One large quartz veinlet @ 317.05 containing disseminated galena, pyrite, banded pyrite. Veinlet appears offset/displaced by approximately 2mm along core axis. From 317.05-317.40 massive sulphide vein with quartz-carbonate veinlets and breccia. Disseminated pyrite throughout. @ 317.52, massive sulphide band and milky-white quartz veinlet hosting minor disseminated pyrite. After argillic altered section, there are minor quartz-carbonate veinlets in phyllic altered granodiorite. Very minor propylitic alteration in some patches.
			318.00	319.20			WH						ARG	s													
			316.78												vt	60	1	1	m	m	w						
			316.85												vt	90	2	1	s	s	m						
			317.05	317.40											vn	80	35	1	s	s	w		w				
			317.52												vt	80	2	1	w	w	t						
			320.33	320.54			GN																				Moderately phyllic altered section containing a milky white quartz veinlet at fracture hosting massive pyrite.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			320.93	324.00			GN	EN	s	ms					vt	0-90	1-2	2									Phyllic altered envelope with argillic altered section. Moderately-strong clay alteration throughout. Argillic portion from 322.17-323.20m moderately bleached. In phyllic sections quartz-carbonate veinlets and irregular veinlets, some blebs of quartz. Very minor sulphide stringers, possible very minor disseminated pyrite.
			322.17	328.20			WH			ms			ARG	w													
			324.29	324.80			LTGN								st	80	0.5	5	w	w	t						Phyllic altered section containing minor quartz stringers, sulphide stringers, disseminated pyrite and trace arsenopyrite.
			324.98	330.33			GN		m						vt/st	0-70	0.5-1	5-10	w	w	t?						Patchy unaltered granodiorite with phyllic altered sections. Phyllic altered areas contain minor quartz-carbonate veinlets and stringers with very minor disseminated pyrite. Very minor sulphide stringers present over some of the interval.
			331.44	331.89											vt/st	70	0.5-1	3									Phyllic altered section containing quartz-carbonate veinlets/stringers, weakly silicified, competent, with very minor disseminated pyrite in the second interva (332.15-332.47m)
			332.15	332.47											vt/st	0-80	0.5	3	w	w	t?						See previous description
332.47	348.88						GY-WH						POT	t										hem	t		Granodiorite. Grey, white altered granodiorite with black large xenoliths present up to 10cm by 3cm. Minor pink staining present (potassic alteration? Minor hematite?)
			333.66												st	80	<0.5	1	t	t							Very minor phyllic altered zone containing a white quartz stringer hosting trace disseminated pyrite.
			336.55	337.41			WH						ARG	m	st	70	<0.5	1	t	t							Argillic altered granodiorite, one minor quartz-carbonate stringer with no significant mineralization.
			337.41	337.64			GN		m						vt	50	1	1	t?	t?							Phyllic altered section containing two milky-white quartz-carbonate veinlets hosting black sulphide stringers, pervasive banded pyrite.
															vt	70	2	1	m	m							
			337.86	339.21			GN-WH	EN	m				ARG	w	vt/st	0-80	0.5-2	5	w	w							Phyllic altered envelope with argillic alteration present in some sections, as well as stronger green (chlorite/epidote) present over some parts of the interval. Quartz-carbonate veinlets and stringers present in phyllic altered zones. Very minor disseminated pyrite around some veinlets.
			341.18	341.42			LTGN-WH		w				ARG	w	st	0-80	<0.5	3									Weakly phyllic/argillic altered section containing minor quartz-carbonate stringers. No significant mineralization.
			341.81	341.88											st	5-90	<0.5	1									See previous interval; 341.18-341.42m
			342.06	342.11											st	65	0.5	1									See previous interval; 341.18-341.42m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			342.23	342.40					m						st	0-80	0.5	2	t	t	t						Moderately phyllic altered zone containing white quartz veinlet, minor sulphide stringer, and very minor piece of pyrite/arsenopyrite (3mm).
			342.48	342.50											vt	80	1	1									Well defined milky-white quartz veinlet. No significant mineralization.
			343.62	344.32					w				ARG	w	st	70	1	2									Patchy phyllic/argillic altered granodiorite. Slightly crumbly at contacts between alteration types. Very minor quartz-carbonate stringers. No significant mineralization.
			345.53	345.62					m						st	60	0.5	1									Phyllic altered zone containing one small sulphide stringer hosting pyrite and arsenopyrite.
			345.82	348.82			LTGN-WH						ARG	w	vn	70	5	1	m	m	t?						Phyllic envelope with patchy argillic altered granodiorite, partly bleached. Some chlorite present. Sulphide banding @ 346.05m with milky-white quartz vein hosting disseminated pyrite. Other quartz-carbonate veinlets over interval hosting minor disseminated pyrite.
													PRO	w	vt	0-90	0.5-1	3	m	m	t?						
348.88	354.04					POR	GNPK	PO																			Quartz feldspar porphyry dyke, green-pink in colour feldspar phenocrysts up to 1cm. Some quartz-carbonate veinlets throughout interval. No significant mineralization.
			352.69	353.84			DKGN																				Quartz feldspar porphyry dyke, dark green in colour small phenocrysts up to 0.2cm.
			353.84	354.09			PU																				Transition zone. Large phenocrysts in quartz feldspar porphyry dyke, grading to altered granodiorite with heavily clay banded section between two zones.
354.04	361.80						DKGY																				Granodiorite. Fresh, unaltered, slightly grey in colour.
			354.09	354.73			WH			m			ARG	m													Moderately argillic altered granodiorite with minor carbonate stringers, minor patchy propylitic altered crumbly granodiorite.
							GN						PRO	w													
			356.00	356.29			DKGN			m					ft?	70	20	1									Possible fault zone? Highly crumbled "faulted" nature with very distinct contacts with fresh granodiorite on either side.
			356.84	356.90			DKGN																				See previous interval 356-356.29m
			359.30	359.61			LTGN-WH		m	m			ARG	w	vt/st	0-80	0.5-1	2						hem	t		Moderately phyllic altered granodiorite with patches of argillic altered granodiorite. Minor white quartz veinlets and carbonate stringers. Minor hematite. No significant mineralization.
			360.46	360.59											vt/st	0-80	0.5	3									Phyllic altered zone with quartz-carbonate stringers. No significant mineralization.
			360.77	360.98											vt/st	0-80	0.5	3									Phyllic altered zone with quartz-carbonate stringers. No significant mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			361.21	361.37											vt/st	0-80	0.5	3									Phyllic altered zone with quartz-carbonate stringers. No significant mineralization.
END	OF	HOLE	END	OF	HOLE	END	OF	HOLE	END	OF	HOL	END	OF	HOLE	END	OF	HOL	END	OF	HOL	END	OF	HOL	END	OF	HOL	END OF HOLE

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-24

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.048	3.05	0.00	0	0.00	0				OVER-BURDEN
3.05	5.18	2.13	1.78	83	1.35	63	MS	SW		
5.18	8.23	3.05	2.94	96	1.47	48	MS	MW		
8.23	11.28	3.05	2.74	90	1.40	46	VS	MW		
11.28	14.33	3.05	3.40	111	1.79	59	MS	MW		
14.33	17.37	3.04	2.65	87	0.41	13	S	HW		
17.37	20.42	3.05	3.02	99	1.64	54	MS	SW		
20.42	23.47	3.05	3.05	100	1.26	41	MS	SW		
23.47	26.52	3.05	3.02	99	1.63	53	S	SW		
26.52	29.57	3.05	3.09	101	2.52	83	MS	SW		
29.57	32.61	3.04	3.03	100	0.80	26	S	SW		
32.61	35.66	3.05	2.86	94	0.14	5	MS	HW		
35.66	38.71	3.05	3.20	105	0.57	19	MS	MW		
38.71	41.76	3.05	3.02	99	1.10	36	MS	SW		
41.76	44.81	3.05	3.12	102	1.14	37	S	MW		
44.81	47.86	3.05	2.97	97	0.70	23	S	MW		
47.86	50.90	3.04	3.05	100	0.22	7	S	HW		
50.90	53.95	3.05	3.01	99	0.00	0	W	HW		
53.95	57.00	3.05	3.08	101	0.69	23	MS	SW		
57.00	60.05	3.05	2.99	98	0.23	8	MW	MW		
60.05	63.09	3.04	2.70	89	0.69	23	S	HW		
63.09	66.14	3.05	2.78	91	0.67	22	S	HW		
66.14	69.18	3.04	3.02	99	1.56	51	S	SW		
69.18	72.23	3.05	3.04	100	1.30	22	M	SW		
72.23	75.25	3.02	2.63	87	1.08	52	M	SW		
75.25	78.33	3.08	3.11	101	1.60	42	M	FR		
78.33	81.38	3.05	2.70	89	1.10	35	VS	FR		
81.38	84.43	3.05	2.87	94	1.14	52	M	FR		
84.43	87.48	3.05	3.00	98	1.75	36	M	FR		
87.48	90.53	3.05	3.02	99	1.43	37	MS	FR		
90.53	93.57	3.04	3.04	100	1.93	58	M	FR		
93.57	96.62	3.05	2.99	98	2.60	47	M	FR		
96.62	99.67	3.05	3.03	99	1.90	63	M	FR		
99.67	102.72	3.05	3.05	100	0.79	85	S	FR		
102.72	105.77	3.05	2.60	85	1.10	62	VS	FR		
105.77	108.81	3.04	2.83	93	0.35	12	W	FR		
108.81	111.86	3.05	3.10	102	1.23	40	MS	FR		
111.86	114.91	3.05	2.90	95	1.06	35	MS	FR		
114.91	117.95	3.04	2.97	98	1.60	53	VS	FR		
117.95	121.01	3.06	3.09	101	1.40	46	S	FR		
121.01	124.05	3.04	2.91	96	1.87	62	VS	FR		
124.05	127.10	3.05	3.04	100	1.88	62	S	FR		
127.10	130.15	3.05	3.03	99	1.36	45	M	FR		
130.15	133.20	3.05	2.78	91	1.10	36	M	FR		
133.20	136.25	3.05	2.91	95	0.75	25	S	FR		
136.25	139.29	3.04	2.90	95	1.36	45	M	FR		
139.29	142.34	3.05	2.75	90	1.00	33	M	FR		
142.34	145.39	3.05	2.98	98	0.82	27	M	FR		
145.39	148.44	3.05	2.70	89	0.10	3	MS	FR		
148.44	151.49	3.05	2.94	96	1.66	54	M	FR		
151.49	154.53	3.04	3.07	101	1.30	43	M	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	3.06	100	1.85	61	MS	FR		
157.58	160.63	3.05	3.08	101	2.04	67	MS	FR		
160.63	163.68	3.05	3.00	98	2.00	66	MS	FR		
163.68	166.73	3.05	3.07	101	1.61	53	MS	FR		
166.73	169.77	3.04	3.24	107	1.33	44	MS	FR		
169.77	172.82	3.05	2.98	98	0.64	21	MS	FR		
172.82	175.87	3.05	3.14	103	1.06	35	MS	FR		
175.87	178.92	3.05	3.07	101	1.37	45	S	FR		
178.92	181.97	3.05	3.06	100	1.82	60	MS	FR		
181.97	185.01	3.04	3.08	101	1.28	42	MS	FR		
185.01	188.06	3.05	3.00	98	1.86	61	S	FR		
188.06	191.11	3.05	2.90	95	0.95	31	MS	FR		
191.11	194.16	3.05	3.09	101	1.13	37	MS	FR		
194.16	197.21	3.05	2.96	97	0.59	19	S	FR		
197.21	200.25	3.04	3.18	105	0.94	31	MS	FR		
200.25	203.30	3.05	3.08	101	1.60	52	M	FR		
203.30	206.30	3.00	2.89	96	1.77	59	MS	FR		
206.30	209.40	3.10	2.98	96	1.92	62	MS	FR		
209.40	212.40	3.00	3.09	103	1.53	51	MS	FR		
212.40	215.50	3.10	2.89	93	1.85	60	MS	FR		
215.50	218.50	3.00	2.88	96	1.79	60	MS	FR		
218.50	221.60	3.10	2.96	95	1.32	43	MS	FR		
221.60	224.60	3.00	3.00	100	1.60	53	M	FR		
224.60	227.70	3.10	3.04	98	1.37	44	S	FR		
227.70	230.70	3.00	2.87	96	1.31	44	M	FR		
230.70	233.80	3.10	2.94	95	2.08	67	M	FR		
233.80	236.80	3.00	2.85	95	1.44	48	MS	FR		
236.80	239.90	3.10	3.13	101	2.20	71	MS	FR		
239.90	242.90	3.00	3.04	101	1.10	37	MS	FR		
242.90	246.00	3.10	2.92	94	0.67	22	W	FR		
246.00	249.00	3.00	2.86	95	0.43	14	W	FR		
249.00	252.10	3.10	2.82	91	0.52	17	M	FR		
252.10	255.10	3.00	2.88	96	0.51	17	MS	FR		
255.10	258.20	3.10	2.95	95	0.25	8	MS	FR		
258.20	261.20	3.00	3.03	101	0.47	16	MW	FR		
261.20	264.30	3.10	3.04	98	0.42	14	MS	FR		
264.30	267.20	2.90	2.80	97	0.20	7	MS	FR		
267.20	270.40	3.20	2.79	87	0.77	24	S	FR		
270.40	273.40	3.00	2.92	97	1.12	37	MS	FR		
273.40	276.50	3.10	2.76	89	0.52	17	MS	FR		
276.50	279.50	3.00	3.14	105	1.44	48	MS	FR		
279.50	282.50	3.00	2.96	99	1.96	65	MS	FR		
282.50	285.60	3.10	3.01	97	2.45	79	MS	FR		
285.60	288.60	3.00	3.01	100	1.82	61	MS	FR		
288.60	291.70	3.10	2.99	96	2.55	82	MS	FR		
291.70	294.70	3.00	2.94	98	2.45	82	MS	FR		
294.70	297.80	3.10	2.85	92	2.04	66	MS	FR		
297.80	300.80	3.00	3.12	104	2.69	90	MS	FR		
300.80	303.90	3.10	2.80	90	2.20	71	MS	FR		
303.90	306.90	3.00	2.83	94	2.17	72	MS	FR		
306.90	309.98	3.08	3.04	99	1.67	54	MS	FR		
309.98	313.03	3.05	2.97	97	2.14	70	MS	FR		
313.03	316.08	3.05	3.06	100	0.91	30	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
316.08	319.13	3.05	3.09	101	1.77	58	MS	FR		
319.13	322.17	3.04	3.07	101	1.42	47	MS	FR		
322.17	325.22	3.05	3.09	101	1.93	63	MS	FR		
325.22	328.27	3.05	2.86	94	2.00	66	MS	FR		
328.27	331.32	3.05	3.02	99	2.40	79	MS	FR		
331.32	334.37	3.05	3.03	99	2.32	76	MS	FR		
334.37	337.41	3.04	3.04	100	2.20	72	MS	FR		
337.41	340.46	3.05	3.05	100	2.64	87	MS	FR		
340.46	343.56	3.10	3.07	99	2.37	76	MS	FR		
343.56	349.61	6.05	3.02	50	2.35	39	MS	FR		
349.61	352.65	3.04	3.04	100	2.17	71	MS	FR		
352.65	355.70	3.05	3.03	99	2.12	70	MS	FR		
355.70	358.75	3.05	3.04	100	2.13	70	MS	FR		
358.75	361.80	3.05	2.97	97	1.78	58	MS	FR		
										EOH @ 361.80m

SAMPLE LOG

HOLE: KL-11-24

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.66	3.66	0.00	0							CASING/NO RECOVERY
3.66	5.92	2.26	2.27	100	K272492	1					
5.92	7.21	1.29	1.28	99	K272493	1					
7.21	10.19	2.98	2.73	92	K272494	1					
10.19	11.97	1.78	1.78	100	K272495	1					
11.97	12.97	1.00	1.00	100	K272496	1					
					K272497	1					CDN-ME-16
12.97	14.33	1.36	1.36	100	K272498	1					
14.33	17.32	2.99	2.99	100	K272499	1					
					K272500	1					BLANK
17.32	21.32	4.00	4.00	100	K272501	1					
21.32	25.32	4.00	4.00	100	K272502	1					
25.32	29.32	4.00	4.00	100	K272503	1					
29.32	31.40	2.08	2.08	100	K272504	1					
31.40	33.19	1.79	1.60	89	K272505	1					
33.19	35.66	2.47	1.80	73	K272506	1					
					K272507	1					BLANK
35.66	36.77	1.11	1.01	91	K272508	1					
36.77	38.17	1.40	1.48	106	K272509	1					
38.17	39.09	0.92	0.89	97	K272510	1					
39.09	41.76	2.67	2.58	97	K272511	1					
					K272512	1					DUPLICATE
41.76	42.34	0.58	0.57	98	K272513	1					
42.34	44.57	2.23	2.36	106	K272514	1					
44.57	45.87	1.30	1.14	88	K272515	1					
45.87	47.65	1.78	1.81	102	K272516	1					
47.65	49.49	1.84	1.55	84	K272517	1					
49.49	53.36	3.87	2.75	71	K272518	1					
					K272519	1					CDN-ME-16
53.36	55.26	1.90	1.39	73	K272520	1					
55.26	57.00	1.74	1.88	108	K272521	1					
57.00	58.48	1.48	1.34	91	K272522	1					
58.48	59.93	1.45	1.33	92	K272523	1					
59.93	61.00	1.07	0.98	92	K272524	1					
61.00	61.62	0.62	0.51	82	K272525	1					
61.62	64.43	2.81	2.82	100	K272526	1					
64.43	68.51	4.08	4.00	98	K272527	1					
68.51	72.00	3.49	3.48	100	K272528	2					
72.00	73.37	1.37	1.46	107	K272529	2					
73.37	74.77	1.40	1.38	99	K272530	2					
74.77	76.07	1.30	1.30	100	K272531	2					
					K272532	2					BLANK
76.07	80.07	4.00	4.00	100	K272533	2					
80.07	82.07	2.00	2.00	100	K272534	2					
82.07	85.41	3.34	3.33	100	K272535	2					
85.41	88.61	3.20	3.16	99	K272536	2					
88.61	89.63	1.02	1.00	98	K272537	2					
89.63	90.81	1.18	1.17	99	K272538	2					
90.81	93.93	3.12	3.12	100	K272539	2					
					K272540	2					DUPLICATE
93.93	97.10	3.17	3.16	100	K272541	2					
97.10	100.33	3.23	3.18	98	K272542	2					
100.33	102.72	2.39	2.38	100	K272543	2					
102.72	104.98	2.26	2.27	100	K272544	2					
104.98	108.19	3.21	2.79	87	K272545	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.19	110.35	2.16	2.15	100	K272546	2					
110.35	113.05	2.70	2.69	100	K272547	2					
113.05	115.26	2.21	2.13	96	K272548	2					
115.26	118.14	2.88	2.76	96	K272549	2					
					K272550	2					STANDARD: CDN-ME-16
118.14	119.70	1.56	1.55	99	K272551	2					
119.70	120.80	1.10	1.09	99	K272552	2					
120.80	122.45	1.65	1.55	94	K272553	2					
122.45	123.49	1.04	1.04	100	K272554	2					
					K272555	2					STANDARD: CDN-ME-16
123.49	***125.10***	***1.61***	***1.48***	***92***	***K272556***	2					
125.10	126.00	0.90	1.00	111	K272557	2					
126.00	127.27	1.27	1.25	98	K272558	2					
127.27	128.58	1.31	1.30	99	K272559	2					
					K272560	2					BLANK
128.58	129.94	1.36	1.34	99	K272561	2					
129.94	132.63	2.69	2.59	96	K272562	2					
132.63	134.26	1.63	1.53	94	K272563	2					
134.26	135.61	1.35	1.36	101	K272564	3					
135.61	137.30	1.69	1.67	99	K272565	3					
137.30	138.95	1.65	1.52	92	K272566	3					
138.95	140.43	1.48	1.44	97	K272567	3					
					K272568	3					STANDARD: CDN-ME-16
140.43	142.34	1.91	1.93	101	K272569	3					
142.34	144.44	2.10	2.11	100	K272570	3					
144.44	145.73	1.29	1.25	97	K272571	3					
145.73	146.95	1.22	1.00	82	K272572	3					
146.95	148.09	1.14	1.15	101	K272573	3					
148.09	149.25	1.16	1.15	99	K272574	3					
					K272575	3					BLANK
149.25	150.62	1.37	1.39	101	K272576	3					
150.62	152.43	1.81	1.83	101	K272577	3					
152.43	153.69	1.26	1.24	98	K272578	3					
153.69	155.65	1.96	1.98	101	K272579	3					
155.65	157.02	1.37	1.38	101	K272580	3					
157.02	158.63	1.61	1.64	102	K272581	3					
158.63	159.80	1.17	1.17	100	K272582	3					
159.80	161.73	1.93	1.95	101	K272583	3					
161.73	165.05	3.32	3.28	99	K272584	3					
165.05	167.97	2.92	2.91	100	K272585	3					
167.97	169.58	1.61	1.61	100	K272586	3					
					K272587	3					STANDARD: CDN-ME-16
169.58	171.77	2.19	2.32	106	K272588	3					
171.77	172.83	1.06	1.00	94	K272589	3					
172.83	176.15	3.32	3.32	100	K272590	3					
176.15	178.77	2.62	2.60	99	K272591	3					
178.77	180.71	1.94	1.89	97	K272592	3					
180.71	183.52	2.81	2.73	97	K272593	3					
					K272594	3					BLANK
183.52	185.44	1.92	1.92	100	K272585	3					
185.44	187.74	2.30	2.26	98	K272596	3					
					K272597	3					DUPLICATE
187.74	189.23	1.49	1.44	97	K272598	3					
189.23	191.73	2.50	2.40	96	K272599	3					
191.73	193.54	1.81	1.87	103	K272600	4					
193.54	196.57	3.03	2.87	95	K272601	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
196.57	199.16	2.59	2.76	107	K272602	4					
199.16	201.70	2.54	2.59	102	K272603	4					
201.70	203.52	1.82	1.84	101	K272604	4					
203.52	205.02	1.50	1.45	97	K272605	4					
205.02	208.42	3.40	3.39	100	K272606	4					
208.42	210.90	2.48	2.29	92	K272607	4					
210.90	213.22	2.32	2.32	100	K272608	4					
					K272609	4					BLANK
213.22	215.82	2.60	2.41	93	K272610	4					
215.82	218.52	2.70	2.62	97	K272611	4					
					K272612	4					DUPLICATE
218.52	221.44	2.92	2.91	100	K272613	4					
221.44	223.38	1.94	1.92	99	K272614	4					
					K272615	4					STANDARD: CDN-ME-16
223.38	225.82	2.44	2.43	100	K272616	4					
225.82	227.53	1.71	1.66	97	K272617	4					
227.53	229.11	1.58	1.56	99	K272618	4					
229.11	232.85	3.74	3.62	97	K272619	4					
232.85	235.97	3.12	3.05	98	K272620	4					
235.97	237.53	1.56	1.48	95	K272621	4					
237.53	238.65	1.12	1.11	99	K272622	4					
238.65	239.90	1.25	1.24	99	K272623	4					
					K272624	4					BLANK
239.90	242.28	2.38	2.34	98	K272625	4					
242.28	244.31	2.03	1.83	90	K272626	4					
244.31	246.97	2.66	2.57	97	K272627	4					
246.97	249.00	2.03	1.86	92	K272628	4					
249.00	252.64	3.64	2.98	82	K272629	4					
252.64	254.90	2.26	2.24	99	K272630	4					
254.90	256.42	1.52	1.36	89	K272631	4					
256.42	258.28	1.86	1.83	98	K272632	4					
258.28	260.01	1.73	1.76	102	K272633	4					
					K272634	4					STANDARD: CDN-ME-16
260.01	263.35	3.34	3.32	99	K272635	4					
263.35	264.56	1.21	1.28	106	K272636	5					
264.56	267.05	2.49	2.48	100	K272637	5					
267.05	268.87	1.82	1.79	98	K272638	5					
					K272639	5					STANDARD: CDN-ME-16
268.87	271.72	2.85	2.85	100	K272640	5					
271.72	273.90	2.18	1.99	91	K272641	5					
273.90	275.44	1.54	1.52	99	K272642	5					
275.44	277.13	1.69	1.67	99	K272643	5					
277.13	280.52	3.39	3.23	95	K272644	5					
280.52	282.47	1.95	1.91	98	K272645	5					
					K272646	5					BLANK
282.47	284.62	2.15	2.07	96	K272647	5					
284.62	287.22	2.60	2.56	98	K272648	5					
287.22	289.94	2.72	2.75	101	K272649	5					
					K272650	5					DUPLICATE
289.94	291.98	2.04	2.04	100	K272651	5					
291.98	294.61	2.63	2.61	99	K272652	5					
294.61	296.11	1.50	1.36	91	K272653	5					
296.11	298.40	2.29	2.15	94	K272654	5					
298.40	300.18	1.78	1.79	101	K272655	5					
					K272656	5					BLANK
300.18	301.20	1.02	0.96	94	K272657	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
301.20	302.23	1.03	0.97	94	K272658	5					
302.23	304.41	2.18	1.40	64	K272659	5					
304.41	306.00	1.59	1.50	94	K272660	5					
306.00	309.98	3.98	3.96	99	K272661	5					
309.98	311.83	1.85	1.79	97	K272662	5					
311.83	314.00	2.17	2.13	98	K272663	5					
314.00	316.28	2.28	2.25	99	K272664	5					
316.28	317.67	1.39	1.38	99	K272665	5					
317.67	319.15	1.48	1.45	98	K272666	5					
					K272667	5					STANDARD: CDN-ME-16
319.15	320.93	1.78	1.71	96	K272668	5					
320.93	323.17	2.24	2.23	100	K272669	5					
323.17	324.80	1.63	1.62	99	K272670	5					
324.80	328.65	3.85	3.75	97	K272671	5					
328.65	332.47	3.82	3.32	87	K272672	6					
332.47	336.43	3.96	3.94	99	K272673	6					
					K272674	6					STANDARD: CDN-ME-16
336.43	339.21	2.78	2.80	101	K272675	6					
339.21	342.06	2.85	2.80	98	K272676	6					
342.06	345.35	3.29	3.31	101	K272677	6					
345.35	346.35	1.00	1.00	100	K272678	6					
346.35	348.87	2.52	2.47	98	K272679	6					
348.87	352.69	3.82	3.83	100	K272680	6					
					K272681	6					DUPLICATE
352.69	354.09	1.40	1.42	101	K272682	6					
354.09	356.98	2.89	2.96	102	K272683	6					
356.98	359.30	2.32	2.30	99	K272684	6					
359.30	361.80	2.50	2.45	98	K272685	6					
END	OF	HOLE	END	OF	HOLE						

DENSITY LOG

Hole:24 **KL-11-24**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												2001.1	1745.2	2kg standard		7.82
61.09	GRD		PHY	i	m	t	t			9.689	4.184	376.8	244.5	Phyllic altered quartz vein zone	2.83	2.85
												2009.8	1752.2	2kg standard		7.80
70.05	POR		GNGY							9.444	4.187	346.3	288		2.66	5.94
												1953.9	1683	2kg standard		7.21
119.82	GRD		GN		w	w	t			9.746	4.187	240.5	121.2		1.79	2.02
												1954.3	1710.6	2kg standard		8.02
178.36	GRD									9.992	4.203	295	175.7		2.13	2.47
												1993.5	1738.1	2kg standard		7.81
258.29	GRD											347.1	217.2			2.67
												1993.5	1738.1	2kg standard		7.81
271.32	GRD		WH									329	187			2.32
												1821	1822.1	2kg standard		-1655.45
349.15	POR		GN									341.1	208.3	Quartz feldspar ppy dyke		2.57

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-DDH-11-24

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVER-BURDEN
2.00				OVER-BURDEN
3.00				OVER-BURDEN
4.00				OVER-BURDEN
5.00			12.95	
6.00			18.37	
7.00			14.93	
8.00			14.8	
9.00			21.02	
10.00			17.46	
11.00			27.95	
12.00			12.94	
13.00			3.729	
14.00			23.19	
15.00			21.86	
16.00			23.61	
17.00			20.42	
18.00			33.2	
19.00			12.74	
20.00			26.11	
21.00			26.61	
22.00			21.2	
23.00			28.06	
24.00			23.72	
25.00			25.71	
26.00			21.97	
27.00			28.99	
28.00			30.91	
29.00			9.165	
30.00			12.32	
31.00			20.75	
32.00			9.78	
33.00			0.307	
34.00			0.342	
35.00			0.176	
36.00			0.33	
37.00			0.124	
38.00			9.499	
39.00			0.171	
40.00			0.268	
41.00			12.04	
42.00			4.676	
43.00			0.37	
44.00			0.262	
45.00			0.19	
46.00			0.265	
47.00			0.262	
48.00			0.245	
49.00			0.522	
50.00			13.72	
51.00			11.36	
52.00			0.215	
53.00			0.214	
54.00			0.338	
55.00			0.962	
56.00			23.43	
57.00			22.15	
58.00			0.127	
59.00			0.345	
60.00			0.268	
61.00			0.238	
62.00			0.386	
63.00			0.215	
64.00			0.31	
65.00			0.123	
66.00			0.252	
67.00			0.233	
68.00			0.232	
69.00			0.247	
70.00			0.186	
71.00			0.322	
72.00			0.323	
73.00			0.254	
74.00			0.177	
75.00			0.183	
76.00			0.242	
77.00			0.371	
78.00			0.124	
79.00			0.1399	
80.00			0.465	
81.00			0.7	
82.00			0.338	
83.00			3.818	
84.00			13.92	
85.00			12.14	
86.00			0.642	
87.00			3.73	
88.00			0.215	
89.00			0.279	
90.00			0.423	
91.00			2.882	
92.00			15.12	
93.00			18.45	
94.00			4.574	
95.00			22.23	
96.00			23.16	
97.00			17.96	
98.00			1.657	
99.00			11.35	
100.00			8.745	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.351	
102.00			0.169	
103.00			0.29	
104.00			0.288	
105.00			0.377	
106.00			0.158	
107.00			0.199	
108.00			0.719	
109.00			0.462	
110.00			0.341	
111.00			0.632	
112.00			0.316	
113.00			14.4	
114.00			2.053	
115.00			1.536	
116.00			1.19	
117.00			10.95	
118.00			17.4	
119.00			0.747	
120.00			7.922	
121.00			2.676	
122.00			0.817	
123.00			5.347	
124.00			1.617	
125.00			13.51	
126.00			7.386	
127.00			16.82	
128.00			0.484	
129.00			17.77	
130.00			0.461	
131.00			1.009	
132.00			0.822	
133.00			2.445	
134.00			20.43	
135.00			12.71	
136.00			11.66	
137.00			13.04	
138.00			2.828	
139.00			2.921	
140.00			0.328	
141.00			4.389	
142.00			14.74	
143.00			2.81	
144.00			0.319	
145.00			12	
146.00			17.18	
147.00			0.396	
148.00			0.32	
149.00			0.357	
150.00			17.45	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			16.66	
152.00			20.27	
153.00			23.8	
154.00			16.5	
155.00			20.74	
156.00			16.15	
157.00			0.737	
158.00			0.314	
159.00			8.03	
160.00			18.22	
161.00			1.85	
162.00			22.05	
163.00			5.69	
164.00			18.9	
165.00			13.27	
166.00			1.29	
167.00			0.218	
168.00			6.87	
169.00			0.714	
170.00			14.43	
171.00			11.08	
172.00			0.44	
173.00			17.23	
174.00			16.89	
175.00			12.51	
176.00			9.57	
177.00			17.45	
178.00			16.84	
179.00			15.25	
180.00			0.24	
181.00			2.17	
182.00			0.373	
183.00			0.423	
184.00			10.25	
185.00			0.372	
186.00			16	
187.00			19.09	
188.00			12.16	
189.00			10.8	
190.00			0.45	
191.00			16.96	
192.00			0.65	
193.00			0.346	
194.00			0.52	
195.00			3.16	
196.00			6.48	
197.00			2.28	
198.00			0.22	
199.00			9.89	
200.00			16.04	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			10.07	
202.00			19.15	
203.00			7.64	
204.00			10.36	
205.00			0.901	
206.00			17.42	
207.00			17.03	
208.00			1.216	
209.00			1.103	
210.00			10.17	
211.00			9.295	
212.00			0.228	
213.00			7.667	
214.00			13.17	
215.00			0.255	
216.00			6.243	
217.00			15.69	
218.00			4.252	
219.00			0.693	
220.00			1.819	
221.00			0.737	
222.00			18.94	
223.00			15.69	
224.00			2.127	
225.00			3.416	
226.00			2.076	
227.00			0.707	
228.00			0.309	
229.00			0.705	
230.00			0.649	
231.00			1.185	
232.00			0.758	
233.00			4.916	
234.00			0.623	
235.00			17.5	
236.00			7.078	
237.00			1.468	
238.00			0.942	
239.00			0.636	
240.00			0.317	
241.00			0.59	
242.00			1.229	
243.00			4.816	
244.00			0.818	
245.00			3.236	
246.00			0.986	
247.00			1.308	
248.00			0.426	
249.00			6.837	
250.00			5.76	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			1.281	
252.00			14.9	
253.00			1.377	
254.00			0.346	
255.00			0.359	
256.00			0.331	
257.00			0.347	
258.00			0.323	
259.00			0.318	
260.00			0.477	
261.00			0.463	
262.00			0.476	
263.00			0.489	
264.00			0.474	
265.00			0.38	
266.00			0.22	
267.00			0.572	
268.00			15.36	
269.00			0.86	
270.00			5.931	
271.00			5.34	
272.00			12.2	
273.00			18.3	
274.00			4.204	
275.00			14.62	
276.00			1.277	
277.00			10.5	
278.00			0.85	
279.00			17.81	
280.00			15.94	
281.00			4.129	
282.00			11.03	
283.00			9.274	
284.00			0.808	
285.00			20.52	
286.00			90.49	
287.00			5.147	
288.00			15.46	
289.00			16.26	
290.00			1.081	
291.00			18.9	
292.00			2.479	
293.00			13.62	
294.00			11.53	
295.00			0.334	
296.00			4.101	
297.00			4.101	
298.00			3.021	
299.00			0.676	
300.00			7.339	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			10.13	
302.00			0.476	
303.00			9.439	
304.00			11.76	
305.00			0.681	
306.00			6.345	
307.00			17.46	
308.00			17.18	
309.00			0.5	
310.00			0.48	
311.00			0.68	
312.00			14.97	
313.00			19.48	
314.00			5.026	
315.00			17.91	
316.00			4.048	
317.00			0.482	
318.00			0.42	
319.00			0.467	
320.00			0.823	
321.00			0.315	
322.00			0.342	
323.00			0.28	
324.00			7.461	
325.00			0.623	
326.00			0.59	
327.00			8.992	
328.00			22.56	
329.00			15.87	
330.00			20.95	
331.00			15.6	
332.00			20.04	
333.00			17.62	
334.00			18.59	
335.00			19.53	
336.00			21.06	
337.00			0.819	
338.00			0.956	
339.00			9.286	
340.00			21.57	
341.00			17.32	
342.00			18.94	
343.00			18.75	
344.00			0.343	
345.00			12.87	
346.00			0.578	
347.00			0.587	
348.00			0.344	
349.00			0.219	
350.00			0.255	
351.00			0.246	
352.00			0.335	
353.00			0.593	
354.00			0.186	
355.00			15.74	
356.00			9.385	
357.00			18.62	
358.00			21.39	
359.00			17.51	
360.00			21.99	
361.00			12.06	
				EOH @ 361.80m

BOX LOG

HOLE: KL-11-24

BOX	FROM (m)	TO (m)
1	3.048	9.03
2	9.03	14.33
3	14.33	20.03
4	20.03	25.52
5	25.52	31.02
6	31.02	36.55
7	36.55	41.94
8	41.94	47.46
9	47.46	51.99
10	51.99	57.00
11	57.00	61.66
12	61.66	63.09
13	63.09	68.87
14	68.87	74.64
15	74.64	80.17
16	80.17	85.41
17	85.41	90.81
18	90.81	96.34
19	96.34	101.82
20	101.82	107.03
21	107.03	112.19
22	112.19	117.44
23	117.44	122.87
24	122.87	128.19
25	128.19	133.45
26	133.45	139.29
27	139.29	144.69
28	144.69	150.12
29	150.12	155.66
30	155.66	161.34
31	161.34	166.75
32	166.75	171.77
33	171.77	177.02
34	177.02	182.42
35	182.42	188.20
36	188.20	193.80
37	193.80	199.16
38	199.16	205.02
39	205.02	210.80
40	210.80	216.37
41	216.37	221.60
42	221.60	226.90
43	226.90	232.36
44	232.36	237.90
45	237.90	243.37
46	243.37	248.60
47	248.60	253.56
48	253.56	258.28
49	258.28	263.37
50	263.37	268.36
51	268.36	273.74
52	273.74	278.89
53	278.89	284.49
54	284.49	290.07
55	290.07	295.90
56	295.90	301.83
57	301.83	307.60
58	307.60	313.45
59	313.45	318.40
60	318.40	324.59
61	324.59	230.47
62	230.47	336.26
63	336.26	341.72
64	341.72	347.46
65	347.46	353.15
66	353.15	358.75
67	358.75	361.80
EOH @ 361.80m		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382869.88	6890239.4	1359.431	199.94

SECTION:

HOLE: KL-11-25

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (199.94m / EOH)

Casing depth: 3.96 (m) in / **out**

Drilling dates: June 28 - 30, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	108.51	36.2	-50.9	Ranger
47.55	36.2	-50.3	Ranger	138.99	35.8	-50.7	Ranger
62.79	35.4	-50.7	Ranger	169.47	36.9	-50.7	Ranger
78.03	34.1	-50.7	Ranger	199.95	39.3	-50.6	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.96	3.96	OVB	Overburden
3.96	52.48	48.52	GRD	Partially Altered Oxidized Granodioirte.
52.48	64.42	11.94	GRD	Phyllic altered granodiorite containing a high abundar
				of black sulphide breccias and veins.
64.42	70.76	6.34	POR	Quartz feldspar porphyry dyke.
70.76	88.00	17.24	GRD	Phyllic and clay altered granodioirte containg a few
				patches of black breccia.
88.00	94.70	6.70	POR	Quartz feldspar porphyry dyke.
94.70	113.73	19.03	GRD	Primarily phyllic and clay altered granofiorite with an
				abundance of quartz and sulphide veins and veinlets.
113.73	117.28	3.55	POR	Quartz feldspar porphyry dyke.
117.28	133.74	16.46	GRD	Primarily phyllic and clay altered granofiorite with an
				abundance of quartz and sulphide veins and veinlets.
133.74	135.69	1.95	POR	Quartz feldspar porphyry dyke.
135.69	179.31	43.62	GRD	Primarily weak to unaltered granodiotite.
179.31	188.31	9	GRD	Weakly Phyllic and heavily veined granodiorite.
188.31	199.94	11.63	GRD	Light grey granodioirte. EOH

SAMPLES

Numbers: K271885 - K271992

Total: 108

Batch: DDH-25 B1-B3

Date Sent: B1 (07-24), B2 (07-26), B3 (08-02)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-25

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.96	3.96				OVN	BN																				Overburden, scattered granodiorite cobbles and boulders throughout
3.69	4.88	1.19				GRD	ORGY			m		s															Strongly Oxidized Clay Altered Granodiorite
			4.58	4.78	0.20	VEN	WH								VN	55	20	1									White Calcite Vein
4.88	40.40	35.52				GRD	MDGY					m	lim	m													Unaltered Granodiorite. Moderatly oxidized and limonite tsained along fracture surface.
			8.54	10.73	2.19	GRD	WHOR			s		s	lim	s													Strongly Oxidized Clay Altered Granodiorite. White grey granodiorite stained brown orange.
			10.73	12.81	2.08	GRD	ORGN		ms	m	f?	i	lim	i													Phyllic and Clay Altered Granodiorte. Alteration is difficult to determine due to intense oxidation. Patches may be silicified throughout the interval.
			12.81	12.91	0.10	GRD	BLGN		i			m	lim	m						f-m							Intensly Phyllic Altered Granodiorite. Contains both disseminated pyrite and pyrite blebs.
			12.91	13.73	0.82	GRD	GNOR		s			s	lim	s						t							Strongly Phyllic altered Granodiorite with trace amiunts of disseminated pyrite. Strong oxidation in fracture surfaces.
			14.16	14.38	0.22	GRD	WHOR			s		s	lim	s													Strongly Oxidized Clay Altered Granodiorite. White grey granodiorite stained brown orange.
			14.38	14.57	0.19	GRD	GNOR		s			s	lim	s	VT	75	0	3									Strongly Phyllic altered Granodiorite with trace amiunts of disseminated pyrite. Strong oxidation in fracture surfaces.
			14.57	15.41	0.84	GRD	WHOR					s	lim	s													Strongly Oxidized Clay Altered Granodiorite. White grey granodiorite stained brown orange.
			16.69	17.43	0.74	GRD	WHOR					s	lim	s													Strongly Oxidized Clay Altered Granodiorite. White grey granodiorite stained brown orange.
			17.43	17.94	0.51	GRD	GNOR					s	lim	s													Phyllic envelope around smokey quartz vein
			17.74	17.83	0.09	VEN	DKGY					s	lim	s	VN	60	9	1		s	w	w	f				Dark Grey Smokey Quartz Vein with disseminated suklphides throughout.
			17.96	18.43	0.47	GRD	ORWH																				Strongly Oxidized Clay Altered Granodiorite. White grey granodiorite stained brown orange.
			19.83	20.17	0.34	GRD	GNPK			w		ms	pro	ms													Propylitic and Clay Altered Granodiorite with weak heamatite staining.
													hen	w													
			20.17	21.83	1.66	GRD	GNOR		s	f		s	lim	s													Strongly Oxidized, Phyllic altered granodiorite. Fair amounts of clay alteration begin to appear in the second half of the interval.
			22.75	23.56	0.81	GRD	ORWH			s		s	lim	s													Strongly Oxidized Clay Altered Granodiorite. White grey granodiorite stained brown orange.
			24.33	24.41	0.08	GRD	GNOR		s						VT	75	0	1		40							Phyllic Envelope around quartz veinlet with pyrite blebs.
			26.42	26.53	0.11	GRD	GNOR		s						VT	80	0	4									Phyllic Envelope around 4 parallel quartz carbonate veins which occure side by side in the center of the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			28.66	29.77	1.11	GRD	GYGN		s			m	lim	m						w-m							Phyllc Altered Grey Green Granodiorite. Contains bands of pyrite blebs in the last third of the interval.
			29.26	29.32	0.06	GRD	GY			i										w-m							Intensly Clay Altered Granodiorite with weak amounts of disseminated pyrite.
			30.58	31.09	0.51	GRD	GN		m			f	pot	f													Phyllic and Potassic altered Granodiorite with fair amounts of oxidation.
								VU							VN	60	1	1									Grey vuggy carbonate vein in the last third of the interval.
			31.33	31.43	0.10	APL	GYOR								DK	70	10	1									Grey Orange Aplite Dyke
			33.18	34.54	1.36	GRD	GNWH			s			hem	ms	VT	50	0	1									Clay and Propylitic Altered Granodiorite. Patches are stained red/pruple due to heamatie staining. 1-2cm phyllic envelopes around quartz carbonate veinlets.
													pro	ms	VT	30	0	1									
															VT	70	0	1									
			34.54	34.95	0.41	GRD	GNYW													w-m							Green Yellow Phyllic envelope around quartz sulphide vein. Black is from ~60% blackjack sphalerite content.
																				ms	ms	60	w				
			37.97	40.17	2.20	GRD	GYGN			s		ms	lim	ms	VT												Propylitic Altered Granodiorite with patches of strong clay alteration. Limonite and maganese staining in and around fracture surfaces.
													mno	f													
													pro	ms													
40.40	44.54	4.14				GRD	WHGY			ms			hem	w-s	VT	40	0	3									Clay Altered White purple Green Granodiorite. Heamatite staining variesfrom weak to strong throughout the interval.
44.54	52.48	7.94				GRD	GNYW		s	f		m-s	lim	f-s	VT	80	0	3		t-m							Strongly Phylic and Clay Altered Green Yellow Granodiorite
			46.07	46.36	0.29	POR	DKGY	DI							DK	70	29	1		w-f			t				Dark Grey Quartz Feldspar Porphyry Dyke. With trace to fair amounts of disseminated sulphides.
			47.11	47.47	0.36	GRD	WHOR			s		m															Clay Altered White Granodiorite with orange oxidation staining.
			47.51	47.53	0.02	GRD	GN		s						ST	85		2									Strong Phyllic envelope around two dark grey stringers that contain weak amounts of disseminated pyrtie.
			48.00	48.56	0.56	GRD	WHGN			s																	Clay Altered White Granodiorite
			49.53	49.60	0.07	GRD	GYGN		w	s																	Clay and Phyllic Altered Granodioirte
			50.94	51.81	0.87	VEN	TNGY								VN	15	1	1		w-m							Tan and Dark Grey Quartz Vein with weak to moderate amounts of disseminated pyrite.
52.48	64.42	11.94			0.00	GRD	GNGY		w-s	s																	Strongly Pyllic Altered Granodiorite with weak to strong amounts of clay alteration throughout the interval. High abundance of black breccia throughout the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			52.48	52.73	0.25	BXA	BK													f	w	w	w				Black Sulphide Breccia. Contains blebs of pyrtite, sphalerite, arsenopyrite and galena as well as disseminated pyrite.
			52.90	52.96	0.06	VEN	MT								VN	60	6	1		i	25		50				Massive Sulphide Vein. Contains 50% Galena. 25% aresenopyrtite and intense amounts of pyrite blebs.
			52.96	52.98	0.02	GRD	BK			100																	100% Clay Altered Granodiorite. Brown Grey is soft an malleable.
			53.20	53.64	0.44	BXA	BK													w-m	t-f		w				Black Sulphide Breccia. Contains blebs of pyrtite, sphalerite, arsenopyrite and galena.
															VT	50	0	4									Bottom third of interval contains veinlets of tan quartz.
															VT	85	2	1		i	t		w				Bottom quarter of the interval contains a quartz sulphide vein containing intense amounts of pyrtie as well as aresenopyrtite and galena.
			53.64	54.01	0.37	BXA	GYGN			w										m	w	f	f				Grey Breccia with yellow green phyllic and clay altered large clasts. Breccia has been weakly clay altered. Contains blebs of pyrite, arsenopyrite, galena and sphalerite as well as disseminated pyrite.
			54.01	54.14	0.13	BXA	BK			w										m	t	f	w				Black Breccia with a large decrease in clast size from previous interval. The bottom half of the interval is weakly clay altered blakc matrix with a few small clasts.
			54.14	54.28	0.14	GRD	GY			s	s									w							Strongly silicified and clay altered granodiorite with weak amounts of disseminated pyrite.
															VN	60	4	1		s	w		s				Grey Quartz sulphide vein with blebs of galena anc pyrite as well as disseminated arsenopyrite.
			54.28	54.32	0.04	VEN	MT	MA											70	i	s	45	w				Massive Sulphide Quartz Vein
			54.65	54.93	0.28	BXA	BXGN			s										t		w	w				Strongly Clay Altered Black Breccia with large green grey clay altered clasts. Black matrix contains on large galena sphalerite bleb and contains trace amounts of dissemnated sulphides.
			55.47	55.54	0.07	BXA	BKGY			ms			lim	m						w			t				Black Grey Breccia with weak amounts of disseminated pyrite. First third of interval has been strongly clay altered.
			55.61	55.67	0.06	GRD	DKGY				i									t							Intensely Silicified Dark Grey Breccia
			55.67	56.60	0.93	GRD	GNBK	NE												w			w				Phyllic Altered Granodiorite. Veinlets and veins form a net texture. Abundance and thickness of veins increases as you move down the interval. Veins are primarily dark grey but there are white carbonate veinlets in the second half of the interval. A few of the veinlets have a high abundance of pyrite.
			56.69	56.77	0.08	BXA	BK													t							Black Grey Breccia with trace amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			57.13	57.21	0.08	BXA	DKGY													w							Dark Grey Breccia with small clasts and weak amounts of disseminated pyrite.
			57.35	57.83	0.48	BXA	BK													w			t				Black breccia with primarily large clasts and and weak pyrite mineralization.
			57.83	57.95	0.12	GRD	GY				i									m	i		m				Intensely Silicified Granodiorite with intense amounts of disseminated arsenopyrite and moderate amounts of disseminated pyrute and galena.
			58.04	58.14	0.10	BXA	BK													w							Black Breccia with weak amounts of disseminated pyrite.
			58.23	58.28	0.05	VEN	MT								VN	75	5	1	100	20	50	s	i				Massive sulphide vein
			58.33	58.37	0.04	VEN	DKGY								VN	85	4	1			i	w	w				Dark Grey Sulphide Veir
			58.40	58.53	0.13	BXA	BK													f	f		w				Black breccia containing blebs of pyrite arsenopyrite and galena.
			58.71	58.72	0.01	VEN	DKGY								VN	75	1	1		m	ms		m				Quartz sulphide veir
			58.74	58.75	0.01	VEN	GYMT								VT	80	0	1					65				Galena Quatrz veinlet
			60.00	60.29	0.29	GRD	GNGR		s											m-s							Phyllic Altered Green Grey Granodioirte with moderate to strong amounts of disseminated pyrite.
															ST	80		6		s			t				Numerous dark grey pyrite and galena stringers throughout the interval.
															VN	80	1	1		s	t	w	s				Quartz Sulphide veinn at the bottom of the interval.
			60.40	60.81	0.41	GRD	DKGN						pro	i													Intensely propylitic altered dark green grey granodiorite.
			61.15	61.18	0.03	BXA	BK													t							Black Breccia with trace amounts of disseminated pyrite.
			61.42	61.44	0.02	BXA	BK													w-ms			w-m				Black Breccia with weak to strong amounts of sulphide mineralization..
			62.04	62.14	0.10	BXA	BK													w							Black Breccia with weak amounts of sulphide mineralization.
			62.36	62.37	0.01	VEN	MT								VT	80	0	1		100							Pyrite Veinlets
			62.56	62.57	0.01	BXA	BK													t							Black Breccia with trace amounts of disseminated pyrite.
			63.05	63.20	0.15	BXA	BKGN													t-w							Black Breccia with large green phyllic and clay altered granodiotite clasts.
			63.39	63.55	0.16	BXA	BKOR													t							Black Breccia with small medium-small orange clast. Large concentration of medium sized clasts in the center of theinterval.
			63.93	64.42	0.49	BXA	ORGY			s-i		ms								t							Strong to intesely Clay altered black breccia. Moderate strong oxidation.
64.42	70.76	6.34				POR	TNGY								DK	70	6	1									Tan Grey Quartz Feldspar Prophyry Dyke. Vuggs ~1 4cm wide, are scattered throughout the interval and have tiny quartz(?) crystals forming in them.
															VT	70	0	4									Grey Quartz stringers and veinlets are abundant throughout the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VT	55	0	4									
															ST	55		8									
			68.74	68.75	0.01	VEN	WH								VN	79	1	1									White Quartz Carbonate vein
			70.30	70.39	0.09	BXA	GYBN																				Grey Quartz intrusion has brecciated the quartz feldspar porphyry dyke.
70.76	71.81	1.05				GRD	GNGY		m	m-s																	Phyllic and Clay altered Granodiorite with patches of strong clay alteration.
			71.29	71.43	0.14	BXA	BN																				Breccia with a fine grained brown matrix and brown grey clasts.
71.81	88.00	16.19				GRD	GNGY		w-m						ST	70		3		n-w							Weak to Moderate Phyllic altered Grey Green Granodiorite. White quartz stringers are present throughout the interval. Phyllic envelopes areound some of the stringers.
			73.71	74.82	1.11	GRD	GNGY		f-m	m-s																	Clay and Phyllic Altered Green Grey Yellow Granodiorite.
			74.18	74.31	0.13	BXA	BKGN		s											t			w				Black Breccia in strongly phyllic altered granodiorite. Trace to weak amounts of disseminated sulphides.
			77.97	78.19	0.22	GRD	WHBK			s																	Strongly Clay Altered Granodiorite with two veins of black breccia running through it.
			78.19	79.13	0.94	POR	GNPU								ST	60		4									Green purple Quartz feldspar porphyry dyke. White quartz carbonate stringers throughout the interval.
			79.13	79.45	0.32	GRD	GYGN			m-s					VT	85	0	1									Moderate to strongly clay altered grey gr granodiotite with a dark grey and white(clacite) veinlet.
			80.25	80.46	0.21	GRD	WHPK			ms			pot	m													Moderate Clay and Moderately potassic altere white pink granodiorite.
			80.46	80.95	0.49	GRD	GNGY		ms		ms		pro							w-m							Silicified Phyllic Granodiorite with patches of strong propylitic alteration.
							BK	BX							VN	75	1	1		s							Black Breccia pyrtite vein in the center of the interval.
			80.95	81.97	1.02	GRD	WHPK			ms			pot	m													Moderate Clay and Moderately potassic altere white pink granodiorite.
			81.97	83.02	1.05	GRD	GNGY		s	f-s										n-f							Phyllic and Clay altered granodiorite. Clay alteration varies from f-s throughout the interval.
			82.46	82.75	0.29	BXA	BK													f-s			f				Black Breccia with large elongate grey green clasts. Contains blebs and disseminated pyrite and galena.
			84.51	87.75	3.24	GRD	WHGN		w	f-s			pot	m						n-m							Primarily strong Clay and Moderate potassic altere granodiorite. Patches of clay alteration are weaker in some areas.
			85.19	85.28	0.09	GRD	GNBL																ms				Band of intense phyllic alteration with moderate string amounts of disseminated pyrite.
			85.38	85.40	0.02	VEN	GYMT	BL							VN		2	1		f	w-f	m	m				Quartz Sulphide vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			85.41	85.43	0.02	VEN	WTMT	MA												30	25	i	w				Massive Sulphide Quartz Veir
			86.02	86.33	0.31	GRD	WHPK			s																	Clay and Potassic altered White Pink Granodiorite
			86.33	86.82	0.49	GRD	WHGN	BN		s																	Strongly Clay Altered White Granodioirte with dark green bands of moderate strong proylitic alteration throughout the interval.
			86.82	86.88	0.06	GRD	GYGN		s		w				VN	70	0.1	1		f		ms					Weakly Silicified, Strongly Clay Altered Granodiorite. Contains moderate strong amounts of sphalerite blebs and fair amounts of disseminated pyrite.
			86.88	87.50	0.62	GRD	GNOR		ms	ms																	Phyliic and Clay Altered Green orange Granodiorite
			87.82	87.86	0.04	VEN	GYBL				s				ST	40		1									Pyrite Stringer with a 1cm strong slilica envelope.
88.00	94.70	6.70				POR				t-m																	Tan Green quartz Feldspar Porphyry Dyke zone o dark grey purple alteration for approx 2m in the center of the interval.
			94.70	112.77	18.07	BXA														w							Black Grey Breccia with weak amounts of disseminated pyrite.
94.70	112.77	18.07				GRD			m-s	w-s										n-m							Phyllic and Clay Altered Granodiorite. Ohyllic and clay alteration intensity vary throughout the interval. Pyrite mineralization occurs in the more phyllic areas.
															VT	65	0	3									Light Quartz stringers and veinlets are abundant through out the interval.
															ST	65		4									
			95.27	95.71	0.44	VEN									VN		44	1	85	25	s	25	25				Massive Sulphide Vein. 85% Sulphide and 15% white grey quartz.
			96.39	96.45	0.06	VEN									VN	75	3	1		w		95	F				Massive Sphalerite Veinl with blebs of galena and weak amounts of disseminated pyrite.
															VT	75	0	1									Vuggy Quartz Veinlet running through the center of the interval.
			97.02	97.03	0.01	VEN									VT	70	1	1		40			m				Quartz Pyrite veinlet with blebs of galena
			97.25	97.26	0.01	VEN									VT	70		1		m		40					Quartz Sphalerite Veinlet with moderate amounts of disseminated pyrite.
			98.56	98.65	0.09	BXA														m			w				Black Breccia with moderate amounts of pyrite and weak amounts of galena.
			99.76	99.82	0.06	GRD				w	s																Strongly Silicified, Weakly Clay Altered Granodiorite.
			99.86	99.88	0.02	VEN									VT	60	0	1		100							Pyrite Veinlet
			101.24	101.55	0.31	GRD							pro	ms						w							Moderatly Strong »propylitic altered Grey Greer Granodiorite with weak amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			101.79	102.17	0.38	GRD							pro	ms						w							Moderatly Strong »propylitic altered Grey Greer Granodiorite with weak amounts of disseminated pyrite.
			103.29	103.40	0.11	GRD	GNGY						pro	ms						w							Moderatly Strong »propylitic altered Grey Greer Granodiorite with weak amounts of disseminated pyrite.
			103.75	104.00	0.25	GRD	GN		s		ms									ms							Silicified Phyllic altered Granodiorite with a high abundance of quartz veinlets and veins. Contains moderate to strong amounts of disseminated pyrite and pyrite blebs.
															VN	30	1	1									
															VT	30	0.2	4									
			106.69	107.11	0.42	GRD	GNGY						pro	ms						w							Moderatly Strong »propylitic altered Grey Greer Granodiorite with weak amounts of disseminated pyrite.
			107.20	107.41	0.21	FEL	GNTN								DK	70	21	1									Green Tan Brown Dyke with a gradational upper contact and sharp lower contact. Pyrite veinlet running through the center of the dyke.
															VT	75	0	1		100							
			107.84	107.94	0.10	GRD	GN		i						VT	60	1	3									Moderatly Silicified and intensly phyllic altered granodiorite. Contains three white dark grey quartz veins run through the interval. Small areas have beenn bracciated by veining.
			109.63	110.40	0.77	GRD	GNWH			m			pro	s													lay altered Granodiorite with large patches o strongly propylitic overprint.
									s						VT	60	0	1									Quartz Sphalerite Pyrite Vein in last third of the interval with a 6 cm strong phyllic envelope on either side.
			110.40	112.15	1.75	GRD	GNGY						pro	m													Moderatly propylitic Green Grey Granodiorite
112.77	113.73	0.96				GRD	GY	VU	s		f-s				VT	65	0	7		m-s			w				Silica Altered Stringly Phyllic, Vuggy Granodiorite. Contains Moderate- strong amounts of disseminated pyrite. Black sulphide veinlets are abundant throughout the interval. Light orange quartz carbonate veinlets in the center of the interval form a whispy netted texture.
			113.20	113.23	0.03	VEN	WHMT	VU							VN	65	2	1		50							Vuggy Quartz Pyrite Vein. Approx 50% pyrite blebs.
			113.25	113.26	0.01	VEN	BKMT	BL							VT	60	1	1	100	70	20	10					Pyrite Sphalerite and Galena Veinle
			113.64	113.68	0.04	VEN	WHMT	BL							VN	65	4	1		50		s	f				Quartz vein with blebs of pyrite, sphalerite and galena.
			113.68	113.73	0.05	GRD(	GY			i																	Intesenly Clay altered Granodiorite (?). Clay is soft and maleable and is so intensely clay alteredi its is difficult to determine the protolith rock.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
113.73	117.28	3.55				POR	TNGN			n-f					DK	65	4	1									Tan Green Quartz Feldspar Porphyry Dyke. The dyke contains areas of weak to fair clay alteration.
			115.99	116.59	0.60	GRD	WHGN			s																	Strongly Clay Altered Granodiorite
			116.21	116.40	0.19	BXA	BKGY			m										w							Moderatly Clay altered Black Breccia with weak amounts of disseminated pyrite.
117.28	117.55	0.27				GRD	GY	NT																			Intensely Silicified Granodiorite. Light orange quartz veins form a net texture in the center of the interval.
						VU																					There are small vuggs throughout the interval. There are weak to strong amiounts of pyrite ant pyrite blebs throughout the interval, along with weak amounts of galena blebs.
117.55	118.70	1.15				GRD	GNGY		s		m									f-s							Moderatly silicifed, strongly phyllic altered granodiorite. Fair to strong amounts of disseminated pyrite and pyrite blebs throughout the interval.
								VU																			Contains a few quartz vuggs
															ST	60		5									Black sulphide stringers are abundant thrtoughout the interval.
															VT	70	0	10									Abundance of light orange veinlets containing pyrite throughout the interval.
			118.14	118.16	0.02	VEN	DKGY													f							Dark Grey quartz vein with fair amounts of disseminated pyrite.
			118.50	118.51	0.01	VEN	MT								VT	50	0	2	100	100							Two parallel pyrite veins
118.70	121.31	2.61				GRD	GNOR		ms	ms										t-m							Phyllic and Clay Altered Green Orange Granodiorite
															ST	6		8		s							Orange quartz pyrite and black pyrite stringers are found throughout the interval.
			119.25	119.39	0.14	VEN	BKGY													f		s	ms				Black Grey Quartz Vein. Conatins disseminated pyrite and b lebs of galena and sphalerite.
121.31	133.74	12.43				GRD	GNOR		f	s																	Clay and Phyllic Altered Granodioirte
															ST	80		5		30-80							Abundance of black sulphide stringers and veinlets throughout the interval.
															VT	80		2		30-80							
			123.71	124.30	0.59	GRD	GYGN			s			pro	w						m-i							Clay Altered Weakly Propylitic Granodioirte with moderate to intense amounts of disseminated pyrite
			124.30	124.43	0.13	BXA	BK			i												m	m				Intensely Silicified Black Breccia. Contains Blebs of sphaleriet and galena.
			124.91	124.92	0.01	VEN	MT								VT	80	0.4	1		70		s					Pyrite Sphalerite Veinlet

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			125.10	125.17	0.07	VEN	WHMT	MA							VN	80	7	1		60							White Quartz and Massive pyrite vein. Area around vein contains large amounts of pyrite mineralization.
			126.43	126.44	0.01	VEN	GYMT								VT	80	0	1		80							Quartz Pyrite Veinlet
			126.54	126.55	0.01	VEN	GYMT								VT	80	0	1		80							Quartz Pyrite Veinlet
			127.01	127.03	0.02	VEN	WHMT								VT	80	1	1		50							White Quartz Pyrite Veinlet
			127.12	127.13	0.01	VEN	GYMT								VT	80	0	1		80							Quartz Pyrite Veinlet
			129.25	129.26	0.01	VEN	MT								VT	50	0	1		100							Pyrite Veinlet
			129.29	130.31	1.02	GRD	GYGN						pro	m						t							Moderatly Propylite Altered Grey Green Granodioirte with quartz sringers,.
															ST	70		2									
			133.09	133.25	0.16	BXA	GYGN													w-m							Grey Breccia in Green Yellow Granodioirte. Weak to moderate amounts of disseminated pyrite throughout.
			133.25	133.74	0.49	GRD	GYGN			s																	Strongly Clay Alteerd Granodiorirte with breccia veins running through the center of the interval.
133.74	135.69	1.95				POR	TNBN			n-s					VT		0	7									Tan Brown Quartz Feldspar Prophyry Dyke. Upper and lower contacts of the interval have been strongly clay altered. It contains a high abundance of grey quartz veinlets and stringers in the second half of the interval. They branch out in all directions and have no preffered additude.
															ST			10									Highly Silicified Grey Quartz Feldspar Porphyry Dyke.
			134.46	135.09	0.63	POR	GY				i				VN	70	3	1									Dark Grey and White quartz vein runs through the upper 3rd of the interval.
135.69	138.74	3.05				GRD	GYGN		s	s			pro	m													Alternating Grey/Dark Green propylitic Altered Granodiorite and Yellow/Green Phyllic envelopes surrounding veins and veinlets.
			135.67	135.91	0.24	GRD	YWGN		s																		Strongly Phyllic Altered Granodioirte
															ST	85		7									Abundance of black stringers at the start of the interval.
			136.46	137.11	0.65	GRD	YWGN		s																		Strongly Phyllic Altered yellow Green Granodioirte.
															VT	70	0	1									Galena, Pyrite, Sphalerite veinlets found in the start and center of the interval.
															VT	20	0	2									
			137.87	138.03	0.16	GRD	YWGN		s																		Strong Yellow Green Phyllic Envelope around a grey, dark grey and light orange quartz vein in the center.
															VN	60	1	1									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
138.74	179.31	40.57				GRD	LTGY																				Light Grey "Counter Top" Granodiorite alteration through the interval occures as envelopes around veinlets and veins usually containing pyrite, but also found aorund quartz.
															VT	55	0	1-2		40-100							Dark Grey Sulphide Veinlets occure throught the interval.
			143.08	143.09	0.01	VEN	MT								VT	75	0	1		30							Dark Grey Quartz Pyrite Veinle
			144.05	144.15	0.10	GRD	GYGN	EN			m		hem	m	ST	85		1		t-w							Moderatly Silicified Grey Green Envelope around a dark grey pyrite stringer. Red heamatite staining on the fracture surface at the lower contact of the interval.
			146.26	146.68	0.42	GRD	GYGN		w											t-f							Weakly Phyllic Altered Green Grey Granodiorite. There are two small zones in the center of the interval with slightly increased phyllic alteration and contain a soft orange mineral.
															VT	50	0	4		60-80							There are 6 pyrite veinlets throughout the interval.
															VT	80	0	1		60							
			149.66	150.80	1.14	GRD	GYGN		w						VT	40	0	5		t							Weakly Phyllic alterd Granodiorite with trace amounts of disseminated pyrite and a high abundance of pyrite veinlets.
															VT	73	0	4									
															VT	50	0	3									There are three white calcite veinlets at the start of the interval.
			151.70	151.78	0.08	GRD	LTGY						hem	s	FX	40		1									Strongly heamatitie stained red fracture surface containing intense amounts of disseminated pyrite. The fracture isin light grey granodiorite.
			152.05	152.06	0.01	VEN	WHMT								VT	75	1	1		30							Pyrite, White Calcite and Dark Grey Veinle
			152.31	152.61	0.30	GRD	GNGY		ms											t-f							Phyllic Altered Granodiorite. Contains trace to fair amounts of disseminated pyrite.
															VT	55	0	4									Contains an abundance of pyrite veinlets and stringers
															ST	55		3									
			154.06	154.19	0.13	GRD	GNOR	EN	s						VT					f							Strong Green Orange Phyllic envelope around a white grey quartz vein containing fair amounts of disseminated pyrite.
			158.22	158.75	0.53	GRD	GNWH	EN	s	s	s									n-t							Phyllic then propylitic then clay alteration envelopes radiating outward from a pyrite quartz vein at the center of the interval.
															VN	55	1	1		75							
															VT	55	0	1									Three white quartz stringers and veinlet are present in the interval.
															ST	3		3									
			159.98	159.99	0.01	VEN	MT								VT	65	0	1		95							Pyrite Quartz Veinle
			160.43	160.48	0.05	GRD	GY								ST	70		10		30-60							Granodiorite with a high abundance of pyrite stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			166.30	166.70	0.40	GRD	GNGY	EN		s			pro	s	VN	60	2	1									Phyllic then propylitic then clay alteration envelopes radiating outwards froma grey and tan quartz/pyrite vein in the center of the interval.
			169.82	169.85	0.03	VEN	GY								VN	80	3	1		w		t	35				Grey Quartz Sulphide Veir
			172.15	172.19	0.04	GRD	GY				s																Band of Strongly Silicified Grey Granodioirte
			172.64	172.77	0.13	GRD	GNGY		s						VN	70	1	1									Phyllic Envelope surrounding a white quartz/dark grey veinlet.
			173.35	174.19	0.84	GRD	GNGY		m-s				pro	m													First half of the interval is moderate to strong phyllic altered granodiorite. The second half of the interval is strong propylitic alteration
															VN	75	1	2									Two grey/tan quartz veinlets in the center of the interval.
			175.20	175.71	0.51	VEN	MT								VT	75	0	1		60							Dark Grey Pyrite Veinle
179.31	188.31	9.00				GRD	GNGY		w																		Weakly Phyllic altered medium green grey granodiorite.
			180.16	180.56	0.40	GRD	GNGY	EN	s				pro	m													Srong Phyllic then moderate propylitic envelope radiating outwards from a white/grey quartz pyrite vein.
															VN	80	25	1									
			181.70	181.82	0.12	GRD	GNYW	EN	ms				pro	s						t							Phyllic then propylitic envelope radiating outwards from a quartz calcite vein.
															VN	50	1	1									
			182.80	182.87	0.07	GRD	GNGY		ms		f				VT	50	0	3									Fairly Silicified Phyllic Altered granodiorite with three quartz veinlets.
			183.35	183.51	0.16	GRD	GNYW		ms				pro	s	VN	80	1	1									Phyllic then propylitic envelope radiating outwards from a quartz vein.
															VT	60	0	1									White quartz/calcite veinlet at the start of the interval.
			183.73	184.34	0.61	GRD	GNGY		m				pro	m	VT	60	0	1									Moderatly Phyllic and propylitic altered granodiorite Light orange and grey quartz veinlet at the start of the interval
			184.34	184.70	0.36	GRD	GNGY		s		m-s		pro	ms						w-m							Silicified Phyllic and Propylitic altered granodiorite. Contains weak to moderate amounts of disseminated pyrite.
			184.70	185.67	0.97	FEL	GYTN	BN							DK	45		1		w-s							Felsic Dyke. Dyke is tan grey with darker grey bands throughout the interval. Weak to strong amounts of disseminated pyrite throughout the interval.
															VN		1	3									The bottom half of the interval contains a net texture of calcite veins.
															VT	50	0	1									There is a pyrite veinlet in the center of the interval.
			185.67	185.95	0.28	GRD	GYGN		ms	ms										t							Phyllic and Clay altered Granodiorite. Contains trace amounts of disseminated pyrite. One pyrite veinlet and two calcite veinlets.
															VT	45	0	3									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
188.31	199.94	11.63				GRD	LTGY																				Light Grey "Counter Top" Granodiorite
															ST	80		2									Quartz stringers are common throughout the interval.
															ST	30		2									
			189.89	199.94	10.05	GRD	GY		m	s			pro	s						m							Clay, Propylitic and Phyllic altered Granodiorite. Contains moderate amounts of disseminated pyrite.
			193.80	193.90	0.10	GRD	GYGN		ms	ms																	Phyllic then clay alteration envelope radiating outwards from a quartz calcite vein.
															VN	75	2	1									
			199.40	199.70	0.30	MAF	BK								DK	42	30	1									Black mafic Dyke containing moderate to strong amounts of disseminated pyrite.
				EOH																							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-25

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	0.61	0.61	0.00	0	0.00	0	ES	EW		OVB
0.61	3.35	2.74	0.00	0	0.00	0	ES	EW		OVB
3.35	4.88	1.53	1.57	103	0.31	20	S	HW		
4.88	6.40	1.52	1.30	86	0.23	15	MS	HW		
6.40	7.92	1.52	1.14	75	0.53	35	S	HW		
7.92	9.45	1.53	1.70	111	0.59	39	MS	HW		
9.45	10.97	1.52	1.53	101	0.87	57	S	HW		
10.97	12.50	1.53	1.61	105	0.90	59	S	HW		
12.50	14.02	1.52	1.45	95	0.67	44	S	MW		
14.02	17.07	3.05	2.75	90	1.22	40	MS	MW		
17.07	20.12	3.05	3.05	100	1.38	45	S	MW		
20.12	23.16	3.04	3.03	100	1.86	61	S	SW		
23.16	26.21	3.05	3.16	104	1.14	37	MS	SW		
26.21	29.26	3.05	3.10	102	1.17	38	S	SW		
29.26	32.31	3.05	3.16	104	1.20	39	MS	SW		
32.31	35.34	3.03	2.97	98	1.35	45	S	SW		
35.34	37.79	2.45	2.46	100	0.51	21	MS	SW		
37.79	40.84	3.05	3.42	112	0.29	10	S	HW		
40.84	43.89	3.05	3.13	103	1.80	59	S	SW		
43.89	47.09	3.20	3.37	105	0.85	27	S	MW		
47.09	50.14	3.05	3.06	100	1.72	56	S	SW		
50.14	53.34	3.20	3.11	97	1.30	41	W	MW		
53.34	56.39	3.05	3.22	106	0.90	30	W	MW		
56.39	59.44	3.05	3.12	102	1.11	36	MS	MW		
59.44	62.48	3.04	3.21	106	0.56	18	C	SW		
62.48	65.84	3.36	3.04	90	1.07	32	S	SW		
65.84	68.88	3.04	2.90	95	1.43	47	S	FR		
68.88	71.93	3.05	3.05	100	1.48	49	MS	FR		
71.93	74.98	3.05	3.06	100	2.10	69	S	FR		
74.98	78.03	3.05	3.05	100	2.44	80	S	FR		
78.03	81.03	3.00	3.09	103	1.95	65	S	FR		
81.03	84.12	3.09	3.17	103	2.35	76	MS	FR		
84.12	87.17	3.05	2.95	97	2.03	67	S	FR		
87.17	90.22	3.05	3.04	100	0.27	9	S	FR		
90.22	93.27	3.05	3.17	104	0.94	31	S	FR		
93.27	96.32	3.05	2.98	98	0.24	8	MS	FR		
96.32	99.37	3.05	3.02	99	1.22	40	MS	FR		
99.37	102.41	3.04	3.05	100	1.67	55	VS	FR		
102.41	105.46	3.05	3.18	104	1.09	36	S	FR		
105.46	108.51	3.05	3.06	100	1.72	56	VS	FR		
108.51	111.56	3.05	3.07	101	1.63	53	S	FR		
111.56	114.61	3.05	3.07	101	0.94	31	S	FR		
114.61	117.65	3.04	3.06	101	1.16	38	MS	FR		
117.65	120.70	3.05	3.02	99	2.09	69	S	FR		
120.70	123.75	3.05	3.11	102	2.31	76	S	FR		
123.75	126.80	3.05	3.06	100	2.02	66	VS	FR		
126.80	129.85	3.05	3.05	100	1.71	56	S	FR		
129.85	132.89	3.04	3.07	101	2.25	74	VS	FR		
132.89	135.94	3.05	2.92	96	1.03	34	MS	FR		
135.94	138.99	3.05	3.16	104	1.17	38	S	FR		
138.99	142.04	3.05	3.04	100	2.02	66	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
142.04	145.08	3.04	3.06	101	0.78	26	MS	FR		
145.08	148.13	3.05	3.19	105	2.51	82	VS	FR		
148.13	151.18	3.05	2.98	98	2.08	68	S	FR		
151.18	154.23	3.05	3.10	102	2.20	72	S	FR		
154.23	157.28	3.05	3.00	98	2.16	71	S	FR		
157.28	160.32	3.04	3.03	100	2.29	75	VS	FR		
160.32	163.37	3.05	3.09	101	2.30	75	S	FR		
163.37	165.20	1.83	1.53	84	0.38	21	VS	FR		
165.20	166.42	1.22	1.48	121	0.96	79	S	FR		
166.42	169.47	3.05	3.05	100	0.80	26	S	FR		
169.47	172.52	3.05	3.11	102	1.89	62	S	FR		
172.52	175.56	3.04	3.08	101	1.50	49	VS	FR		
175.56	178.61	3.05	3.11	102	1.89	62	ES	FR		
178.61	181.66	3.05	3.10	102	1.90	62	VS	FR		
181.66	184.70	3.04	3.03	100	1.84	61	S	FR		
184.70	187.75	3.05	3.04	100	1.36	45	S	FR		
187.75	190.80	3.05	3.08	101	1.62	53	S	FR		
190.80	193.85	3.05	2.96	97	2.06	68	S	FR		
193.85	196.90	3.05	3.06	100	1.95	64	S	FR		
196.90	199.94	3.04	3.20	105	1.27	42	S	FR		
										EOH @ 199.94m
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####			

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

SAMPLE LOG

HOLE: KL-11-25

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.69	3.69	2.00	54	K271885	1					Overburden
3.69	4.88	1.19	1.23	103	K271886	1					
4.88	7.00	2.12	1.93	91	K271887	1					
7.00	8.54	1.54	1.30	84	K271888	1					
8.54	10.73	2.19	2.13	97	K271889	1					
10.73	13.73	3.00	3.00	100	K271890	1					
13.73	15.41	1.68	1.80	107	K271891	1					
15.41	17.43	2.02	1.71	85	K271892	1					
17.43	18.43	1.00	1.00	100	K271893	1					
18.43	20.17	1.74	1.69	97	K271894	1					
					K271895	1					Duplicate
20.17	21.83	1.66	1.67	101	K271896	1					
21.83	24.41	2.58	2.56	99	K271897	1					
24.41	27.00	2.59	2.71	105	K271898	1					
27.00	28.60	1.60	1.69	106	K271899	1					
28.60	29.77	1.17	0.92	79	K271900	1					
					K271901	1					Blank
29.77	32.00	2.23	2.20	99	K271902	1					
32.00	34.95	2.95	2.85	97	K271903	1					
					K271904	1					Standard CDN-ME-16
34.95	37.97	3.02	2.99	99	K271905	1					
37.97	40.40	2.43	2.60	107	K271906	1					
40.40	42.00	1.60	1.58	99	K271907	1					
42.00	44.54	2.54	2.52	99	K271908	1					
44.54	47.53	2.99	3.00	100	K271909	1					
47.53	50.00	2.47	2.46	100	K271910	1					
					K271911	1					Standard PL-2
50.00	52.48	2.48	2.38	96	K271912	1					
52.48	54.93	2.45	2.48	101	K271913	1					
54.93	56.74	1.81	1.77	98	K271914	1					
56.74	58.75	2.01	2.08	103	K271915	1					
					K271916	1					Blank
58.75	60.00	1.25	1.16	93	K271917	1					
60.00	63.00	3.00	2.95	98	K271918	1					
63.00	64.42	1.42	1.39	98	K271919	1					
64.42	67.10	2.68	2.56	96	K271920	1					
67.10	69.40	2.30	2.41	105	K271921	2					
69.40	70.76	1.36	1.43	105	K271922	2					
70.76	73.71	2.95	2.92	99	K271923	2					
73.71	74.98	1.27	1.27	100	K271924	2					
74.98	77.97	2.99	3.05	102	K271925	2					
					K271926	2					Duplicate
77.97	79.13	1.16	1.09	94	K271927	2					
79.13	82.00	2.87	2.89	101	K271928	2					
82.00	85.00	3.00	3.13	104	K271929	2					
85.00	88.00	3.00	2.95	98	K271930	2					
					K271931	2					Blank
88.00	91.00	3.00	2.99	100	K271932	2					
91.00	93.00	2.00	2.00	100	K271933	2					
					K271934	2					Standard CDN-ME-16
93.00	94.70	1.70	1.70	100	K271935	2					
94.70	95.71	1.01	0.94	93	K271936	2					
					K271937	2					Blank
95.71	98.56	2.85	2.80	98	K271938	2					
98.56	101.24	2.68	2.79	104	K271939	2					
101.24	103.40	2.16	2.10	97	K271940	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
103.40	106.00	2.60	2.71	104	K271941	2					
106.00	108.00	2.00	1.94	97	K271942	2					
108.00	110.40	2.40	2.41	100	K271943	2					
110.40	112.77	2.37	2.35	99	K271944	2					
112.77	113.73	0.96	0.98	102	K271945	2					
113.73	116.00	2.27	2.21	97	K271946	2					
116.00	116.59	0.59	0.61	103	K271947	2					
116.59	117.28	0.69	0.68	99	K271948	2					
117.28	118.70	1.42	1.39	98	K271949	2					
118.70	121.31	2.61	2.58	99	K271950	2					
121.31	124.30	2.99	2.97	99	K271951	2					
124.30	125.60	1.30	1.28	98	K271952	2					
125.60	127.20	1.60	1.61	101	K271953	2					
127.20	129.00	1.80	1.79	99	K271954	2					
					K271955	2					Standard PL-2
129.00	130.31	1.31	1.28	98	K271956	2					
130.31	133.09	2.78	2.77	100	K271957	3					
133.09	133.74	0.65	0.66	102	K271958	3					
					K271959	3					Blank
133.74	135.67	1.93	1.97	102	K271960	3					
135.67	138.14	2.47	2.57	104	K271961	3					
138.14	141.00	2.86	2.81	98	K271962	3					
141.00	144.00	3.00	3.03	101	K271963	3					
144.00	147.00	3.00	3.00	100	K271964	3					
147.00	149.66	2.66	2.58	97	K271965	3					
					K271966	3					Duplicate
149.66	152.61	2.95	2.94	100	K271967	3					
152.61	155.00	2.39	2.32	97	K271968	3					
					K271969	3					Standard CDN-ME-16
155.00	158.00	3.00	2.89	96	K271970	3					
158.00	160.52	2.52	2.53	100	K271971	3					
160.52	162.00	1.48	1.47	99	K271972	3					
162.00	163.00	1.00	1.00	100	K271973	3					
163.00	165.00	2.00	2.00	100	K271974	3					
165.00	166.18	1.18	1.15	97	K271975	3					
166.18	168.68	2.50	2.51	100	K271976	3					
					K271977	3					Blank
168.68	171.00	2.32	2.33	100	K271978	3					
171.00	172.64	1.64	1.63	99	K271979	3					
172.64	175.18	2.54	2.56	101	K271980	3					
175.18	177.00	1.82	1.82	100	K271981	3					
177.00	179.00	2.00	2.02	101	K271982	3					
179.00	180.16	1.16	1.14	98	K271983	3					
180.16	183.00	2.84	2.79	98	K271984	3					
183.00	184.70	1.70	1.65	97	K271985	3					
184.70	185.67	0.97	0.94	97	K271986	3					
185.67	188.31	2.64	2.56	97	K271987	3					
188.31	191.00	2.69	2.65	99	K271988	3					
191.00	194.00	3.00	2.97	99	K271989	3					
194.00	197.00	3.00	2.96	99	K271990	3					
					K271991	3					Standard CDN-ME-16
197.00	199.94	2.94	3.00	102	K271992	3					
											EOH

DENSITY LOG

Hole: **KL-11-25**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
136.87	GRD		Phyllic							9.586	6.348	791.5	490.7		2.61	2.63
151	GRD									9.542	6.339	809.9	508.1	Unaltered GRD	2.69	2.68
190.66	GRD									9.836	6.331	843.6	529.9	Unaltered GRD	2.72	2.69
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-25

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Possible over-
2.00				Possible over-
3.00				Possible over-
4.00			0.673	
5.00			0.493	
6.00			32.25	
7.00			31.92	
8.00			26.74	
9.00			1.885	
10.00			0.62	
11.00			0.987	
12.00			0.286	
13.00			0.544	
14.00			0.527	
15.00			0.365	
16.00			5.606	
17.00			5.022	
18.00			0.302	
19.00			3.025	
20.00			9.259	
21.00			0.458	
22.00			0.53	
23.00			0.915	
24.00			1.208	
25.00			26.89	
26.00			27.94	
27.00			20.56	
28.00			18.14	
29.00			0.378	
30.00			6.681	
31.00			0.592	
32.00			23.18	
33.00			24.75	
34.00			3.029	
35.00			0.753	
36.00			22.08	
37.00			20.47	
38.00			14.54	
39.00			8.753	
40.00			7.011	
41.00			3.346	
42.00			1.38	
43.00			0.435	
44.00			0.826	
45.00			0.212	
46.00			0.184	
47.00			0.464	
48.00			0.366	
49.00			0.328	
50.00			0.326	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.865	
52.00			0.338	
53.00			0.351	
54.00			0.276	
55.00			0.405	
56.00			0.709	
57.00			0.449	
58.00			0.428	
59.00			0.784	
60.00			0.518	
61.00			0.439	
62.00			0.347	
63.00			0.33	
64.00			0.219	
65.00			0.213	
66.00			0.339	
67.00			0.163	
68.00			0.39	
69.00			0.189	
70.00			0.25	
71.00			0.275	
72.00			4.534	
73.00			5.97	
74.00			0.653	
75.00			0.817	
76.00			5.655	
77.00			3.428	
78.00			2.991	
79.00			0.4	
80.00			3.894	
81.00			1.245	
82.00			0.347	
83.00			0.828	
84.00			3.856	
85.00			0.235	
86.00			0.711	
87.00			0.249	
88.00			0.2	
89.00			0.264	
90.00			0.241	
91.00			0.23	
92.00			0.245	
93.00			0.242	
94.00			0.317	
95.00			0.308	
96.00			0.39	
97.00			0.171	
98.00			0.261	
99.00			0.17	
100.00			0.208	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.451	
102.00			0.936	
103.00			0.532	
104.00			0.218	
105.00			0.218	
106.00			0.544	
107.00			0.314	
108.00			0.491	
109.00			0.404	
110.00			0.777	
111.00			10.24	
112.00			1.905	
113.00			0.444	
114.00			0.257	
115.00			0.319	
116.00			0.462	
117.00			0.261	
118.00			0.23	
119.00			0.235	
120.00			0.162	
121.00			0.249	
122.00			0.283	
123.00			0.445	
124.00			0.24	
125.00			0.177	
126.00			0.321	
127.00			1.344	
128.00			0.849	
129.00			0.291	
130.00			7.014	
131.00			0.398	
132.00			0.221	
133.00			0.333	
134.00			0.198	
135.00			0.134	
136.00			0.861	
137.00			0.508	
138.00			0.643	
139.00			24.67	
140.00			20.36	
141.00			17.4	
142.00			14.62	
143.00			14.49	
144.00			14.33	
145.00			7.982	
146.00			26.25	
147.00			30.42	
148.00			22.31	
149.00			17.04	
150.00			2.191	
151.00			30.45	
152.00			3.914	
153.00			23.85	
154.00			32.17	
155.00			24.01	
156.00			19.18	
157.00			13.3	
158.00			27.27	
159.00			27.48	
160.00			0.839	
161.00			26.74	
162.00			17.89	
163.00			33.81	
164.00			20.29	
165.00			20.09	
166.00			24.78	
167.00			20.74	
168.00			19.22	
169.00			0.574	
170.00			23.14	
171.00			15.72	
172.00			28.37	
173.00			11.44	
174.00			0.628	
175.00			22.7	
176.00			27.64	
177.00			3.8	
178.00			22.61	
179.00			18.82	
180.00			33.86	
181.00			24.17	
182.00			14.86	
183.00			26.52	
184.00			31.66	
185.00			0.681	
186.00			7.316	
187.00			0.312	
188.00			9.634	
189.00			23.81	
190.00			30.77	
191.00			25.16	
192.00			19.76	
193.00			28.49	
194.00			30.22	
195.00			24.8	
196.00			20.74	
197.00			18.8	
198.00			1.101	
199.00			27.9	
EOH @ 199.94m				

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00				
202.00				
203.00				
204.00				
205.00				
206.00				
207.00				
208.00				
209.00				
210.00				
211.00				
212.00				
213.00				
214.00				
215.00				
216.00				
217.00				
218.00				
219.00				
220.00				
221.00				
222.00				
223.00				
224.00				
225.00				
226.00				
227.00				
228.00				
229.00				
230.00				
231.00				
232.00				
233.00				
234.00				
235.00				
236.00				
237.00				
238.00				
239.00				
240.00				
241.00				
242.00				
243.00				
244.00				
245.00				
246.00				
247.00				
248.00				
249.00				
250.00				

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00				
252.00				
253.00				
254.00				
255.00				
256.00				
257.00				
258.00				
259.00				
260.00				
261.00				
262.00				
263.00				
264.00				
265.00				
266.00				
267.00				
268.00				
269.00				
270.00				
271.00				
272.00				
273.00				
274.00				
275.00				
276.00				
277.00				
278.00				
279.00				
280.00				
281.00				
282.00				
283.00				
284.00				
285.00				
286.00				
287.00				
288.00				
289.00				
290.00				
291.00				
292.00				
293.00				
294.00				
295.00				
296.00				
297.00				
298.00				
299.00				
300.00				

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION

BOX LOG

HOLE: KL-11-25

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	4.72	36	142.49	146.26	71		
2	4.72	9.02	37	146.26	150.42	72		
3	9.02	12.89	38	150.42	154.33	73		
4	12.89	17.07	39	154.33	158.75	74		
5	17.07	21.07	40	158.75	162.81	75		
6	21.07	25.12	41	162.81	166.74	76		
7	25.12	29.09	42	166.74	170.99	77		
8	29.09	32.72	43	170.99	175.21	78		
9	32.72	36.73	44	175.21	179.37	79		
10	36.73	40.50	45	179.37	183.51	80		
11	40.50	44.21	46	183.51	187.75	81		
12	44.21	48.06	47	187.75	192.08	82		
13	48.06	52.08	48	192.08	169.43	83		
14	52.08	56.04	49	169.43	199.94	84		
15	56.04	59.77		EOH @ 199.94m		85		
16	59.77	63.54				86		
17	63.54	67.66				87		
18	67.66	71.76				88		
19	71.76	76.00				89		
20	76.00	80.13				90		
21	80.13	84.25				91		
22	84.25	88.56				92		
23	88.56	92.52				93		
24	92.52	96.53				94		
25	96.53	100.82				95		
26	100.82	104.76				96		
27	104.76	108.96				97		
28	108.96	113.10				98		
29	113.10	117.48				99		
30	117.48	121.65				100		
31	121.65	125.94				101		
32	125.94	130.29				102		
33	130.29	134.52				103		
34	134.52	138.45	69			104		
35	138.45	142.49	70			105		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382757.51	6890432.5	1348.722	181.97

SECTION:

HOLE: KL-11-26

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (181.97m / EOH)

Casing depth: 9.96 (m) in / **out**

Drilling dates: June 28 - 30, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	90.53	34.5	-49.8	Ranger
29.56	33.1	-49.6	Ranger	121.01	34.1	-50	Ranger
44.8	34.7	-49.5	Ranger	151.48	36	-50.2	Ranger
60.05	34.1	-49.7	Ranger	181.96	36.4	-50.2	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	9.96	9.96	OVB	Overburden
9.96	47.37	37.41	GRD	Light Gey Granodiorite
47.37	52.29	4.92	POR	Quartz Feldspar Porphyry Dyke
54.80	63.19	8.39	GRD	Strongly Clay altered granodioirte
63.22	72.02	8.80	POR	Quartz Feldspar Porphyry Dyke
72.02	78.06	6.04	GRD	Altered Granodiorite containign sulphide veins
				and breccias.
78.06	83.31	5.25	POR	Clay altered Quartz Feldspar Porphyry Dyke
83.34	116.30	32.96	GRD	Altered Granodiorite containign veins and stringers.
116.30	116.70	0.40	POR	Quartz Feldspar Porphyry Dyke
116.7	118.55	1.85	BXA	Grey Green Breccia
118.55	130.65	12.10	GRD	Altered GRD with an abundance of veins and stringer
130.65	154.91	24.26	GRD	Weakly Propylitic Grannodioriet
154.91	156.72	1.81	GRD	Phyllic and clay altered granodioiroite with a high
				abundance of stringers.
156.72	181.97	25.25	GRD	Light to Medium Grey Granodioirte.
181.97				EOH

SAMPLES

Numbers: K271993-K269593

Total: 101

Batch: DDH-26 B1-B3

Date Sent: B1-3 (07-31)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-26

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	9.96	9.96				OVB																					Overburden
9.96	47.37	37.41				GRD	LTGY					m															Light Grey Granodiorite with moderate oxidation along fracture surfaces.
			14.96	15.03	0.07	APL	LYPK								DK	50	7	1									Light Pink Aplite Dyke
			16.55	16.61	0.06	GRD	WHOR	EN		s		s			VT	50	1	1									Strongly Oxidized Clay envelope around a strongly oxidized carbonate vein.
			17.54	17.62	0.08	GRD	GYGN	EN	s			ms	pro	ms	VN	80	1	1									Phyllic the propylitic envelopes radiating outwards from a moderatly strongly oxidized carbonate vein.
			25.79	27.95	2.16	GRD	WTGN	EN		s		s	pro	s	VT	60	0	1									Clay the propylitic envelopes radiating outwards from a carbonate veinlet. Fracture in the interval are heavily oxidized.
			28.37	28.60	0.23	GRD	LTGN			s																	Strongly Phyllic Altered Light Green Granodiorite.
			28.60	29.51	0.91	GRD	GYGN		mm	f		s	pro	m													Moderatly propylitic and Phylic altered Granodiorite with a few patches of weak clay alteration.
															ST	60		3									Contains 3 quartz stringers.
			29.51	31.35	1.84	GRD	GNGY																				Strongly Phyllic altered Granodiorite with patches of moderate propylitic alteration and fair to strong clay alteration.
															VN	10	1	1									Low angle smokey quartz vein in the first third of the interval. Moderate strong oxidation along veins and fractures.
			30.76	30.89	0.13	GRD	GN		s											w							Strongly Phyllic altered granodiorite with weak amounts of disseminated pyrite. Contains a quartz vein a calcite vein and a pyrite vein.
			32.81	33.46	0.65	GRD	GNGY		s-i											ms							Strongly Phyllic Granodioirte. Zone of intesnese phyllic alteration in the center of the interval with moderate strong amounts of disseminated pyrite.
			33.46	34.36	0.90	GRD	GYGN			s			pro	s													Alternating Phyllic and propylitic alterd Granodiorite.
			34.36	34.60	0.24	GRD	GN		s				pro	m													Phyllic and propylitic altered green granodiorite.
			34.60	34.98	0.38	GRD	WHGN			s			pro	s													Alternating Phyllic and propylitic alterd Granodiorite.
			34.98	35.30	0.32	GRD	GN		s				pro	m													Phyllic and propylitic altered green granodiorite.
			35.30	35.39	0.09	BXA	GNGY			m																	Green Grey moderatly clay altered breccia
			35.39	35.47	0.08	BXA	BK													w							Black Breccia with weak amounts of disseminated pyrite.
			35.47	35.66	0.19	GRD	GN		s				pro	m													Phyllic and propylitic altered green granodiorite.
															ST	75		2		100							Two pyrite stringers in the center of teh interval
			38.46	38.56	0.10	GRD	WHYW	EN	w	s					VT	70	0	1									Clay and Phyllic Envelopes around two black and white quartz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															VT	70	1	1									
			43.92	43.99	0.07	GRD	GNYW	EN		m																	Yellow Green clay envelope surrounding a black breccia vein.
						BXA	BK								VN	65	1	1									
			44.85	45.05	0.20	GRD	GNYW								VN	60	1	1									Strongly phyllic and clay altered Granodiorite. Weakly oxidized.
															ST	70		4									Contains four black stringers and one white carbonate vein.
			45.92	46.02	0.10	GRD	GYGN	EN	m																		Moderate Phyllic envelope around a black breccia vein.
						BXA	BK								VN	70	1	1									
			47.14	47.23	0.09	GRD	GYOR		s		f																Strongly Phyllic Granodioirte with fair amounts of oxidation.
			47.23	47.37	0.14	BXA	BK													t							Black Breccia with trace amounts of disseminated pyrite.
47.37	52.29	4.92				POR	THGN																				Tan Green Quartz Feldspar Porphyry Dyke with large patches of Purple Grey Alteration.
52.29	54.80	2.51				BXA	GNBK			w-i										n-w							Weak to intesely clay altered black grey and green breccia. Contains none to weak amounts of disseminated pyrite.
			52.29	52.44	0.15	BXA	GY			i																	Intesely Clay altered Black Breccia
			52.44	52.48	0.04	VEN	DKGY													m							Dark Grey Quartz vein with moderate amounts of disseminated pyrite.
			52.54	52.56	0.02	VUG	LTGN																				Large light green calcite vugg. Crystals are 0.6cm or smaller in size.
			54.51	54.72	0.21	BXA	DKGY				i									m-s							Appears to be an intensly silicified black breccia with moderate to strong amounts of disseminated pyrite. This is difficult to determine due to the fact that the rock has been severely broken up.
			54.72	54.77	0.05	BXA	GY				i																Intensely Clay Altered Black Breccia
			54.77	54.80	0.03	VEN	DKGY	BX																			Dark Grey Quartz vein has brecciated a bit of host rock when it intruded.
54.80	63.19	8.39				GRD	WHPK		s				pot	m													Strongly Clay Altered white green pink granodiorite with moderat amounts of potassic alteration.
			56.27	56.31	0.04	VEN	GYTN								VN	45	4	1									Grey Quartz and Tan Carbonate Veir
			57.84	58.00	0.16	GRD	GNWH		s				pro	s													Alternating Patches of strong dark green propylitic and strong white pink clay alteration.
			58.62	59.22	0.60	GRD	WHGN		s				pro	s													Primarily White/Grey strong clay altered granodiorite. With small patches of fair to moderate propylitic alteration throughout the interval.
															VN	60	0	1									Strong propylitic alteration is at the top and bottom of the interval. Tan carbonate vein in the center of the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			59.22	60.37	1.15	GRD	PUGY						pro	w														Weakly Porpylitic Altered Grey Purple Granodiorite
			60.62	61.85	1.23	GRD	GNOR		m-s	f-m																	Moderate to Strongly Phyllic altered and fair to moderate clay altered green orange granodiotite
															VT	30	0.3	3									Contains three grey quartz veinlets.
			60.70	60.79	0.09	BXA	BX	BL												w			t				Black Breccia with weak amounts of disseminated pyrite and pyrite blebs and trace amounts of galena blebs.
			61.85	62.51	0.66	GRD	GYPU						pro	f-m														Fair to moderatly propylitic altered hrey green purple granodiorite.
			62.75	62.77	0.02	VEN	GYWH								VN	75	2	1										Tan Grey Quartz and White Calcite Vein.
			62.95	63.06	0.11	VEN	BKTN								ST	35		5										High abundance of dark grey stringers and veinlets make most of the rock dary grey. Bottom of the interval conatins a large tan carbonate vein.
															VT	35	0.2	4										
															VT	30	1	1										
			63.06	63.10	0.04	GRD	GY			i																		Intensely Clay Altered Granodioritite (?). Clay is very soft and maleable.
			63.10	63.19	0.09	BXA	BKTN				s									w								Strongly Silicified Black Breccia with weak amounts of pyrite blebs.
63.22	72.02	8.80				POR	TNPU			n-s																		Tan Quartz Feldspar Porphyry Dyke. Large patches of purple alteration throughout the dyke. Quartz stringers and veinlets are present throughout the interval. Fair to strong amounts of clay alteration at the top of the interval and none to moderate for the rest o fthe interval.
															ST	40		1-10										
															VT	85	0	1										
			65.02	65.24	0.22	POR	TNGN	BX							ST			20+										Tan Grey Quartz Feldspar Porphyry Dyke with a high abundance of dark grey stringers branching off in all directions.
			65.95	65.97	0.02	VEN	BK								VN	60	1	1										Black Breccia Vein
			65.98	66.01	0.03	VEN	LTOR								VN	60	1	1										Light Orange Carbonate Vein
			66.01	66.14	0.13	POR	GY			i																		Intensely Clay Altered Quartz Feldspar Porphyry Dyke
			66.14	66.34	0.20	POR	DKGN																					Fine Grained Drak Green Grey Altered quartz feldspar porphyry dyke
			66.34	66.79	0.45	BXA	BKTN	BX															t					Brecciated Tan Quartz Feldspar Porphyry Dyke. Trace amounts of disseminated galena in the black matrix.
			70.08	70.12	0.04	VEN	BK	BX		m					VN	40	2	1										Moderatly Clay Altered Black Breccia Veir
			70.19	70.23	0.04	VEN	BK	BX							VN	70	3	1										Black Breccia Vein
			71.00	71.02	0.02	VEN	BK	BX							VN	15	2	1										Black Breccia Vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
72.02	78.06	6.04				GRD	GNON	BL	i		n-m											t	t				Intensely Phyllic and partially silicified Granodiorite. The top of the interval contains a high abundance of a soft orange mineral that effervesses with acid, possibly montmorillonite. Top of interval contains trace amounts of galena and sphalerite blebs.
			72.54	72.89	0.35	BXA	BKOR	DI			i									m							Intensely Silicified Black Orange Breccia. Contains Moderate amounts of disseminated pyrite.
73.00	78.06	5.06				GRD	WHGN		n-m	s																	Strongly Clay Altered white green granodiorite. Contains a number of black stringers and veinlets throughout the interval.
			73.83	74.12	0.29	BXA	BK				m-i				VN	50	2	1		t							Silicified Black breccia vein with two two quartz veins. One is located at the top of the interval wgile the other is located at the bottom. Breccia contaims trace amounts of disseminated pyrite.
															VN	40	1	1									
			74.29	74.34	0.05	BXA	BK													t							Black breccia Vein with trace amounts of disseminated pyrite.
			75.28	75.60	0.32	GRD	WHGN			s			pro	s													Clay altered white pink granodiorite with patches of dark green stron propylitic alteration.
			75.60	75.85	0.25	GRD	GN		s																		Strong Phyllic Altered green granodiorite
			77.06	77.75	0.69	GRD	GNGY		s	f																	Phyllic and Clay Altered Granodiorite
															VN	2	80	1		m-s			f				Contains three dark grey quartz veins with moderate to strong amounts of disseminated pyrite and fair amounts of disseminated galena.
															VN	1	80	1		m-s			f				
															VT	1	80	1		m-s			f				
			77.75	78.06	0.31	BXA	BKGN			m																	Black and green Moderatly Clay altered clay altered breccia with trace to moderate strong amounts of pyrite.
78.06	83.31	5.25				POR	TNGY			n-m					ST	50		5									None to moderatly calay altered quartz feldspar porphyryr dyke. Contains a abundance of black stringers throughout the interval.
			79.60	79.95	0.35	BXA	BKGY			s																	Strongly Clay altered black grey breccia.
			81.66	82.12	0.46	BXA	BKGY			m	s									m-s	s	f	w				Moderatly clay altered black grey breccia. Contains disseminated sulhided and sulphide blebs.
			82.24	82.30	0.06	BXA	BK													f							Black breccia with trace amounts of pyrite
			82.30	82.46	0.16	BXA	GY																				Grey clay altered silicified blackbreccia.
			82.90	86.79	3.89	BXA	BK	DI												m-s	m						Black Sulphide Breccia
83.34	86.79	3.45				GRD	GNGY		ms	m			pro	m													Moderate Strong Phyllic Altered green granodiorite. Contains a few patches of moderate propylitic and clay alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															VT	70	0	3-4									There are carbonate veinlets throughout the interval.
			84.69	84.78	0.09	VEN	DKGY								VN	70	9	1									Dark grey quartz vein that has incorperated a bit o fthe phyllic altered granodiorite. Contains blebs of sphalerite, pyrite and disseminated pyrite and disseminated pyrite.
			86.04	86.07	0.03	VEN	WHBK	BX							VT	70	9	1									White and Dark Grey quartz veining, brecciated the host phyllic granodiorite rock.
			86.28	86.41	0.13	GRD	GN		s											t							Srong Phyllic envelope surrounding a white and dark grey quartz vein containg moderate amounts of of disseminated pyrite.
															VN	30	1	1		m							
86.79	116.30	29.51				GRD	GNGY		s				pro	w													alternating Zones of grey green weak propylitic alteration and strong phyllic alteration. Much of the phyllic alteration occures as envelopes around veinlets.
			87.72	88.40	0.68	GRD	GNYW		ms						ST	50		5									Moderate to strong phyllic altered granodiorite with a large number of quartz stringers.
			89.57	89.69	0.12	GRD	GNYW	EN	ms						BX	80	0	1									Moderate strong phyllic envelope around a dark grey breccia veinlet.
			90.01	90.09	0.08	GRD	GNYW	EN	ms						VT	50	0	1									Moderate strong phyllic envelope around a light orange carbonate veinlet.
			90.76	90.97	0.21	GRD	WHGN			s																	Strongly clay Altered Granodiorite
			92.43	92.83	0.40	GRD	GNYW		ms						VT	50	0	4									Moderalty Strong Phyllic Altered green, yellow granodiorite. Contains four carbonate veinlets.
			93.55	94.14	0.59	GRD	GN		s																		Strongly Phyllic altered green Granodiorite.
															VN	60	4	1		45							Contains three tan quartz/black breccia sulphide veins.
															VN	70	3	1		45							
															VN	80	4	1		25							
								VU							VT	50	1	1		30							Contains one vuggy quartz pyrite veinlet.
															VT	55	1	1		80							Quartz pyrite veinlet.
			94.20	95.80	1.60	GRD	GNYW		ms	ms																	Moderatly strong clay and phyllic altered Granodiorite
								BX							VN	75	2	1		t							Grey Quartz breccianvein in the center of the interval
			95.55	95.75	0.20	GRD	GY			i																	
			96.15	96.45	0.30	GRD	GNBL	EN	s		m									fs							Strong Blue Green Phyllic Envelope around white and dark grey quartz vein.
															VN	45	1	1		w							
			96.45	97.09	0.64	GRD	GNGY		s				pro	s													Alternating Strong Phyllic and propylitic alteration
			100.74	101.45	0.71	GRD	GNWH	EN	s	s																	A small (4cm), phyllic envelope then a large clay envelope surrounding a vein zone in the center of the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															VN	50	1	1									The vein zone consists of a dark gey quartz, a white calcite and a black breccia vein.
															VN	30	1	1									
								BX							VN	80	1	1									
								EN					pro	s	VT	70	0	4									The interval contains a few quartz veinlets with small propylitic envelopes.
			103.81	104.96	1.15	GRD	GNBL	EN	i											w-m							Intense phyllic envelope surrounding a vein in the center of the interval.
								BL							VN	70	2	1		s		m					The vein is tan grey quartz and has a string of pyrite and sphalerite blebs running through its center.
			103.96	104.20	0.24	GRD			m	s																	Moderate Phyllic Alteration that turns into clay alteration in the last thrid of theinterval
			104.42	105.04	0.62	GRD				s			pro	m													Strongly Clay Altered granodiorite with moderate amounts of propylitic alteration.
			105.33	105.43	0.10	VEN									VN	70	10	1		ms							Grey quartz vein with a black breccia running through the center and blebs of pyrite throughout the interval.
			105.83	105.88	0.05	VEN									VN	65	4	1									Dark Grey Quartz vein that has weakly brecciated the host rock. There is a white calcite vein running through the cenetr of the quartz vein.
															VN	65	1	1									
			105.94	105.96	0.02	VEN	BKGY	BX							VN	90	1	1									Black and Grey Breccia Vein
			106.14	106.17	0.03	VEN	GY								VN	55	2	1			f						Tan and Grey Quartz vein. Conbtains fair amonts of disseminated pyrite.
			106.75	106.77	0.02	VEN	BK	BX							VN	65	1	1									BlacK Breccia Vein
			103.02	103.35	0.33	GRD	LTGN	FL		s																	Strongly Clay alteerd chlorite rich, light green, flow banded granodiorite.
			103.35	103.66	0.31	GRD	GNBK	BX		s			pro	ms						t							String Phyllic and moderate strong propylitic altered granodiorite.
															VT	80	0	3									Contains crisscrossing black veinlets and the breccia has no orientation.
			103.72	103.74	0.02	BXA	BK								VT		0	1		t							Black Breccia Vein
			108.54	108.66	0.12	GRD	GYGN		s		ms									f							Grey Green Silicified Phyllic Altered granodiorite with two dark grey and tan quartz veins.
															VN	60	1	2									
			110.70	110.80	0.10	BXA	BKGY													w							Balck Breccia with weak amounts of disseminated pyrite.
			110.95	111.06	0.11	VEN	DKGY													f		f					dark Grey Quartz with disseminated pyrite and sphalerite blebs.
			111.50	111.53	0.03	VEN	BK	BX							VN	65	25	1		w			w				Black Breccia vein.
			111.58	111.63	0.05	VEN	GGY								VN	65	5	1		f-s	f	f					Grey Quartz vein with pyrite and sphalerite blebs and disseminated pyrite and arsenopyrite.
			111.88	111.95	0.07	GRD	MDGY				s																band of medium grey silicified granodiorite.
			115.02	115.07	0.05	GRD	GN	EN					pro	s													Strong propylitic envelope surrounding a tan and white quartz vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								BL							VN	80	1	1				m	m				
			115.74	115.79	0.05	GRD	GNTN	EN					pro	s						t							Strong Propylitic envelope surrounding a tan and white quartz vein.
															VN	85	1	1									
			115.97	116.03	0.06	GRD	GYGN		s																		Strongly Phyllic altered, flow textured granodiorite. Center of interval contains a 6cm wide patch of black breccia.
116.30	116.70	0.40				POR	GY			m																	Grey Mderatly Clay Altered Quartz feldspar Porphyry Dyke that is moderatly fractured.
116.70	117.55	0.85				BXA	GYGN													t							Grey Green Breccia with trace amounts of pyrite.
117.55	118.06	0.51				POR	GY																				Grey Mderatly Clay Altered Quartz feldspar Porphyry Dyke that is moderatly fractured.
118.00	118.55	0.55				BXA	GY			s-i	i																The first 2/3 of the interval are strong to intensely clay altered breccia. The last 1/3 is intesely silicified grey breccia.
118.55	121.60	3.05				GRD	GNOR			m-i																	Moderate to Intensely Caly Alterded Granodiorite. Majority of the interval has been fractured and broken up.
			118.72	118.80	0.08	BXA	BK													t							Black breccia containing trace amounts of disseminated pyrite.
121.60	122.81	1.21				POR	GY			m																	Grey Mderatly Clay Altered Quartz feldspar Porphyry Dyke that is very broken up and rubbly.
122.81	123.84	1.03				GRD	GYGN			s-i																	Strong to inbtensely clay altered granodiorite. Intensely clay altered portions are soft and maleable.
123.84	130.65	6.81				GRD	GN		s	m																	Strong Phyllic and moderate Clay Altered granodiorite.
			124.43	124.59	0.16	GRD	WHPK		s				pot	m													Strong Clay and Moderate potassic Alteerd Granodiorite.
			124.69	124.94	0.25	MAF	DKGN								DK		35	1									dark green mafic Dyke. The dyke has been broken up so its additude is difficult to determine.
			126.15	126.21	0.06	VEN	THGY													s		m					Tan and dark grey Quartz vein. Contains strong amounts of disseminated pyrite and pyrite blebs as wel as moderate amounts of sphalerite blebs.
			126.21	126.34	0.13	GRD	GYBL	DI			m									w							Moderatly Silicified Grey Blue breccia with weakamounts of disseminated pyrite.
			126.87	126.92	0.05	VEN	BK	BX							VN	65	1	1									Black Breccia vein with trace amounts of disseminated pytrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			126.97	127.01	0.04	VEN	GYWH			s																	Dark grey and White strongly clay altered quartz vein.
			127.54	127.58	0.04	VEN	BK	BX							VN	73	1	1									Black Breccia vein with trace amounts of disseminated pytrite.
			128.98	129.23	0.25	GRD	GYBN			s																	Strongly Clay altered brown grey granodioirte. Interval is soft and impressions in the core can be easily made.
			129.23	129.90	0.67	GRD	GNGY		s	f										w							Strongly Phyllic and Fairly Clay altered Granodiorite with a high abundance of veins and veinlets.
															VT	75	0	4									Black sulphide veinlets are the most common
															VT	30	0	4									
															VN	30	1	1									There is one black breccia vein in the last third of the interval.
			130.15	130.65	0.50	GRD	GNWH			s			pro	s													Strong Clay and propylitic altered granodiorite
			130.34	130.35	0.01	GRD	PK	BN																			Diffuse pink band.
130.65	154.91	24.26				GRD	PUGY																				Weakly propylitic purple, grey, green granodiorite.
								EN	m						VT	60	0	2									Contains a few white quartz veinlets with small 1-2cm phyllic envelopes.
			132.20	132.27	0.07	GRD	PUGY						hem	i	FX	35		1									Fracture containing intense hematite staining along fracture surface.
			134.09	134.20	0.11	GRD	WHOR			s			pot	f													Strongly Clay and fairly potassic altered white orange granodioirte.
			135.50	136.59	1.09	GRD	GNGY	EN	s	s			pro	ms													Phyllic envelope around a dark grey quartz vein with alternating patches of clay and propylitic alteration beyond it.
															VN	70	1	1									
			138.23	139.12	0.89	GRD	GNGY		mf	f			pro	f													Phyllic envelope around a dark grey quartz vein with alternating patches of fair propylitic alteration
			139.12	139.25	0.13	GRD	GN	EN			s		pro	s	VN	70	0	1		s							Strongly Silicified propylitic envelope around a quartz carbonate vein with pyrite blebs.
			139.25	139.39	0.14	GRD	GNGY		s		s									w-s							Strongly silicified phyllic altered granodiorite, with weak to strong amounts of disseminated pyrite.
			143.09	143.26	0.17	GRD	GN		m											ms							Moderate strong phyllic envelope around a quartz pyrite veinlet.
															VN	70	1	1									
			144.96	147.05	2.09	GRD	WHGN		s	s			pro	s													Alternating patches fo strong propylitic, clay and phyllic altered granodiorite.
															ST	70		5									High abundance of quartz stringers throughout the interval.
			147.05	147.43	0.38	GRD	PUGY						pro	w													Weak propylitic clay altered purple grey granodiorite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															ST	70		17		w							Very high abundance of black stringers containing weak amounts of pyrite.
			147.17	147.33	0.16	GRD	GNGY		ms				pro	m													Moderate Strong Phyllic Envelope then a moderatly propylitic envelope radiating outwards from a light tan quartz vein.
															VN	70	1	1									
			150.22	151.04	0.82	GRD	GN		s	ms			pro	ms													Clay alteration for the first 1/4, phyllic alteration for the next 1/2 and propylitic alteraton for the last quarter.
								EN					pro	s	VT	50	1.5	1		w							The phyllic portion contains two white/tan quartz/carbonate veins and two veinlets. The first vein has a strong propylitic envelope.
															VN	65	1	1									
															VT	65	0	2									
			151.47	151.57	0.10	GRD	DKGN	EN	ms		m		pro	ms	VN	60	1	1		f-m							Moderatly silicifed propylitic and phyllic envelope surrounding a quartz vein.
			151.57	152.19	0.62	GRD	GN		s				pro	m													Strongly Phyllic Altered granodiorite with patches of moderate phyllic alteration.
			152.19	153.79	1.60	GRD	GNGY		s	s			pro	s													Alternating patches fo strong propylitic, clay and phyllic altered granodiorite.
															ST	55		8									Large amounts of quartz carbonate stringers
			153.79	153.81	0.02	VEN	WTMT								VN		2	1		55							Quartz Pyrite Vein
			153.82	153.95	0.13	GRD	GNWH		s	s																	Strongly Phyllic Altered granodiorite with bands of strong clay alteration.
			153.95	154.91	0.96	BXA	GNBK													t							Black and Green breccia with trace amounts of pyrite.
154.91	156.72	1.81				GRD	GN		ms				pro	f						t							Moderatly Strong Phyllic and Fair Propyliticly altered granodiorte. Contains a high abundace of black sulphide stringers.
															ST	65		8		w							
156.72	181.97	25.25				GRD	GY																				Light to Medium Grey granodiorite
			167.07	167.43	0.36	GRD	WHGN			m-s																	Moderate to strong clay altered granodiorite with a grey calcite vein in the first 1/3 of the interval.
															VN	70	1	1									
			167.43	167.55	0.12	MAF	MDGY								DK	70	12	1		f							Medium Grey Mafic dyke with fair amounts of disseminated pyrite.
															VT	60	0.1	1									Light grey carbonate veinlet in the center of the interval.
			168.77	169.55	0.78	GRD	GN		s				pro	ms													Strong Phyllic Altered Granodiorite with patches of moderate strong clay alteration. There are two veins in the center of the interval.
			171.19	171.30	0.11	MAF	MDGY								DK	85	11	1									Medium Grey Mafic Dyke
			172.73	173.09	0.36	GRD	WHGN			s			pro	ms													Strongly Clay altered granodioriet with patches of moderate strong propylitic alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			174.45	174.85	0.40	GRD	GNGY	EN	s				pro	ms	VN	60	2	2		t							Phyllic then propylitic envelopes radiating outwards from two light tan carbonate veins in the cebnter of the interval.
			176.07	176.08	0.01	APL	RDPK								VT	70	0	1									Red/Pink Aplite veinlet
			176.30	176.35	0.05	VEN	DKGY	BX							VN	60	5	1		m							Dark Grey Breccia vein with moderate amounts of disseminated pyrite..
			176.72	177.11	0.39	GRD	WHPK			s			pot	s													Strong Potassic and clay altered granodioirte
															VT	?	0	1									White carbonate veinlet in the center of the interval that branches out in all directions.
			179.72	180.09	0.37	GRD	GN	EN	ms	s			pro	ms													Moderate Strong Phyllic and propylitic envelope around a white calcite vein. Strong clay alteration for 1cm at the top and bottom of the interval.
			180.72	181.20	0.48	GRD	WHGN			s			pro	w													Strong clay altered granodiorite with weak amounts of propylitic alteration.
															ST			7									Abundance of dark grey stringers branching off in all directions.
			181.90	EOH																							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-26

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	1.52	1.52	0.52	34	0.00	0	M	EW		
1.52	4.79	3.27	0.43	13	0.00	0	MW	HW		
4.79	7.32	2.53	0.50	20	0.00	0	M	HW		
7.32	10.07	2.75	0.42	15	0.00	0	M	HW		
10.07	11.28	1.21	0.85	70	0.26	21	VS	MW		
11.28	14.33	3.05	0.65	21	0.14	5	VS	SW		
14.33	17.37	3.04	3.10	102	1.62	53	S	SW		
17.37	20.42	3.05	2.91	95	1.98	65	M	SW		
20.42	23.47	3.05	3.28	108	1.37	45	M	SW		
23.47	26.52	3.05	3.06	100	2.06	68	S	SW		
26.52	29.57	3.05	2.99	98	1.58	52	M	SW		
29.57	32.61	3.04	2.96	97	1.15	38	S	MW		
32.61	35.66	3.05	3.05	100	1.77	58	S	SW		
35.66	38.71	3.05	3.18	104	1.17	38	S	SW		
38.71	41.76	3.05	2.95	97	2.02	66	VS	FR		
41.76	44.81	3.05	3.07	101	1.65	54	VS	FR		
44.81	47.85	3.04	3.09	102	1.81	60	VS	FR		
47.85	50.90	3.05	3.01	99	2.58	85	S	FR		
50.90	53.95	3.05	3.04	100	0.84	28	MW	FR		
53.95	57.00	3.05	3.05	100	2.77	91	S	FR		
57.00	60.05	3.05	2.81	92	1.96	64	M	FR		
60.05	63.09	3.04	2.98	98	1.66	55	M	FR		
63.09	66.14	3.05	3.11	102	0.77	25	M	FR		
66.14	69.19	3.05	2.90	95	1.27	42	S	FR		
69.19	72.24	3.05	2.93	96	1.05	34	M	FR		
72.24	75.28	3.04	2.97	98	2.19	72	M	FR		
75.28	78.33	3.05	3.06	100	2.20	72	MS	FR		
78.33	81.38	3.05	3.00	98	0.64	21	MS	FR		
81.38	84.43	3.05	2.82	92	1.30	43	MS	FR		
84.43	87.48	3.05	3.10	102	2.30	75	MS	FR		
87.48	90.53	3.05	3.04	100	1.67	55	S	FR		
90.53	93.57	3.04	2.90	95	2.40	79	MS	FR		
93.57	96.62	3.05	3.14	103	2.02	66	MS	FR		
96.62	99.67	3.05	3.06	100	2.40	79	MS	FR		
99.67	102.73	3.06	3.03	99	2.11	69	S	FR		
102.73	105.77	3.04	3.12	103	2.31	76	S	FR		
105.77	108.81	3.04	2.86	94	1.39	46	S	FR		
108.81	111.86	3.05	3.12	102	1.84	60	M	FR		
111.86	114.91	3.05	3.02	99	2.64	87	M	FR		
114.91	117.96	3.05	3.03	99	1.15	38	M	FR		
117.96	121.01	3.05	2.98	98	0.25	8	M	FR		
121.01	124.05	3.04	2.82	93	0.60	20	M	FR		
124.05	127.10	3.05	2.90	95	0.63	21	S	FR		
127.10	130.15	3.05	3.09	101	1.15	38	S	FR		
130.15	133.20	3.05	2.97	97	1.62	53	S	FR		
133.20	136.25	3.05	3.05	100	1.82	60	MS	FR		
136.25	139.30	3.05	3.06	100	1.15	38	M	FR		
139.30	142.34	3.04	3.00	99	1.92	63	MS	FR		
142.34	145.39	3.05	3.10	102	2.31	76	MS	FR		
145.39	148.44	3.05	3.11	102	2.30	75	MS	FR		
148.44	151.49	3.05	3.10	102	1.57	51	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	2.95	97	1.94	64	MS	FR		
154.53	157.58	3.05	3.13	103	2.24	73	MS	FR		
157.58	160.63	3.05	2.98	98	2.71	89	MS	FR		
160.63	163.68	3.05	2.91	95	2.16	71	MS	FR		
163.68	166.73	3.05	3.20	105	2.46	81	MS	FR		
166.73	169.77	3.04	3.13	103	1.45	48	MS	FR		
169.77	172.82	3.05	2.93	96	2.07	68	MS	FR		
172.82	175.87	3.05	3.07	101	1.94	64	S	FR		
175.87	178.92	3.05	2.99	98	1.96	64	VS	FR		
178.92	181.97	3.05	3.13	103	1.56	51	MS	FR		
										EOH @ 181.97m

SAMPLE LOG

HOLE: KL-11-26

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
9.96	12.00	2.04	1.95	96	K271993	1					
12.00	15.00	3.00	3.00	100	K271994	1					
15.00	18.00	3.00	2.80	93	K271995	1					
18.00	21.00	3.00	3.05	102	K271996	1					
21.00	24.00	3.00	2.99	100	K271997	1					
24.00	26.93	2.93	2.81	96	K271998	1					
26.93	28.37	1.44	1.44	100	K271999	1					
28.37	31.35	2.98	2.79	94	K272000	1					
31.35	32.81	1.46	1.50	103	K269501	1					
32.81	35.66	2.85	2.95	104	K269502	1					
35.66	38.46	2.80	2.69	96	K269503	1					
38.46	41.00	2.54	2.56	101	K269504	1					
					K269505	1					Standard CDN-ME-16
41.00	44.00	3.00	2.99	100	K269506	1					
44.00	45.05	1.05	1.02	97	K269507	1					
					K269508	1					Duplicate
45.05	47.37	2.32	2.26	97	K269509	1					
47.37	50.00	2.63	2.63	100	K269510	1					
50.00	52.29	2.29	2.28	100	K269511	1					
52.29	54.80	2.51	2.56	102	K269512	1					
54.80	57.84	3.04	3.02	99	K269513	1					
57.84	60.62	2.78	2.74	99	K269514	1					
60.62	63.22	2.60	2.66	102	K269515	1					
63.22	65.95	2.73	2.81	103	K269516	1					
65.95	69.00	3.05	3.10	102	K269517	1					
					K269518	1					Standard CDN-ME-16
69.00	72.01	3.01	2.99	99	K269519	1					
72.01	73.00	0.99	1.02	103	K269520	1					
					K269521	1					Blank
73.00	74.34	1.34	1.28	96	K269522	1					
74.34	77.06	2.72	2.75	101	K269523	1					
77.06	78.06	1.00	1.01	101	K269524	1					
					K269525	1					Blank
78.06	79.60	1.54	1.41	92	K269526	1					
79.60	81.66	2.06	2.15	104	K269527	1					
81.66	82.46	0.80	0.73	91	K269528	1					
82.46	83.34	0.88	0.91	103	K269529	2					
83.34	84.69	1.35	1.32	98	K269530	2					
84.69	86.41	1.72	1.69	98	K269531	2					
86.41	88.40	1.99	1.96	98	K269532	2					
88.40	91.00	2.60	2.50	96	K269533	2					
					K269534	2					Standard PL-2
91.00	93.50	2.50	2.50	100	K269535	2					
93.50	94.25	0.75	0.69	92	K269536	2					
					K269537	2					Blank
94.25	95.72	1.47	1.50	102	K269538	2					
95.72	96.45	0.73	0.75	103	K269539	2					
96.45	98.40	1.95	1.90	97	K269540	2					
98.40	100.74	2.34	2.35	100	K269541	2					
100.74	102.45	1.71	1.70	99	K269542	2					
102.45	103.96	1.51	1.52	101	K269543	2					
103.96	105.04	1.08	1.06	98	K269544	2					
105.04	106.79	1.75	1.75	100	K269545	2					
					K269546	2					Blank
106.79	107.79	1.00	1.00	100	K269547	2					
107.79	110.70	2.91	2.80	96	K269548	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
110.70	111.73	1.03	0.97	94	K269549	2					
111.73	114.00	2.27	2.33	103	K269550	2					
114.00	115.02	1.02	1.00	98	K269551	2					
					K269552	2					Duplicate
115.02	116.70	1.68	1.70	101	K269553	2					
116.70	117.40	0.70	0.72	103	K269554	2					
117.40	118.39	0.99	1.00	101	K269555	2					
118.39	120.00	1.61	1.60	99	K269556	2					
120.00	121.60	1.60	1.56	98	K269557	2					
121.60	122.81	1.21	0.83	69	K269558	2					
					K269559	2					Standard PL-2
122.81	123.84	1.03	1.06	103	K269560	2					
123.84	126.15	2.31	2.21	96	K269561	2					
126.15	128.13	1.98	2.01	102	K269562	2					
128.13	129.23	1.10	1.07	97	K269563	2					
129.23	130.16	0.93	0.93	100	K269564	2					
130.16	132.00	1.84	1.85	101	K269565	3					
132.00	134.20	2.20	2.19	100	K269566	3					
134.20	135.51	1.31	1.30	99	K269567	3					
135.51	136.59	1.08	1.09	101	K269568	3					
136.59	139.48	2.89	2.93	101	K269569	3					
139.48	142.00	2.52	2.50	99	K269570	3					
					K269571	3					Standard CDN-ME-16
142.00	144.96	2.96	2.93	99	K269572	3					
144.96	147.05	2.09	2.14	102	K269573	3					
147.05	149.00	1.95	1.98	102	K269574	3					
					K269575	3					Duplicate
149.00	151.04	2.04	2.05	100	K269576	3					
151.04	153.79	2.75	2.75	100	K269577	3					
153.79	154.91	1.12	0.95	85	K269578	3					
					K269579	3					Blank
154.91	156.72	1.81	1.80	99	K269580	3					
156.72	159.00	2.28	2.28	100	K269581	3					
159.00	162.00	3.00	2.89	96	K269582	3					
					K269583	3					Standard CDN-ME-16
162.00	165.00	3.00	3.10	103	K269584	3					
165.00	166.70	1.70	1.75	103	K269585	3					
166.70	167.75	1.05	1.04	99	K269586	3					
167.75	169.55	1.80	1.66	92	K269587	3					
					K269588	3					Blank
169.55	171.30	1.75	1.87	107	K269589	3					
171.30	174.45	3.15	3.08	98	K269590	3					
174.45	176.38	1.93	1.96	102	K269591	3					
176.38	179.00	2.62	2.53	97	K269592	3					
179.00	181.97	2.97	3.08	104	K269593	3					
											EOH @ 181.97 m

DENSITY LOG

Hole: **KL-11-26**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
55.52	GRD		Clay	s						10.656	6.31	803	637	Clay Altered Granodiorite	2.41	4.84
68.5	POR									10.033	6.286	760.5	683.5	Purple quartz feldspar porphyry dyke	2.44	9.88

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-26

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00				
6.00				
7.00				
8.00				
9.00				
10.00			20.17	
11.00			19.07	
12.00			20.67	
13.00			21.11	
14.00			19.69	
15.00			18.8	
16.00			24.38	
17.00			19.79	
18.00			26.47	
19.00			18.53	
20.00			18.49	
21.00			8.993	
22.00			22.35	
23.00			20.59	
24.00			22.44	
25.00			25.07	
26.00			23.59	
27.00			22.62	
28.00			17.09	
29.00			4.533	
30.00			1.399	
31.00			0.433	
32.00			7.427	
33.00			16.2	
34.00			2.411	
35.00			0.733	
36.00			22.26	
37.00			23.74	
38.00			10.16	
39.00			0.655	
40.00			21.42	
41.00			18.54	
42.00			20.47	
43.00			18.45	
44.00			16.79	
45.00			11.85	
46.00			15.3	
47.00			11.31	
48.00			0.376	
49.00			0.198	
50.00			0.199	
51.00			0.185	
52.00			0.216	
53.00			0.396	
54.00			0.033	
55.00			0.339	
56.00			0.948	
57.00			0.359	
58.00			1.524	
59.00			0.399	
60.00			0.451	
61.00			0.169	
62.00			1.866	
63.00			0.146	
64.00			0.255	
65.00			0.135	
66.00			0.175	
67.00			0.134	
68.00			0.316	
69.00			0.265	
70.00			0.239	
71.00			0.296	
72.00			0.436	
73.00			0.286	
74.00			0.224	
75.00			0.548	
76.00			0.7	
77.00			0.328	
78.00			0.302	
79.00			0.276	
80.00			0.301	
81.00			0.281	
82.00			0.331	
83.00			0.573	
84.00			0.347	
85.00			0.831	
86.00			0.337	
87.00			3.21	
88.00			1.338	
89.00			5.397	
90.00			1.26	
91.00			6.492	
92.00			0.927	
93.00			3.917	
94.00			0.292	
95.00			0.291	
96.00			0.816	
97.00			0.538	
98.00			5.529	
99.00			1.063	
100.00			0.553	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			2.665	
102.00			0.337	
103.00			0.763	
104.00			0.434	
105.00			0.542	
106.00			0.212	
107.00			0.459	
108.00			0.261	
109.00			0.746	
110.00			0.338	
111.00			0.294	
112.00			0.27	
113.00			0.336	
114.00			0.361	
115.00			0.263	
116.00			0.541	
117.00			0.295	
118.00			0.157	
119.00			0.318	
120.00			0.286	
121.00			0.299	
122.00			0.293	
123.00			0.402	
124.00			0.471	
125.00			0.463	
126.00			0.452	
127.00			0.49	
128.00			0.2666	
129.00			0.382	
130.00			0.478	
131.00			5.082	
132.00			18.6	
133.00			18.22	
134.00			6.946	
135.00			17.92	
136.00			0.429	
137.00			7.329	
138.00			0.549	
139.00			0.503	
140.00			18.69	
141.00			17.59	
142.00			19.79	
143.00			14.52	
144.00			14.18	
145.00			1.93	
146.00			0.56	
147.00			13.37	
148.00			11.15	
149.00			17.14	
150.00			8.25	
151.00			1.88	
152.00			0.22	
153.00			0.35	
154.00			0.18	
155.00			0.021	
156.00			0.25	
157.00			25.7	
158.00			27.65	
159.00			29.29	
160.00			0.65	
161.00			23.03	
162.00			19.93	
163.00			18.5	
164.00			25.45	
165.00			21.62	
166.00			26.71	
167.00			26.27	
168.00			27.66	
169.00			0.469	
170.00			13.9	
171.00			21.73	
172.00			19.83	
173.00			19.82	
174.00			20.84	
175.00			10.14	
176.00			23.02	
177.00			17.24	
178.00			23.39	
179.00			13.78	
180.00			9.18	
181.00			2.09	
			EOH @ 181.97 m	

BOX LOG

HOLE: KL-11-26

BOX	FROM (m)	TO (m)
1	0.00	11.28
2	11.28	15.51
3	15.51	19.54
4	19.54	23.47
5	23.47	27.72
6	27.72	31.60
7	31.60	35.66
8	35.66	40.18
9	40.18	44.40
10	44.40	48.78
11	48.78	52.84
12	52.84	56.70
13	56.70	60.65
14	60.65	64.49
15	64.49	68.12
16	68.12	71.80
17	71.80	75.74
18	75.74	79.85
19	79.85	83.54
20	83.54	87.51
21	87.51	91.84
22	91.84	95.72
23	95.72	99.88
24	99.88	104.00
25	104.00	108.38
26	108.38	112.47
27	112.47	116.68
28	116.68	120.15
29	120.15	123.67
30	123.67	127.50
31	127.50	131.47
32	131.47	135.51
33	135.51	139.65
34	139.65	143.82
35	143.82	147.95

BOX	FROM (m)	TO (m)
36		152.07
20		156.46
38		160.41
39		165.66
40		168.41
41		172.40
42		176.64
43		180.75
44		181.97
EOH @ 181.97m		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382832.01	6890188.2	1369.105	260.91

SECTION:

HOLE: KL-11-27

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (260.91m / EOH)

Casing depth: 3.20 (m) in / **out**

Drilling dates: June 30 - July 04, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	169.77	37.1	-50.5	Ranger
47.85	37.7	-49.9	Ranger	200.25	38.1	-51.1	Ranger
108.81	37.2	-50.2	Ranger	230.73	39	-50.9	Ranger
139.29	37	-50.2	Ranger	261.21	41.1	-50.9	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.20	3.20	OVB	Overburden
3.20	72.28	69.08	GRD	Oxidized, weakly altered granodiorite.
72.28	97.33	25.05	GRD	Moderate to strongly altered granodiorite.
97.33	112.38	15.05	GRD	Phyllic altered granodiorite. Contains a high
				abundance of sulphide veins, stringer and breccia.
112.38	124.47	12.09	GRD	Phyllic altered GRD with alot of chalcedony veins.
124.47	128.81	4.34	POR	Tan grey quartz feldspar porphyry dyke.
128.81	133.86	5.05	GRD	Phyllic and Clay GRD with a lot of quartz veining.
133.86	143.82	9.96	POR	Tan grey quartz feldspar porphyry dyke.
143.82	145.85	2.03	GRD	Phyllic GRD with a lot of sulphide breccias and veins.
145.85	150.76	4.91	POR	Tan grey quartz feldspar porphyry dyke.
105.76	183.04	77.28	GRD	Phyllic altered granodiorite. Contains a high
				abundance of sulphide veins, stringer and breccia.
183.04	213.76	30.72	GRD	Altered GRD with sulphide veining and breccias.
213.76	246.25	32.49	GRD	Primarily Phyllic altered sulphide quartz veined GRD
246.25	260.91	14.66	GRD	Propylitic altered granodiorite.
260.91				EOH

SAMPLES

Numbers: K269594-K269747

Total: 152

Batch: DDH-11-27 B1-B5

Date Sent: B1 (08-02), B2 (08-04), B3-4 (08-06), B5 (08-09)

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-27

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.20	3.20				OVB																					Overburden
3.20	37.73	34.53				GRD	GY					f-s	lim	f-m	ST	55		1-2									Grey granodiorite with fair to strong oxidation and limonite staining along fracture surfaces. Black stringers are found through out the interval.
															ST	80		1-2									
			11.06	11.11	0.05	GRD	DKGN	EN					pro	i													Intense propylitic envelope surrounding a quartz sulphide veinlets.
															VT	70	0.5	1		w		s	t				
			11.42	12.86	1.44	GRD	GN	EN	s				pro	ms						t-f							Strong Phyllic envelope with patches of moderate strong propylitic alteration surrounding two parallel sulphide vein in the center of the interval.
												s			VN	75	2.0	1		s			80				
												s			VN	75	1.5	1		s		80					
			17.49	19.46	1.97	GRD	LTGN	EN	ms	w		s															Moderate Strong phyllic and weak clay envelope surrounding an intenselty oxidized quartz vein.
												i			VN	70	6.0	1									
												s															The top and bottom of the interval are capped with ~14cm of strong blavk white clay alteration.
			18.69	18.78	0.09	GRD	GY				s	s															Band of strongly silicified grey granodiorite.
			26.09	26.46	0.37	GRD	WHOR																				Strongly Clay altered and strongyl oxidized rubbly granodiorite.
			26.81	27.01	0.20	GRD	DKGN	EN					pro	m-s													Moderate to strong propylitic envelope surrounding two white carbonate veinlets.
															VT	75	0.6	1									
															VT	80	0.5	1									
			28.15	28.36	0.21	GRD	LTGN		s		s																Strongly silicified, Strongly phyllic light green granodiorite.
			28.51	28.69	0.18	GRD	GNYW	EN																			Moderatly strong green yellow phyllic envelope around a light yellow quartz veinlet.
			28.87	29.23	0.36	GRD	GNGY	EN	m		s		pro	m													Strongly Silicified, moderatly Phyllic and propylitic envelope containing four light tan quartz veinlets.
															VT	75	0.4	2									
															VT	75	0.1	2									
			29.23	30.07	0.84	GRD	GNGY	EN	f						VT	65	0.1	1									Abundance of quartz veinlets has caused many patches of fair phyllic alteration due to the alteration halos around the veinlets.
															VT	80	0.2	1									
															VT	75	0.1	2									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			31.27	31.82	0.55	GRD	GNYW	EN	ms	f			pro	w														Moderatly Strong Phyllic and Fair Clay envelope with small patches of weak propylitic alteration surrounding a net of tan quartz veinlets and a sulphide veinlet. Sulphide mineralization decraeses the farther you get from the veinlets.
								NT							VT												
															VT	87	0.4	1		ms	m	w	m				
			32.97	34.24	1.27	GRD	WHPU			w		f															Light Grey White and purple weakly clay altered granodiorite.
			34.27	36.03	1.76	GRD	GNGY		m	f		f	pro	w													Phyllic clay and propylitic altered granodiorite.
			35.34	35.35	0.01	VEN	GNGY								VT	50	0.3	1		s							Green grey quartz pyrite veinlet.
37.73	44.84	7.11				GRD	GYGN	VU				m								t-m							Grey Green Granodiorite. Granodiorite has a different texture then previously seen due to an increase in quartz content. The top half of the interval has an abundance of small vuggs.
			37.89	38.03	0.14	GRD	GYGN	NT							ST					w							Net texture of black sulphide stringers.
			39.25	39.26	0.01	VEN	BNBK								VT	65	0.3	1				90					Black Brown Sphalerite veinlet
			42.31	42.32	0.01	VEN	WHMT								VT	40	0.2	1		s							Quartz Pyrite Veinlt
			42.51	44.60	2.09	GRD	GNGY													t-m							Bleached Light Grey Green Granodiorite. Granodiorite has a different texture then previously seen due to an increase in quartz content.
45.84	56.03	10.19				GRD	GYGN		w			w-m	pro	w	ST	40		1-3									Weakly Phyllic and propylitic grey green granodiorite. Contains an abundance of black stringers.
			44.94	45.39	0.45	GRD	WHGN		m				pro	m													Moderat Clay and proplitic altered granodiorte
			46.60	46.64	0.04	GRD	DKGY																				Band of what appears to be ~90% disseminated tourmailine.
			48.06	48.07	0.01	VEN	WHOR								VT	70	0.4	1									White orange carbonate vein
			49.30	49.31	0.01	VEN	WHOR								VT	70	0.4	1									White orange carbonate vein
			51.23	52.00	0.77	GRD	GNGY			m		m	pro	m	VT	50	0.3	2									Moderatky clay ans propylitic altered granodiorite. Contains rwo quartz carbonate veinlets.
			53.46	54.26	0.80	GRD	WHGN			s		m	pro	f													Strongly Calay and Fairly Propylitically altered granodiorite.
			54.07	54.18	0.11	GRD	LTGN	EN	ms			m															Moderate strong phyllic envelope around a grey quartz carbonate veinlet.
56.03	72.28	16.25				GRD	LTGN		ms	ms		m	pro	w													Moderate strong phyllic with patches of clay and propylitic alteration
															VT	65	0.1	1									There are a few quartz veinlets throughout the interval.
			59.92	60.70	0.78	GRD	GYOR			i		s															Intensely Clay Altered and strongly oxidized granodiorite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	DETAILED DESCRIPTION
			60.70	62.62	1.92	GRD	GNOR		ms			s-i	pro	w						t-m							Moderate strong phyllic and weakly propylitic, strong to intensely oxidized granodiorite. With trace to moderate amounts of disseminated pyrite.
			62.62	63.07	0.45	GRD	GYOR					s	ser	s-i													Strong to intensely seritized granodioirte containing moderate to intense amounts of disseminated pyrite
			63.07	63.34	0.27	GRD	GYOR		ms			s-i	pro	w						t-m							Moderate strong phyllic and weakly propylitic, strong to intensely oxidized granodiorite. With trace to moderate amounts of disseminated pyrite.
			63.34	63.75	0.41	GRD	GYOR			s		i	pro	m													Strong Clay and Moderatly propylitc altered intensely oxidized granodioirte.
			63.75	66.55	2.80	GRD	GYGN		ms	s		m	pro	m-s						t-w							Moderatly propylitic and phyllic altered granodiorite with patches of strong propylitic and clay altereation. Contains trace to weak amounts of disseminated pyrite.
			65.55	70.32	4.77	GRD	LTGY			m-s			pro	m						t-f							Moderate Strong clay altered, moderatly phyllic light grey green granodioirte. Contains trace to fair amounts of disseminated pyrite.
			70.21	70.32	0.11	GRD	GY			i																	Band of intensely clay altered granodiorite with sharp contacts. Band is ~4cm thick and priented at ~40° tca.
			72.95	73.49	0.54	GRD	RDWH			s			hem	s-i													Strongly Clay Altered, Strong to intesely hematitie stained granodioirte.
			73.49	74.05	0.56	GRD	WHGN						pro	s-i													Strong to intensely propylitic altered granodioirte.
															VN	20	1.3	1									In the center of the interval is a large white calcite bleb ~5cm across with an abundance of calcite veinlets and stringers branching off in all directions. The bleb I slocated at the end of a large calcite vein.
			74.05	75.58	1.53	GRD	DKGN			s			pro	i													Intensely propylitic and strongly clay altered rubbly granodioirte.
			75.87	75.90	0.03	VEN	DKGY								VN	75	3.0	1		t-w			t				Dark Grey Breccia Vein
			75.96	76.03	0.07	VEN	GYWH								VN	65	1.5	1									Three parallel quartz calcite veins.
															VN	65	1.2	1									
															VN	65	1.5	1									
			76.98	77.28	0.30	GRD	DKGN			s			pro	s													Intensely propylitic and Strongly Clay altered granodiorite.
77.28	79.93	2.65				GRD	DKGN		m				pro	s													Strongly Propylitic and moderatly phyllic granodiorite.
			77.80	78.53	0.73	GRD	DKGN			m			pro	s													Strongly Propylitic and moderatly clay altered rubbley granodiorite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
79.93	97.33	17.40				GRD	DKGN		m				pro	m						n-f							Moderatly Phyllic and propylitic altered dark green granodiorite. The interval contains a few calcite veinlets.
															VT	25	0.3	0-1									
															VT	55	0.1	0-1									
			81.70	82.18	0.48	GRD	DKGN		m				pro	m													Strong to intensely clay altered, moderate phyllic and propylitic granodiorite.
			84.69	85.77	1.08	GRD	WHGN		m	s-i			pro	m													Alternating patches of moderate phyllic and propylitic alteration and strong clay alteration.
			87.57	89.12	1.55	GRD	WHGN		ms	ms			pro	s-i													Alterating patches of strong clay, strong to intense propylitic and moderate strong phyllic alteration.
			89.12	89.76	0.64	GRD	GNYW		m	m																	Moderatly Phyllic and Clay altered yellow green granodioirte, with two quartz pyrite stringers at the start of the interval.
															ST	50		1		s							
															ST	80		1		s							
			89.76	90.00	0.24	VEN	GY				s				VN	40	14.0	1		i		ms	ms				Grey and dark grey smokey quartz vein. Contains a few patches of granodiorite that have been strongly silicified. Tan/orange quartz veining intruded grey/darkgrey vein and has bracciated it in places. Sulphide mineralization throughout vein.
			90.36	90.60	0.24	GRD	LTGN		m	ms																	Moderatly clay and phyllic altered granodiorite
			92.35	94.81	2.46	GRD	GNGY		ms	ms			pro	s						n-m							Alternation patches of dark green strong propylitic alteration, green moderate strong alteration and white gr ey moderate strong clay alteration
															VT	45	0.2	1									Contains a few quarts veinlets.
			93.56	93.58	0.02	VEN	ORMT								VN	50	2.0	1		s		35	i				Light orange quartz sulphide vein.
			96.62	97.33	0.71	GRD	DKGN			s			pro	s						t-f							Dark green strongly propylitic granodiorite with strong clay alteration for the last 20cm.
97.33	112.38	15.05				GRD	GN		m-s											t-m							Moderate Strong phyllic altered granodiorite
															VT	55	0.2	1-3									Contains an abundance of light orange veinlets. Their size and frequency increase as you progress deeper in the interval.
															VT	80	0.2	1-2									
															VN												
															ST	80		1		m-i							Contains multiple quartz pyrite stringers.
			97.77	97.79	0.02	VEN	BKMT													s		ms	s				Quarts Sulphide veinlet.
			101.28	102.50	1.22	BXA	BKGN	VU												w-30	n-w	n-w	n-w				Black Vuggy Sulphide Breccia with a few patches of strongly phyllic altered granodiorite.
			101.35	101.43	0.08	VEN	BKMT	MA							VN	80	7.0	1		i	i	40	30				Massive Sulphide Vein
			101.51	101.56	0.05	VEN	BKMT	MA							VN	80	5.0	1		ms	i	i	60				Massive Sulphide Vein
			102.40	102.42	0.02	VEN	MT								VN	80	1.0	1		i	i	40	m				Sulphide vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			102.50	102.81	0.31	GRD	GYGN		s		s									w			t				Strongly silicified strongly phyllic granodiorite. Light orange chalcedony veinlets branching off in all directions.
			102.81	103.00	0.19	BXA	BK				i								w							Black sulphide breccia. Intesely silicified granodioirte and quartz veins have been brecciated. Weak amounts of disseminated pyrite.
			103.00	103.22	0.22	VEN	GYMT								VN	80	22.0	1		i	i	i	w				Grey quartz sulphide vein
			103.51	103.54	0.03	GRD	GY				i									ms		m					Zone of intensely silicified granodiorite with sulphide mineralization.
			104.71	104.75	0.04	VEN	LYOR								VN	65	3.0	1									Light orange chalcedony vein
			105.54	105.57	0.03	VEN	WHOR								VN	80	1.0	1		w			f				Light orange chalcedony and white calcite vein with fair amounts of galena blebs and weak amounts of disseminated pyrite.
			105.64	107.04	1.40	GRD	DKGN						pro	s-i													Strong to intsensely propylitic altered dark green grandoirite.
															ST	70		4									Conatains multiple orange quartz stringers.
			107.40	107.42	0.02	VEN	GY								VN	70	1.0	1									Grey quartz vein.
			107.43	108.30	0.87	GRD	DKGN		ms				pro	s-i													Strong to intsensely propylitic grandoirite with a high abundance of quartz veinlets and stringers with small moderate strong phyllic envelopes.
															VT	65	0.1	5									
															ST	65		4									
			111.52	111.58	0.06	VEN	GYMT								VN	65	6.0	1		s	i	s	s				Sulphide vein incorperating white/grey clay altered granodiorite.
			111.58	111.75	0.17	GRD	GYOR				s									w							Sdtrongly silicified granodiorite containing an orange moderatly hard mineral, possibly ankerite.
			111.75	112.25	0.50	BXA	DKGY			s-i										w-ms							Strong to intensely clay altered dark grey breccia. Containg weak to moderate strong amounts of disseminated pyrite.
112.38	114.33	1.95				GRD	GNBK	VU	s-i											w-m	w-i	t-w	t-w				Strong to intensely phyllic granodiorite iwth a high abundance of large chalcedony veins, quartz/ sulphide veins and breccias. The middle of the interval in vuggy.
															VN	60	1-4	4									
			112.75	113.00	0.25	GRD	DKGY	VU			i									m							Intensely silicified vuggy dark grey granodiorite with moderate amounts of pisseminated pyrite.
			113.67	113.75	0.08	BXA	BK	DI												s							Black breccia with silicified clasts and strong amounts of disseminated pyrite.
								VU							VN	80	1.1	1									
			113.92	114.15	0.23	GRD	GYWH			ms										m	m						Moderate strong clay altered white grey granodiorite with and abundance of quartz sulphide veinlets.
															VT	70	0.3	4		w-ms	m-i						

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															VN	70	1.8	1			70	m					Quartz and arsenopyrite, sphalerite vein at the end of the interval.
			114.30	114.32	0.02	VEN	GYMT								VT	80	0.3	3			85						Three parallel quartz and arsenopyrite veins
114.33	120.48	6.15				GRD	GN		m-s											n-w							Moderate to strong phylklic alterd granodioirte
															VN	40	1.1	0-1									Abundance of light orange chalcedony veins and veinlets throughout the interval.
															VT	40	0.2	1-2									
															VN	70	1.6	0-3									
			117.41	117.69	0.28	GRD	GYGN		ms		ms									m			w				Half of the interval is moderate strong slicified granodiorite. The other half is is phyllic altered granodiorite. The contact between the two runs leghtwise down teh middle of the interval.
															ST			8		m-i		40					Contains short sphalerite, pyrite and quartz stringers taht are oriented in all directions.
															VN	80	2.5	1		ms		m	m				Light orange chalcedony and grey quartz vein at the bottom fo the interval containing blebs of pyrite, galena and sphalerite.
120.48	124.47	3.99				GRD	GNOR		m																		Moderatly phyllic granodiorite containing an abundance of a soft orange mineral.
			121.19	122.15	0.96	GRD	GY			m-i										w							Intesenly clay altered moderatly phyllic granodiorite.
			123.18	123.19	0.01	VEN	WTMT								VT	85	0.4	1		45							Quartz pyrite veinlet
			123.30	123.36	0.06	GRD	GYBL	EN			ms									f							Grey blue moderatly silicified granodiorite envelope around a light orange chalcedony vein. Contains fair amounts of disseminated pyrite.
															VN	65	1.0	1									
124.47	128.81	4.34				POR	TNGY			m-i																	tan grey quartz feldspar porphyry dyke. Top of interval is moderate to intensely clay alterat and broken up.
			126.80	127.00	0.20	POR	PU																				Pyrple altered quartz feldspar porphyry dyke.
			128.77	128.78	0.01	VEN	WH								VN	90	1.0	1									White calcite vein.
128.81	133.16	4.35				GRD	GNGY		ms	ms			pro	t-f													Moderate strong phyllic altered granodioirte with trace to fair amounts of propylitic alteratiom with patches of moderate to strong clay alteratio.
															ST	50		6									Contains an abundance of quartz carbonate veinlets and stringers.
															ST	80		6									
															VT	40	0.2	1									
			128.87	128.89	0.02	VEN	DKGY	BX							VN	65	2.0	1									Dark grey quartz vein that has brecciated the host rock.
			129.00	129.11	0.11	GRD	GYTN	EN			ms									s		w	t				Moderate strong slicicified granodioite around a few tan grey quartz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			130.05	130.37	0.32	GRD	GYTH				s-i									m							Strong to intensely silicified granodiorite with an abundance of quartz pyrite veins and veinlets.
															VN	40	1.2	4		m-s							
															VT	60	0.2	4		m-s							
															ST	55		10									Contains a lot of tan quartz carbonate stringers
			130.96	131.19	0.23	POR	GYGN			f																	Fairly clay altered quartz feldspar porphyry dyke
			132.06	132.12	0.06	BXA	BK								VN	70	6.0	1		m							Black Sulphide Breccia Vein
133.16	143.82	10.66				POR	GYTN			n-s																	Grey tan quartz feldspar prophyry dyke with none to strong clay alteration.
143.82	145.28	1.46				GRD	GNGY		ms		m									f							Moderatly silicified, moderate strong phyllic green grey orange granodioirite. The orange throughout the interval that appears to be ankerite. Contains fair amounts of disseminated pyrite.
			144.20	144.23	0.03	BXA	GNGY			m																	Moderatly clay altered grey green breccia
			144.39	144.63	0.24	VEN	MT								VN	60	24.0	1	100	75	f	i	f				Large sulphide vein.
			144.63	144.68	0.05	BXA	BKGY													m-ms							Black grey sulphide breccia
			144.68	144.84	0.16	VEN	MT												85	60	w-f	i	ms				Large sulphide vein containing grey and tan quartz.
			144.93	145.03	0.10	VEN	MT												100	70	ms	s	s				Large Sulphide Vein.
			145.03	145.04	0.01	BXA	BK	BX							VN	75	1.1	1		w							Black Breccia vein
			145.09	145.16	0.07	BXA	BK	BX							VN	75	45.0	1		w			i				Black Breccia vein with intense amounts of galena.
			145.24	145.27	0.03	BXA	BK	BX							VN	60	2.0	1		t							Black Breccia Vein
145.28	150.76	5.48				POR	TNGY			w-s																	Weak to strong clay altered tan grey quartz feldspar porphyry dyke.
			145.97	146.05		BXA	GYGN			s																	Strongly clay altered grey green breccia
			149.71	149.82		BAX	GY			s																	Patch of strongly clay altered breccia
																				n-t							
150.76	162.80	12.04				GRD	GNGY		s	s			pro	t-n													Strong Phyllic altered green hrey orange brown granodiioirte. Contains trace to moderate amounts of of propylitic alteration and patches of strong clay alteration.
															VT	65	0.1	0-2								A few light orange quartz veinlets and veins throughout the interval.
															VN	60	1.0	0-1								
			151.50	151.52	0.02	BXA	BK								VN	60	1.1	1		w							Black sulphide vein with weak amounts of disseminated pyrite.
			156.01	156.02	0.01	VEN	DKGY								VT	75	0.8	1		s		m	w				Quartz sulphide veinlet.
			156.40	156.72	0.32	BXA	BK			m										s							Black sulphide breccia
			157.43	157.59	0.16	VEN	GYMT								VN	75	16.0	1		60	f	s	w				Large quartz sulphide vein
															VT	80	0.8	1									Sulphide vein has been cross cut by a light orange quartz vein at the start of the interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			159.70	160.32	0.62	BXA	GY			s-i																	Strong to intence clay altered grey breccia with weak to intense amounts of disseminated pyrite.
162.80	183.04	20.24				GRD	GNYW		w-n	w-s																	Weak to moderate phyllic and clay altered granodiortite with an abundance of quarts pyrite stringers. Clay alteration increases in the last 5m of the interval.
															ST	70		6		50-80							
															ST	85		6		50-81							
			163.03	163.08	0.05	BXA	BK			s					VN	85	4.0	1		f			m				Strongly clay altered black sulphide breccia.
			163.19	163.27	0.08	BXA	GY			s-i										m			w				Strong to intense clay altered grey breccia
			163.50	163.53	0.03	BXA	DKGY								VN	70	2.0	1		w							Dark Grey weak sulphide breccia vein
			164.95	164.97	0.02	BXA	DKGY								VN	60	2.0	1		w							Dark Grey weak sulphide breccia vein
			164.06	164.08	0.02	VEN	GYMT								VT	40	0.4	1									Dark Grey quartz pyrite vein
			165.37	165.39	0.02	VEN	GYMT								VT	85	0.7	1		s			s				Quartz pyrite galena veinlet.
			166.79	167.28	0.49	BXA	BK														ms	w					Black Sulphide Breccia.
			168.24	168.34	0.10	BXA	BK													t							Patch of black breccia with trace amounts of disseminated pyrite.
			168.59	169.76	1.17	BXA	BK								VN	5	###	1		t							Long low angle breccia vein.
			169.76	169.80	0.04	VEN	GYMT	BL							VN	85	4.0	1		60							Vein of dark grey blue quartz and pyrite blebs
			169.80	169.82	0.02	VEN	LTOR	BX							VN	90	2.0	1		w							Light orange quartz vein that has brecciated the host rock. Clasts contain weak amounts of disseminated pyrite.
			169.82	169.91	0.09	GRD	GYBL				s									s							Strongly silicified blue grey granodioirite. Contains small amounts of disseminated pyrite.
			169.91	170.01	0.10	VEN	GYMT												70	30		30	2				Quartz sulphide vein contains blebs of pyrite, galena, and sphalerite as well as massive sphalerite.
			170.64	170.67	0.03	VEN	WTMT								VT			1		70							White quartz veinlet with pyrite blebs in and around it.
			171.09	173.33	2.24	GRD	ORGN		m											t-m							Moderatly Phyllic altered granodioirte containing a high abundance fo a soft orange mineral that makes up ~85% of the granodioiret in some patches.
			172.74	173.76	1.02	VEN	WTRD								VT	30	0.4	1									Red hematite and white quartz carbonate veinlet
			174.20	174.21	0.01	VEN	MTGY								VT	80	0.3	1		60		w	w				Quartz sulphide veinlet.
			174.26	174.27	0.01	VEN	TNGY								VT	80	0.3	1		m		ms					Tan grey quartz sulphide veinlet.
			175.46	175.54	0.08	BXA	BK								VN	60	8.0	1		w							Black breccia with weak amounts of disseminated pyrite.
			176.39	176.68	0.29	VEN	BK	BX							VN	4	1.0	1		w							Long low angle black breccia vein
			176.87	176.90	0.03	BXA	BK								VN	50	1.5	1		t							Black breccia vein
			177.12	177.26	0.14	BXA	BK													t							Patch of black breccia.
			177.81	177.89	0.08	MAF	MDGY								DK	75	8.0	1		t-w							Possibly a fine grained medium grey mafic dyke.
			178.37	178.42	0.05	BXA	BK								VN	60	4.0	1		w							Black breccia vein
			178.61	178.77	0.16	BXA	GY			i																	Intensely clay altered grey breccia
			178.77	179.04	0.27	GRD	GY			s	s									w-m							Strongly clay altered silicified granodiorite.
			179.15	179.36	0.21	GRD	GY			s	s									w							Strongly clay altered silicified granodiorite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			181.23	181.30	0.07	BXA	BKGY								VN	60	7.0	1		s	s	ms					Weakly clay altered black breccia vein. Contains blebs of pyrite, arsenopyrite and sphalerite.
			181.57	181.58	0.01	VEN	MT								VT	70	0.4	1	100								Pyrite veinlet.
183.04	186.90	3.86				GRD	GNGY						pro	f-s													Fair to strongly propylitic dark green/grey granodiorite.
															ST	60		###		60-80							Has an abundance of pyrite stringers and a few quartz pyrite stringers.
															VT	60	0.2	1		m-i							
186.90	201.44	14.54				GRD	GNOR		ms				pro	w-m													Green, Orange, Yellow moderate strong phyllic altered granodiorite with patches of week to moderate phyllic alteration.
															VT	65	0.2	###		m-60							Contains an abundance of quartz pyrite veinlets throughout the interval.
			187.17	187.34	0.17	GRD	BLGY	EN			ms									ms							Moderately strong blue grey silicified envelope around a quartz vein with large pyrite blebs.
															VN	80	2.5	1		50			w				
			189.54	189.93	0.39	BXA	BK								VN	25	###	1		w							Long low angle breccia vein.
			189.93	190.40	0.47	GRD	GYGN		s	s																	Strongly phyllic and clay alterde granodiorite.
			190.40	190.73	0.33	BXA	BK													t-f							Black breccia with trace to fair amounts of pyrite.
			190.73	191.00	0.27	GRD	OR																				Intensely orange altered granodiorite
			191.50	191.52	0.02	VEN	GYMT								VN	60	1.0	1		50							Quartz vein containing large pyrite blebs.
			191.64	192.53	0.89	GRD	GNRD		s				hem	s													Phyllic and hematite altered granodioirte
			192.63	192.68	0.05	VEN	GYMT								VN	40	2.0	1		m	w	w	f				Quartz sulphide vein.
			193.20	194.54	1.34	GRD	YWGY		w	m																	Modertly clay altered and weakly phyillic granodioirite.
			194.56	194.57	0.01	VEN	MT								VT	70	0.3	1	100	100							Pyrite veinlet
			194.59	196.45	1.86	GRD	GNGY			ms			pro	s													Moderate strong clay and propylitic altered granodiorite.
			196.45	197.60	1.15	GRD	GY			s-i																	Strong to intensely clay altered granodioirte
			198.76	198.78	0.02	VEN	OR								VT	70	0.2	2		f							Two parallel orange quartz veinlets with fair amounts of disseminated pyrite.
201.44	206.04	4.60				GRD	GNPU						pro	m-s													Moderate to strong propylitic altered green purple granodioirte.
			202.82	203.44	0.62	GRD	GYGN			s																	Strongly clay altered granodiorite.
			203.78	204.01	0.23	MAF	DKGY																				Large mafic zenolith.
206.04	208.80	2.76				GRD	GNGY			ms			pro	m-s													Moderate strong clay altered granodioirte with patches of moderate to strong propylitic alteration. Propylitic alteration is most abundant at the start of theinterval.
															ST	50		2-4									Contains a few dark grey quartz/pyrite or white carbonate stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
208.80	211.31	2.51				POR	GNGY			m																	Grey green quartz feldspar porphyry dyke with small areas of moderate clay alteration.
211.31	213.76	2.45				GRD	GNOR		m	m																	Moderatly phyllic and clay altered granodioirte
															VT	n/a	0.2	2-3									Contains multiple randomly oriented light orange quartz veinlets.
			211.80	211.83	0.03	BXA	BK								VN	60	1.5	1		t							Balck breccia vein with trace amounts of disseminated pyrite.
			211.85	211.90	0.05	BXA	BK								VT	60	2-0.7	1		t							Balck breccia veinlet with trace amounts of disseminated pyrite.
			211.99	212.03	0.04	BXA	BK								VN	50	4.0	1		t							Black breccia vein with trace amounts of disseminated pyrite.
			212.10	212.62	0.52	BXA	GYOR	BL												ms	ms	f	f				Grey orange white breccia with large white clay clasts. G rey clasts are quartz containing blebs of pyrite. Contains an abundance of orange blebs possibly ankerite throughout the interval. Has an abundance of small and large blebs of pyrite, arsenopyrite, galena and spalerite.
			212.62	212.64	0.02	VEN	GYMT								VN	65	2.0	1		w-f	50						Grey blue quartz and arsenopyrite vein with weak to fair amounts of small pyrite blebs.
			212.69	212.73	0.04	BXA	DKGY								VN	60	2.0	1		f-m							Dark grey breccia with an abundance of green orange clasts. Contains fair to moderate amounts of disseminated pyrite.
			212.82	213.34	0.52	BXA	GYOR	BL												f	f		t				Green, Orange, White abd grey breccia containing blebs and disseminated pyrite and arsenopyrite.
			213.41	213.43	0.02	BXA	BKGN								VN	75	2.0	1		w	w						Black breccia with green orange clast and weak amounts of disseminated pyrite and arseon pyrite.
			213.51	213.62	0.11	VEN	WH	BX							VN	70	1.5	1									Milky white quartz veinbing has brecciated the host rock.
213.76	######	######				GRD	WHGN			f-ms			pro	f-m													Alterbnating patches of fair to moderate propyllitic and clay altered granodioirte.
215.87	218.25	2.38				GRD	GNYW		ms				pro	ms													Phyllic altered yellow green granodioitite with small and large patches of dark green propylitic alteration.
			216.94	216.96	0.02	VEN	GYWH	BL							VN	80	1.1	1		ms							Grey and white quartz vein with moderate strong amounts oif pyrite blebs.
			217.02	217.03	0.01	VEN	WHGY	VU							VN	80	0.9	1									Vuggy grey quartz and white calcite vein,
			217.62	217.63	0.01	VEN	WH								VT	45	0.7	1									White calcite veinlet.
			218.05	218.15	0.10	GRD	WHGY	BX																			Intensely clay altered granodioirite. Ressembles a breccia with a white grey clay matrix and grey pink clasts.
			218.19	218.23	0.04	VEN	GYBN								VN	5	3.0	1									Smokey quartz vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
218.25	219.84	1.59				GRD	GNWH			ms			pro	s													Alternating patches oif strong propylitic and moderate strong clay alteration.
219.84	220.92	1.08				GRD	GYYW		f	f					VT	80	0.5	3									Fairly phyllic and clay altered granodiorite containing a few light orange quartz veinlets.
			220.32	220.33	0.01	VEN	WH								VN	80	1.0	1									White calcite vein.
			220.81	220.84	0.03	VEN	WHOR								VN	80	2.5	1									Intermixed grey, light orange quartz and white calcite vein.
220.92	227.71	6.79				GRD	YWWH		n-w	ms										n-w							Moderate strong amounts of clay altered granodiorite with none to weak phyllic alteration. The lower third of the interval contains multiple low angle quartz pyrite veinlets. They occure in the phyllic altered zones.
															VT	10	0.4	0-1		s							
															VT	20	0.1	0-3		f							
															VN	20	0.7-1	0-1		f							
			221.25	221.84	0.59	GRD	GYGN				s		pro	m													Strongly silicified moderatly propylitic granodioirte with fair pottassic overprint.
													pot	f													
															VT	60	0.1	2		90							Contains two quartz pyrite veinlets
			222.70	223.77	1.07	GRD	GYGN				s		pro	m													Strongly silicified moderatly propylitic granodioirte with fair pottassic overprint.
													pot	f													
			224.37	224.38	0.01	VEN	DKGY								VT	60	0.5	1									Dark grey quartz vein with trace amounts of disseminated pyrite.
			226.48	226.52	0.04	VEN	GYBL								VN	30	4.0	1		t							Large low angle blue grey quartz vein.
227.71	231.12	3.41				GRD	GNYW			ms			pro	m						w							Alternating patches of white yellow moderate strong clay alteration and moderate grey green propylitic alteration.
															VT	85	0.1	1									Has quartz veinlets throughout the interval.
															VT	70	0.1	2									
			228.64	229.10	0.46	VEN	GY								VN	20	1.1	1		w-m							Long low anlge grey quartz vein
															ST	80		4		s-80							Vein is cross cut by four low anlge quartz pyrite stringers.
231.12	235.75	4.63				GRD	PUGN						pro	f													Fairly propylitic and potassic altered granodiorite.
													pot	f													
															ST	80		4-6		50-90							Contains an abundance of pyrite stringers.
			232.39	232.65	0.26	GRD	GNYW	EN	s				pro	s	VN	80	1.0	2									Strong phyllic and propyllitic envelope around a grey white quartz vein.
			234.68	234.70	0.02	VEN	MT								VT	60	0.1	1		70-100							Three parallel pyrite veinlets.
			235.03	235.06	0.03	VEN	GYMT								VT	60	0.1	0		60							Two quartz pyrite veinlets.
															VT	50	0.2-0	1		70							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			235.33	235.52	0.19	GRD	GN	EN	ms				pro	ms														Moderate phyllic and propyllitic envelope around a grey quartz veinlte with pyrite blebs.
								BL							VT	70	0.6	1		w							
235.75	238.66	2.91				GRD	GYGN			ms			pro	ms													Moderate strong propylitic and potassic and clay altered granodiorite.
			236.12	236.82	0.70	GRD	GN	EN					pot	ms													Strong phyllic and moderate propylitic envelope around a blue grey quartz vein with an abundance of pyrite blebs.
								BL					pro	m	VN	80	2.5	1		35							
238.66	246.57	7.91				GRD	GYGN		w				pro	m						t-m							Weakly phyllic and moderatly propylitic granodiorite containing trace to moderate amounts of disseminated pyrite.
															ST	72		1-2		100							Contains pyrite stringer throughout the interval.
															ST	60		1		100							
			239.66	240.68	1.02	GRD	GNYW	EN	ms	f			pro	f													Moderate strong phyllic envelope with patches of fair amounts of propylitic and clay altered granodiorite.
								BL							VN	60	###	1		i							Envelope surrounds a grey/white quartz vein with pyrite blebs.
															VT	80	0.2	1		n-s							Envelope also contains multiple quartz veinlets.
			240.68	241.10	0.42	GRD	GNGY				i									f							Intensely silicified green grey granodiorite with fair amounts of disseminated pyrite.
			241.10	241.97	0.87	GRD	GNGY		m				pro	m													Moderatly phyllic and propylitic altered green grey granodiorite.
								EN		ms					ST	45		5-7									Contains an abundance of quartz stringers with tiny moderate string clay envelopes.
			241.82	241.83	0.01	GRD	GYMT								VT	85	0.5	1		s		s					Grey quartz sulphide vein. Blebs of pyrite and sphalerite.
			241.97	242.35	0.38	GRD	WHGY	EN		ms																	White green moderate strong clay envelope surrounding two parallel dark grey quartz pyrite veinlets.
															VT	80	0.3	2		40-70							
246.57	260.91	14.34				GRD	GYPU						pro	w													Grey purple weakly propylitic granodiorite.
															ST	65		2-5									Contains and abundance of black stringer throughout the interval.
			250.77	251.47	0.70	GRD	GN	EN	s				pro	w													Strong phyllic envelope with small patches of weak propylitic alteration around a intermixed white, dark grey and tan quartz vein containing small blebs of pyrite galena and sphalerite.
															VN	60	4.5	1		ms		f	w				
			250.82	250.87	0.05	GRD	DKGN	EN					pro	s													Strong propylitic envelope around a quartz sulphide veinlet.
															VT	70	0.3	1		70		i					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			253.75	253.76	0.01	VEN	GYMT	BL							VT	65	0.1	1		40							Grey quartz veinlet that bulges in places due to large pyrite blebs.
			254.87	255.11	0.24	GRD	GN								VT	80	0.4	2									Moderatly phyllic and clay altered granodiorite with two interconected veinlets that are connected by low angle quartz veinlets.
															VT	10	0.1	4									
			260.85	260.86	0.01	VEN	LTRD								VT	75	0.7	1									Fine grained light red vein?
260.91	EOH																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-27

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	1.83	1.83	1.53	84	0.00	0	W	SW		
1.83	3.66	1.83	2.22	121	0.10	5	MS	SW		
3.66	5.18	1.52	1.41	93	0.17	11	MS	SW		
5.18	6.40	1.22	1.23	101	0.40	33	S	SW		
6.40	7.97	1.57	1.45	92	0.71	45	S	SW		
7.97	10.97	3.00	2.98	99	1.62	54	VS	SW		
10.97	14.02	3.05	3.07	101	0.85	28	S	SW		
14.02	17.07	3.05	3.09	101	0.53	17	MS	SW		
17.07	20.12	3.05	3.06	100	1.68	55	M	SW		
20.12	23.16	3.04	3.06	101	1.59	52	MS	SW		
23.16	26.21	3.05	3.10	102	1.29	42	S	SW		
26.21	29.26	3.05	2.97	97	1.20	39	MS	SW		
29.26	32.31	3.05	3.06	100	1.54	50	M	SW		
32.31	35.36	3.05	3.04	100	1.62	53	VS	SW		
35.36	38.40	3.04	3.03	100	1.63	54	VS	SW		
38.40	41.45	3.05	3.04	100	1.62	53	VS	SW		
41.45	44.50	3.05	3.12	102	1.39	46	S	SW		
44.50	47.55	3.05	3.02	99	2.05	67	VS	SW		
47.55	50.60	3.05	2.98	98	2.37	78	VS	SW		
50.60	53.64	3.04	2.90	95	2.15	71	MS	SW		
53.64	56.69	3.05	3.04	100	1.90	62	MS	SW		
56.69	59.74	3.05	3.01	99	2.20	72	MS	SW		
59.74	62.17	2.43	2.40	99	0.75	31	S	SW		
62.17	64.92	2.75	2.68	97	0.67	24	S	SW		
64.92	67.97	3.05	2.84	93	0.69	23	MS	SW		
67.97	71.17	3.20	3.06	96	0.54	17	MS	SW		
71.17	74.37	3.20	2.93	92	1.62	51	MS	SW		
74.37	77.41	3.04	3.12	103	1.19	39	S	SW		
77.41	80.46	3.05	3.09	101	1.56	51	S	FR		
80.46	83.82	3.36	2.85	85	1.36	40	MS	FR		
83.82	86.87	3.05	2.87	94	1.15	38	S	FR		
86.87	89.92	3.05	2.72	89	0.70	23	S	FR		
89.92	92.35	2.43	2.13	88	0.53	22	S	FR		
92.35	93.27	0.92	1.05	114	0.48	52	S	FR		
93.27	96.32	3.05	3.06	100	0.39	13	M	FR		
96.32	98.76	2.44	2.70	111	1.20	49	M	FR		
98.76	99.30	0.54	0.56	104	0.14	26	M	FR		
99.30	102.41	3.11	3.14	101	0.82	26	M	FR		
102.41	105.46	3.05	3.15	103	1.10	36	M	FR		
105.46	108.51	3.05	2.99	98	1.82	60	S	FR		
108.51	111.56	3.05	3.10	102	1.60	52	MS	FR		
111.56	114.60	3.04	3.13	103	0.43	14	MS	FR		
114.60	117.65	3.05	2.98	98	1.35	44	M	FR		
117.65	120.70	3.05	3.10	102	1.01	33	W	FR		
120.70	123.75	3.05	3.12	102	0.83	27	MW	FR		
123.75	126.80	3.05	2.95	97	0.46	15	MS	FR		
126.80	129.84	3.04	3.22	106	1.44	47	S	FR		
129.84	132.89	3.05	2.98	98	1.40	46	MW	FR		
132.89	135.94	3.05	2.89	95	1.87	61	MW	FR		
135.94	138.99	3.05	2.75	90	1.66	54	W	FR		
138.99	142.04	3.05	2.94	96	1.18	39	MW	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
142.04	145.08	3.04	2.00	66	1.40	46	MW	FR		
145.08	148.33	3.25	2.98	92	1.45	45	MW	FR		
148.33	151.18	2.85	1.75	61	1.27	45	MS	FR		
151.18	154.23	3.05	3.07	101	1.78	58	M	FR		
154.23	157.28	3.05	3.08	101	1.30	43	M	FR		
157.28	160.37	3.09	2.91	94	1.03	33	M	FR		
160.37	163.37	3.00	3.04	101	0.68	23	M	FR		
163.37	166.42	3.05	2.84	93	1.41	46	MS	FR		
166.42	169.47	3.05	2.95	97	1.33	44	MS	FR		
169.47	172.52	3.05	3.06	100	1.90	62	MS	FR		
172.52	175.56	3.04	2.91	96	1.57	52	S	FR		
175.56	178.61	3.05	3.05	100	1.48	49	VS	FR		
178.61	181.66	3.05	3.03	99	1.03	34	S	FR		
181.66	184.71	3.05	2.97	97	0.98	32	S	FR		
184.71	187.76	3.05	3.02	99	1.44	47	S	FR		
187.76	190.80	3.04	2.78	91	1.54	51	S	FR		
190.80	193.85	3.05	3.09	101	1.93	63	S	FR		
193.85	196.90	3.05	2.98	98	1.78	58	MS	FR		
196.90	199.95	3.05	2.96	97	1.73	57	MS	FR		
199.95	203.00	3.05	3.02	99	0.99	32	S	FR		
203.00	206.04	3.04	3.00	99	0.50	16	MS	FR		
206.04	209.09	3.05	3.08	101	1.09	36	S	FR		
209.09	212.14	3.05	3.06	100	0.70	23	MS	FR		
212.14	215.19	3.05	2.89	95	1.63	53	S	FR		
215.19	218.28	3.09	3.18	103	2.62	85	MS	FR		
218.28	221.28	3.00	3.03	101	2.16	72	MS	FR		
221.28	224.33	3.05	3.04	100	2.36	77	MS	FR		
224.33	227.38	3.05	3.11	102	1.96	64	S	FR		
227.38	230.42	3.04	2.85	94	1.81	60	S	FR		
230.42	233.48	3.06	3.05	100	1.96	64	MS	FR		
233.48	236.52	3.04	2.65	87	1.55	51	MS	FR		
236.52	239.60	3.08	3.08	100	1.67	54	MS	FR		
239.60	242.62	3.02	3.05	101	2.07	69	MS	FR		
242.62	245.57	2.95	2.82	96	1.85	63	S	FR		
245.57	248.72	3.15	3.08	98	0.60	19	MS	FR		
248.72	251.76	3.04	3.08	101	1.45	48	S	FR		
251.76	254.81	3.05	3.07	101	0.30	10	MS	FR		
254.81	257.87	3.06	3.02	99	0.80	26	S	FR		
257.87	260.91	3.04	3.10	102	1.14	37	MS	FR		
										EOH @ 260.91m
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

SAMPLE LOG

HOLE: KL-11-27

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
3.20	6.00	2.80	2.68	96	K269594	1					
6.00	9.00	3.00	2.95	98	K269595	1					
9.00	11.42	2.42	2.40	99	K269596	1					
11.42	12.86	1.44	1.42	99	K269597	1					
12.86	15.00	2.14	2.20	103	K269598	1					
15.00	17.49	2.49	2.54	102	K269599	1					
					K269600	1					Duplicate
17.49	19.75	2.26	2.31	102	K269601	1					
19.75	22.00	2.25	2.27	101	K269602	1					
					K269603	1					Standard CDN-ME-16
22.00	25	3.00	3.00	100	K269604	1					
25.00	26.46	1.46	1.50	103	K269605	1					
26.46	28.05	1.59	1.57	99	K269606	1					
28.05	30.07	2.02	1.99	99	K269607	1					
30.07	31.27	1.20	1.21	101	K269608	1					
31.27	31.82	0.55	0.52	95	K269609	1					
					K269610	1					Blank
31.82	34.84	3.02	3.01	100	K269611	1					
34.84	36.03	1.19	1.19	100	K269612	1					
36.03	37.73	1.70	1.65	97	K269613	1					
37.73	40.00	2.27	2.23	98	K269614	1					
					K269615	1					Blank
40.00	42.00	2.00	1.92	96	K269616	1					
42.00	44.24	2.24	2.36	105	K269617	1					
44.24	46.00	1.76	1.74	99	K269618	1					
46.00	49.00	3.00	2.95	98	K269619	1					
					K269620	1					Standard CDN-ME-16
49.00	52.00	3.00	2.97	99	K269621	1					
52.00	55.00	3.00	2.99	100	K269622	1					
55.00	56.03	1.03	1.03	100	K269623	1					
56.03	58.00	1.97	1.95	99	K269624	1					
58.00	59.92	1.92	1.90	99	K269625	1					
59.92	61.00	1.08	1.10	102	K269626	1					
61.00	62.00	1.00	1.02	102	K269627	1					
62.00	63.34	1.34	1.24	93	K269628	1					
63.34	65.00	1.66	1.70	102	K269629	1					
65.00	67.35	2.35	2.40	102	K269630	2					
67.35	70.35	3.00	2.84	95	K269631	2					
70.35	72.00	1.65	1.64	99	K269632	2					
72.00	73.43	1.43	1.45	101	K269633	2					
73.43	75.55	2.12	2.00	94	K269634	2					
75.55	76.98	1.43	1.50	105	K269635	2					
					K269636	2					Standard PL-2
76.98	79.93	2.95	2.90	98	K269637	2					
79.93	81.70	1.77	1.77	100	K269638	2					
					K269639	2					Duplicate
81.70	84.69	2.99	2.99	100	K269640	2					
84.69	85.77	1.08	1.12	104	K269641	2					
85.77	87.57	1.80	1.83	102	K269642	2					
87.57	89.12	1.55	1.67	108	K269643	2					
89.12	90.36	1.24	1.10	89	K269644	2					
					K269645	2					Blank
90.36	92.35	1.99	2.03	102	K269646	2					
92.35	94.81	2.46	2.50	102	K269647	2					
94.81	97.33	2.52	2.46	98	K269648	2					
97.33	99.00	1.67	1.75	105	K269649	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
99.00	101.28	2.28	2.30	101	K269650	2					
101.28	103.22	1.94	2.00	103	K269651	2					
					K269652						Blank
103.22	105.64	2.42	2.42	100	K269653	2					
105.64	108.30	2.66	2.55	96	K269654	2					
108.30	110.00	1.70	1.46	86	K269655	2					
110.00	111.49	1.49	1.51	101	K269656	2					
111.49	112.38	0.89	0.87	98	K269657	2					
112.38	114.33	1.95	1.98	102	K269658	2					
114.33	117.00	2.67	2.60	97	K269659	2					
117.00	119.00	2.00	1.97	99	K269660	2					
119.00	120.48	1.48	1.50	101	K269661	2					
120.48	122.15	1.67	1.74	104	K269662	2					
122.15	124.47	2.32	2.35	101	K269663	2					
					K269664	2					Standard PL-2
124.47	126.00	1.53	1.58	103	K269665	2					
126.00	128.61	2.61	2.74	105	K269666	3					
128.61	130.37	1.76	1.56	89	K269667	3					
130.37	131.19	0.82	0.83	101	K269668	3					
131.19	133.16	1.97	2.00	102	K269669	3					
133.16	136.00	2.84	2.79	98	K269670	3					
					K269671	3					Standard CDN-ME-16
136.00	139.00	3.00	2.80	93	K269672	3					
139.00	142.00	3.00	2.90	97	K269673	3					
142.00	143.82	1.82	1.90	104	K269674	3					
143.82	144.37	0.55	0.56	102	K269675	3					
144.37	145.16	0.79	0.79	100	K269676	3					
					K269677	3					Blank
145.16	146.05	0.89	0.90	101	K269678	3					
146.05	149.00	2.95	2.98	101	K269679	3					
					K269680	3					Standard CDN-ME-16
149.00	150.76	1.76	1.77	101	K269681	3					
150.76	153.00	2.24	2.35	105	K269682	3					
153.00	155.93	2.93	2.93	100	K269683	3					
155.93	157.53	1.60	1.62	101	K269684	3					
					K269685	3					Blank
157.53	159.58	2.05	2.05	100	K269686	3					
159.58	160.90	1.32	1.28	97	K269687	3					
160.90	162.80	1.90	1.85	97	K269688	3					
162.80	165.85	3.05	3.02	99	K269689	3					
165.85	167.28	1.43	1.40	98	K269690	3					
167.28	168.57	1.29	1.30	101	K269691	3					
168.57	170.03	1.46	1.43	98	K269692	3					
170.03	171.09	1.06	1.06	100	K269693	3					
171.09	173.33	2.24	2.28	102	K269694	3					
173.33	175.56	2.23	2.29	103	K269695	3					
					K269696	3					Duplicate
175.56	177.26	1.70	1.80	106	K269697	3					
177.26	179.06	1.80	1.83	102	K269698	3					
179.06	181.66	2.60	2.69	103	K269699	3					
181.66	183.04	1.38	1.40	101	K269700	3					
183.04	185.00	1.96	1.95	99	K269701	3					
185.00	186.90	1.90	1.93	102	K269702	4					
186.90	189.93	3.03	3.06	101	K269703	4					
					K269704	4					Blank
189.93	192.72	2.79	2.66	95	K269705	4					
192.72	194.55	1.83	1.86	102	K269706	4					
194.55	196.45	1.90	1.95	103	K269707	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
196.45	197.60	1.15	1.17	102	K269708	4					
197.60	199.00	1.40	1.40	100	K269709	4					
					K269710	4					Duplicate
199.00	201.44	2.44	2.60	107	K269711	4					
201.44	203.44	2.00	2.02	101	K269712	4					
203.44	206.04	2.60	2.70	104	K269713	4					
206.04	207.50	1.46	1.55	106	K269714	4					
207.50	208.80	1.30	1.34	103	K269715	4					
					K269716	4					Standard PL-2
208.80	211.31	2.51	2.59	103	K269717	4					
211.31	211.99	0.68	0.68	100	K269718	4					
211.99	212.60	0.61	0.60	98	K269719	4					
					K269720	4					Blank
212.60	213.43	0.83	0.86	104	K269721	4					
213.43	215.87	2.44	2.23	91	K269722	4					
215.87	218.25	2.38	2.40	101	K269723	4					
218.25	219.84	1.59	1.57	99	K269724	4					
219.84	220.92	1.08	1.09	101	K269725	4					
220.92	223.77	2.85	2.90	102	K269726	4					
223.77	225.15	1.38	1.37	99	K269727	4					
225.15	227.71	2.56	2.65	104	K269728	4					
227.71	230.16	2.45	2.49	102	K269729	4					
230.16	233.00	2.84	2.96	104	K269730	4					
					K269731	4					Standard PL-2
233.00	235.75	2.75	2.69	98	K269732	4					
235.75	237.48	1.73	1.76	102	K269733	4					
237.48	238.66	1.18	1.19	101	K269734	4					
238.66	239.66	1.00	0.91	91	K269735	4					
239.66	242.35	2.69	2.75	102	K269736	4					
242.35	245.00	2.65	2.53	95	K269737	4					
245.00	248.00	3.00	2.98	99	K269738	5					
248.00	250.66	2.66	2.63	99	K269739	5					
250.66	251.47	0.81	0.81	100	K269740	5					
					K269741	5					Blank
251.47	254.00	2.53	2.56	101	K269742	5					
					K269743	5					Standard CDN-ME-16
254.00	257.00	3.00	2.99	100	K269744	5					
257.00	259.00	2.00	1.95	98	K269745	5					
259.00	260.91	1.91	1.96	103	K269746	5					EOH

DENSITY LOG

Hole: **KL-11-27**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
58.16	GRD									10.216	6.31	853.1	537	Phyllic and clay altered	2.67	2.70
80.47	GRD				t-w					10.024	6.312	838.2	544.1	Weak phyllic and propylitic GRD	2.67	2.85
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-27

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00			16.38	
4.00			24.56	
5.00			24.77	
6.00			25.24	
7.00			24.9	
8.00			39.36	
9.00			31.65	
10.00			32.17	
11.00			4.115	
12.00			0.417	
13.00			26.65	
14.00			28.29	
15.00			12.73	
16.00			25.59	
17.00			17.48	
18.00			0.488	
19.00			0.392	
20.00			18.44	
21.00			25.26	
22.00			18.17	
23.00			21.2	
24.00			19.98	
25.00			22.5	
26.00			19.46	
27.00			2.154	
28.00			29.01	
29.00			1.914	
30.00			8.392	
31.00			15.39	
32.00			20.15	
33.00			38.15	
34.00			38.37	
35.00			2.155	
36.00			13.96	
37.00			26.93	
38.00			8.749	
39.00			8.57	
40.00			4.51	
41.00			1.599	
42.00			1.984	
43.00			1.199	
44.00			1.694	
45.00			9.161	
46.00			30.71	
47.00			37.4	
48.00			30.41	
49.00			18.19	
50.00			9.109	
51.00			2.857	
52.00			6.657	
53.00			9.694	
54.00			1.499	
55.00			17.46	
56.00			27.42	
57.00			0.883	
58.00			0.198	
59.00			2.4	
60.00			0.163	
61.00			0.816	
62.00			0.147	
63.00			0.136	
64.00			0.169	
65.00			0.19	
66.00			0.226	
67.00			0.193	
68.00			0.277	
69.00			0.345	
70.00			0.185	
71.00			0.465	
72.00			0.409	
73.00			0.598	
74.00			8.145	
75.00			3.325	
76.00			0.313	
77.00			0.856	
78.00			9.427	
79.00			7.125	
80.00			0.482	
81.00			0.323	
82.00			3.732	
83.00			6.688	
84.00			2.49	
85.00			6.686	
86.00			0.591	
87.00			1.183	
88.00			1.946	
89.00			1.352	
90.00			0.216	
91.00			0.28	
92.00			0.569	
93.00			0.833	
94.00			0.522	
95.00			0.251	
96.00			0.278	
97.00			1.496	
98.00			0.267	
99.00			0.223	
100.00			0.408	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.435	
102.00			0.159	
103.00			0.128	
104.00			0.313	
105.00			0.315	
106.00			5.176	
107.00			0.392	
108.00			0.27	
109.00			0.332	
110.00			0.273	
111.00			0.185	
112.00			0.173	
113.00			0.147	
114.00			0.138	
115.00			0.231	
116.00			0.171	
117.00			0.361	
118.00			0.282	
119.00			0.194	
120.00			0.187	
121.00			0.288	
122.00			0.345	
123.00			0.368	
124.00			0.276	
125.00			0.289	
126.00			0.283	
127.00			0.241	
128.00			0.291	
129.00			0.272	
130.00			0.167	
131.00			0.275	
132.00			0.21	
133.00			0.345	
134.00			0.359	
135.00			0.221	
136.00			0.361	
137.00			0.212	
138.00			0.252	
139.00			0.25	
140.00			0.202	
141.00			0.244	
142.00			0.3	
143.00			0.34	
144.00			0.193	
145.00			0.326	
146.00			0.343	
147.00			0.268	
148.00			0.527	
149.00			0.392	
150.00			0.472	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.341	
152.00			0.224	
153.00			0.344	
154.00			0.24	
155.00			0.259	
156.00			0.441	
157.00			0.338	
158.00			0.297	
159.00			0.158	
160.00			0.153	
161.00			0.195	
162.00			0.246	
163.00			0.171	
164.00			0.136	
165.00			0.302	
166.00			0.162	
167.00			0.15	
168.00			0.221	
169.00			0.26	
170.00			0.247	
171.00			0.1	
172.00			0.153	
173.00			0.174	
174.00			0.118	
175.00			0.245	
176.00			0.284	
177.00			0.185	
178.00			0.288	
179.00			0.037	
180.00			0.159	
181.00			0.261	
182.00			0.189	
183.00			0.175	
184.00			0.884	
185.00			4.547	
186.00			4.715	
187.00			0.209	
188.00			0.157	
189.00			0.35	
190.00			0.24	
191.00			0.277	
192.00			0.147	
193.00			0.292	
194.00			0.269	
195.00			0.408	
196.00			0.172	
197.00			0.323	
198.00			0.223	
199.00			0.319	
200.00			0.393	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.635	
202.00			10.93	
203.00			0.259	
204.00			4.536	
205.00			3.183	
206.00			0.323	
207.00			0.356	
208.00			0.219	
209.00			0.324	
210.00			0.341	
211.00			0.214	
212.00			0.239	
213.00			0.231	
214.00			0.455	
215.00			4.837	
216.00			0.262	
217.00			0.372	
218.00			0.436	
219.00			0.441	
220.00			0.379	
221.00			0.547	
222.00			3.726	
223.00			22.68	
224.00			0.386	
225.00			0.275	
226.00			0.271	
227.00			0.198	
228.00			0.342	
229.00			0.113	
230.00			0.366	
231.00			29.5	
232.00			27.95	
233.00			7.869	
234.00			25.15	
235.00			6.598	
236.00			9.476	
237.00			6.373	
238.00			18.84	
239.00			3.097	
240.00			0.223	
241.00			0.229	
242.00			0.212	
243.00			0.251	
244.00			16.63	
245.00			0.483	
246.00			0.466	
247.00			20.58	
248.00			34.14	
249.00			37.97	
250.00			20.6	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.58	
252.00			11.13	
253.00			27.45	
254.00			17.61	
255.00			0.401	
256.00			0.442	
257.00			20.16	
258.00			1.35	
259.00			29.41	
260.00			23.61	
261.00			24.8	
262.00			EOH @ 260.91	
263.00				
264.00				
265.00				
266.00				
267.00				
268.00				
269.00				
270.00				
271.00				
272.00				
273.00				
274.00				
275.00				
276.00				
277.00				
278.00				
279.00				
280.00				
281.00				
282.00				
283.00				
284.00				
285.00				
286.00				
287.00				
288.00				
289.00				
290.00				
291.00				
292.00				
293.00				
294.00				
295.00				
296.00				
297.00				
298.00				
299.00				
300.00				

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION

BOX LOG

HOLE: KL-11-27

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1		3.84	36	141.50	145.54			
2		7.92	37		149.60			
3		12.38	38		153.73			
4		16.32	39		157.65			
5		20.50	40		161.32			
6		24.74	41		165.50			
7		29.02	42		169.47			
8		33.26	43		173.61			
9		37.35	44		177.82			
10		41.58	45		181.66			
11		45.77	46		185.82			
12		50.18	47		190.03			
13		54.33	48		194.08			
14		58.51	49		198.32			
15		62.17	50		202.28			
16		65.84	51		206.04			
17		69.20	52		209.96			
18		73.34	53		214.00			
19		77.02	54		218.15			
20		80.91	55		222.34			
21		85.10	56		226.55			
22		88.43	57		230.48			
23		92.35	58		234.62			
24		96.26	59		238.88			
25		100.08	60		243.25			
26		103.90	61		247.62			
27		108.34	62		251.76			
28		112.38	63		255.95			
29		116.60	64		260.19			
30		120.70	65		260.91			
31		124.56	EOH @ 260.91m					
32		128.52						
33		132.77						
34		137.01						
35		141.50						

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382686.66	6890339.83	1361.28	280.42

ZONE:

SECTION:

HOLE: KL-11-28

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (280.42m / EOH)

Casing depth: 3.20 (m) in /**out**

Drilling dates: July 01 - 04, 2011

Geology logged by: Nick Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	159.11	36.5	-49.9	Ranger
67.66	35.3	-49.6	Ranger	189.58	37	-49.9	Ranger
98.15	36.9	-49.6	Ranger	250.55	38.9	-50.4	Ranger
128.63	35.1	-49.8	Ranger	281.03	38.1	-50.1	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.70		CAS/GRD	Overburden; fractured oxidized core, unaltered to propyllitic altered GRD
7.70	43.56		GRD	Arg > Phyllic > weak Prop, alt'd GRD; oxidation; limonite veining; minor qtz veining with trace sulphides
43.56	138.81		GRD	Prop w/ Phyllic envelopes; increase in qtz/ qtz-carb veining with minor > strong sulphide min'zation
138.81	166.33			Strong Phyllic > Arg alt'n; black breccia zones; mod-strong sulphide min'zation in qtz/ qtz-carb veining
170.46	189.81		GRD	Alternating Phyllic-Arg alt'n; less amounts of sulphides bearing veins
189.81	202.00		POR	Qtz-feldspar porphyry dyke; some red staining
202.00	223.57		GRD	Phyllic > Arg > Prop alt'n. Frequent qtz/ qtz-carb veining w/ moderate sulphide min'zation
223.57	224.90		POR	Qtz-feldspar porphyry dyke
224.90	253.66		GRD	Prop alt w/ Phyllic overprinting; sulphide bearing qtz veins less frequent but host stronger min'zation
253.66	254.52		VEN	Zone of % scale massive sulphide veining; Gn > As > Py> Sph
254.52	271.49		GRD	Prop alt w/ Phyllic envelopes; frequent qtz-sulphide veining w/ moderate min'zation
269.9	271.08		POR	Qtz-feldspar porphyry dyke; brecciated
271.08	280.42		GRD	Unalt'd/weakly Prop alt'd GRD; no min'zation; EOH

SAMPLES

Numbers: K272951-K2723000; K863001-098

Total: 148

Batch: DDH-28 B1-B5

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-28

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.21					CAS?																					Broken core with dirt - probably from casing
3.21	7.70					GRD	BK-WH					M	prop	t													GRD. Unaltered to trace propyllitic altered GRD. Moderate oxidation along fracture surfaces. Core moderately compentent
7.70	10.73					GRD	RD-BG		ms	s	s																ARGILLIC/PHYLLIC ALT W/ OXIDATION. Reddish and beige-green zone of alternating argillic-phyllic alt. Steeply dipping qtz-carb veinlets abundant. Interval mod-strongly oxidized.
															VT	55-90	<.6	12									
			8.22	8.32		VEN	BK-WH	VU							VN	90	10			m			w	cp	t		SULPHIDE BEARING QTZ VEIN. Whiteish grey-black vuggy qtz vein w/ diss py, gn, and traces of cp in black crystalline zone. Euhedral smokey qtz in large vug. Oxidized fracture surface downhole of vein. Strong oxidation above and below veining
			10.03	10.30		GRD	BG			ms		ms															ARGILLIC ALT W/ VEINLET. Beige and red mod-strong argillic alt. Oxidation strong around shallow dipping carb veinlets. Subvertical milky qtz veinlet bottom of interval
						VEN									VT	90	0.5										
10.73	15.04					GRD	BK-WH					m	prop	t													GRD. White black pink flecked w/ greenish hue GRD. Trace prop alteration; black subvertical Qtz veinlets infrequent. Fracture surfaces oxidized. Subhorizontal long qtz carb veinlet runs along core then x-cuts.
															VT	10	0.2										
15.04	16.23					GRD	BG-RD		m	ms	ms																ARGILLIC ALT. Beige-red argillic alt. GRD
						VEN									VT	80-90	<.3	5									Subvertical white grey qtz veinlets w/ mod. Phyllic envelopes. Alternating zones of oxidation.
			15.13			VEN									VN	90	1						m				Milky, med-grained qtz vein bearing diss galena. Strong phyllic alt envelope associated limonite and pervaisive oxidation (envelope 4cm wide on either side of vein)
16.23	25.30					GRD	WH-BK					m	prop	t													UNALTERED-TRACE PROP ALT GRD. White black flecked massive GRD with trace propyllitic alteration uphole. Oxidized fracture surfaces. Infrequent carb veinlets w/ phyllic envelopes.
			17.96	18.09		VEN	BN					s			VN	70	1										QTZ-CARB VEIN. Greyish white qtz veining w/ milky carb veining. Minor netting. Halo of pervaisive oxides (envelope?)
			18.97	19.17		GRD	GN		ms																		PHYLLIC ENVELOPE. Drk green mod-strong phyllic envelope around steeply dipping milky carb veinlet
						VEN									VT	60	<.7										
25.30	29.44					GRD	Gn-BN		m			s	prop	w													OXIDIZED GRD/PHYLLIC ALT. Alternating zones of red oxidation w/ weak phyllic alteration and drk green moderate phyllic alteration. Long qtz vein runs along core axis. Weak prop. Overprinting. Qtz-carb veinlets in oxide envelopes frequent.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															VT	60	0.1	11									
			25.98	26.68		VEN	WH-BK								VN	0-5	<1.2										QTZ VEIN W/ MINOR SULPHIDES. Milky white and black crystalline qtz vein. Mottled white qtz in centre w/ crystalline black qtz? At vein boundary. Diss spal minor in black qtz. Strong phyllic envelope. Qtz-carb w/ limonite veinlets x-cut ~60 degrees. Qtz vein runs through 2 oxidation zones.
								NE							VT	60	<.5										
								DI														w					
29.44	31.60					GRD	WH-GN			S			prop?	w													ARGILLIC ALT. White-pale green strong argillic alt w/ weak propyllitic overprint. Pervaisive oxidation ~20% and oxidation ~1cm adjacent to qtz carb veinlets
			31.19	31.22		VEN									VN	60	<2			f							SULPHIDE BEARING VEIN. Milky white-grey qtz-carb veining with diss py in zone of oxidized argillic altered GRD
31.60	40.41					GRD	BN-GN		m	m		s	prop	t													PHYLLIC ALT W/ PERVAISIVE OXIDATION. Light green /weak -mod phyllic; oxidation througout: pervaisive 60%; along fractures 10%. Short intervals of argillic alt. And silica flooding w/ minor sulphide mineralization. Qtz-carb veinlets common.
			32.61	32.83		GRD	BG			s																	Beige argillic alteration w/ pervaisive oixdation
			32.83	33.02		VEN									VN	80	<10										SILICA FLOODED GRD w/ qtz-carb veining; diss py in black crystalline qtz? Veinlets.
								DI												f							
			33.98	34.05					w	s																	Beige argillic alteration w/ phyllic overprint
			36.02	36.33		VEN	RD								VT	10	<.8										LIMONITE VEINLET. Drk red limonite veinlet, fine grained w/ darker red rims
			37.36	37.94		GRD	LTGN	EN	m				prop	m													PHYLLIC/PROPYLLITIC ENVELOPE. Light green propyllitic alteration w/ phyllic overprint? Beige chalcedony veinlets x-cut core at steep angle.
			37.51	37.57		VEN	BN-GY	VU				m															VUGGY QTZ VEIN. Grey, crystalline, vuggy qtz veins, oxidized fractures. Qtz euhedral, coarse in vugs
			38.83	38.89		VEN									VT	40	<.4										CARBONATE AND LIMONITE VEINLETS. Brown fine grained soft limonite veinlets and white crystalline carbonate veinlets x-cut core. Pervaisive oxidation 4cm adjacent to veinlet zone.
40.41	43.56					GRD	BG-GN		w-m	s			pot	m													ARGILLIC ALT W/ POTASSIC AND PHYLLIC OVERPRINT. Beige light green with pinkish zone, zone of alteration. Strong argillic alteration w/ weak phyllic alt increasing to moderate alt envelopes around veins. Potassic overprinting downhole. Grey white finegrained qtz veinlets 1mm across frequent. Pervaisive oxidation adjacent to veinlets common. Silica flooded or qtz vein? zone ~26cm.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			40.53	40.79		VEN				s	m				VN	60	23.00										QTZ VEIN. Grey white variably netted, crystalline, sucrosic, vuggy qtz vein w/ pervaisive oxidation. No sharp contact w/ GRD, moderate phyllic enveloping. Qtz prismatic in vugs
			41.52	41.68		GRD	DKGN	EN	s																		PHYLLIC ENVELOPE. Dark green phyllic envelope overprinting argillic altered GRD
			41.59	41.63		VEN		NE							VN	90	4.00			f	w	t				MILKY QTZ VEIN. Beige white crystalline finely netted qtz vein w/ fine-grained black ?qtz? In interstices. Diss and blebby py in black qtz; blebs of sphal in grey white qtz. Orange ?staining? On fracture surfaces. Arseno traces around sphal
43.56	44.50					GRD	DKGN-LTGN		s																		PHYLLIC ALTERATION. Drk and light green strong phyllic altered GRD. Frequent qtz-chalcedony veins and veinlets. Phyllic alt strongest around veins
															VT	80											
			43.56	43.69		VEN									VN	70	1.00										Grey white qtz and chalcedonic vein
			43.95	43.98		VEN		NE							VN	60	1.00										Grey white netted qtz and chalcedonic vein; blebs of py in grey white qtz
								BL												w							
			44.35	44.42		VEN		NE																			QTZ VEIN HOSTING SULPHIDES. Grey white crystalline netted vuggy qtz vein w/ chalcedonic stringers. Blebby sphal and diss py in grey white qtz
								BL														f					
								DI													f						
44.50	45.54					GRD	GNPK		m				pot	t													PHYLLIC/ POTASSIC ALT. Drk green pinkish mod phyllic alt GRD w/ weak potassic overprint. 1mm qtz veinlet x-cut core w/ variable orientations
45.54	47.52					GRD	BG-GN		m	s																	ARGILLIC-PHYLLIC ALT. Beige and light green argillic alt w/ phyllic overprinting. Strength of argillic alt varies: argillic strongest alteration uphole. Short interval of brecciation and qtz veining w. sulphide mineralization
			46.30	46.42		VEN		BX	s						VN	90	12.00			ms		m					VEINING AND BRECCIATiON. White and greycrystalline qtz and creamy chalcedonic veining hosting semimassive pyrite, blebby sphal and blebby hematite. Pyrite in grey and greyish black qtz. Flanks of vein are brecciated: greyish qtz vein fragments in beige chalcedony
47.52	52.98					GRD	GN-PK			s		s	prop	w													WEAKLY PROPYLLITIC ALTERED GRD/STRONG ARGILLIC ALTERATION. Drk green tinted w/ pink propyllitic altered GRD w/ zones <50cm argillic alt and pervaisvie oxidation. Looks like phyllic overprinting argillic alt
			50.61	50.98						s																	
52.98	58.00					GRD	GN-YL		m	s																	ARGILLIC ALTERED GRD W/ PHYLLIC overprinting. Qtz veinlets and stringers frequent (black, xstalline). Sulphide bearing veins present, infrequent. Py semi-massive in veins, diss in phyllic alt grd

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			55.47	55.50		VEN									VN	50	<1	2.00		l							
				.											VT	<50	0.20	11.00									
			55.59	56.02		VEN									VT	10	0.50			%							Shallow 5mm py stringer subhorizontal to core axis cuts core along a 40cm interval
			55.99	56.02		VEN		DI-BL							VN	85	3.00			%	m	m				Pyrite stringer leads to grey white qtz vein hosting diss-massive pyrite, blebby arseno and blocky sphal
			57.38	57.49		GRD	G	EN	s																		Grey white xstalline qtz vein <1.4cm hosting diss-blebby py blebby sphal, and diss arseno in phyllic envelope
						VEN									VN	50	<1.4			m	t	w				
			57.54	57.65		GRD	G	EN	s																		Grey white xstalline qtz and beige chalcedonic vein 2.2cm hosting diss-blebby py, diss sphal, and diss arseno in phyllic envelope
						VEN									VN	80	<2.2			m	t	w				
			57.92	57.94		VEN									VN	70	<.8									Grey white qtz vein w/ diss-blebby py and 2mm blebs of sphal
								BL												m		w				
58.00	138.81					GRD							prop	t													Weakly propyllitic altered GRD w/ occasional sulphide hosting qtz veining w/ strong phyllic envelopes
								EN	s																		
															VN	60-90	<5	1.00									
			60.09	60.79				EN	s	s																	Argillic alteration transitioning to phyllic alt envelope around dark grey xstalline qtz and creamy chalcedonic banded qtz vein hosting blebby py, sph, and trace arseno
			60.41	60.47		VEN									VN	70	5.00			ms	t	m				
			64.91	64.93		VEN									VN	90	2.00			m						Grey and black xstalline qtz vein hosting diss py
			66.36	66.59				EN	s	m																	PHYLLIC ENVELOPE enclosing black xstalline qtz and beige chalcedonic vein hosting galena and py stringers. Clay alt at vein contact
						VEN									VN	60	<2			w			m			
			68.50	69.00				EN	s	m																	Phyllic overprinting argillic alteration in zone encompassing 4cm group of grey qtz and beige chalcedonic veinlets. No mineralization observed
			68.69	68.73		VEN									VN	80	4.00									
			64.91	64.93		VEN									VN	90	2			M						Grey and black xstalline qtz vein hosting diss py
			66.36	66.59				EN	s	m																	PHYLLIC ENVELOPE enclosing black xstalline qtz and beige chalcedony vein hosting galena and py stringers. Clay alteration at vein contact
						VEN									VN	60	<2			w			m			
			68.50	69.00				EN	s	m																	Phyllic overprinting argillic alteration in zone encompassing 4cm group of grey qtz and beige chacedony veinlets. No mineralization observed
			68.69	68.73		VEN									VN	80	4									
			73.54	73.63				EN	s																		PHYLLIC ENVELOPE enclosing grey white qtz veinlet
						VEN									VT	50	0.6									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			75.10	77.00		GRD			s	m										f							Strong argillic altered GRD overprinting phyllic alt uphole; strong phyllic alt downhole w/ qtz veins and frequent veinlets and pyrite stringers
			75.23	76.15		VEN			s						VN	90	<4	3									Zone of increase in veins and veinlets. Black and grey xstalline qtz veins ~1cm-4cm thick hosting diss py. Grey qtz veins w/ beige chalcedony veins host diss-blebby pyh and blebs of sph. Py stringers frequent
															VT	<90	0.1	6									
								DI-BL												f		f					
			78.14	78.51		GRD	LTGN		s	t																	PHYLLIC ALTERED GRD w/ shallow dipping grey-beige qtz carb veinlets. Weak argillic alt overprinted by phyllic alt
															VT	10	<.4	12									
			78.65	80.77		GRD	GN-BG		s	s																	PHYLLIC ALT TRANSITIONING TO ARGILLIC w/ beige chalcedony veins and frequent black qtz veinlets
			79.27	79.43		VEN		VU							VN	45	1										CHALCEDONY VEINS. Beige discontinuous chalcedony veins x-cut by blcakc qtz veinlets. Euhedral qtz in vugs. No mineralization observed
			81.29	81.53		GRD	BG-WH		w	s																	AGRILLIC ALTERATION Beige white argillic alt GRD w/ weak phylllic overprint
			84.43	84.84		GRD	BG-GN		w-m	s																	ARGILLIC ALTERATION w/ ?hematite? Veinlet ~60 degrees to core axis. Transition to phyllic envelope ~7cm adjacent to 45 degree milky qtz veinlet
															VT	45	0.8										
			86.13	86.37		GRD	LTGN	EN	s																		PHYLLIC ENVELOPE W/ SULPHIDE BEARING QTZ VEIN. Lt green crumbly phyllic altered core w/ greyish white xstalline qtz vein hosting blebby py and sph discontinuous chalcedonyw/in qtz vein; sulphides not found w/in chalcedony
			86.21	86.23		VEN									VN	90											
								BL												f		s					
			87.00	87.28		GRD	LTGN	EN	s																		PHYLLIC ENVELOPE. Lt green yellow phyllic envelope around py stringers and carbonate vein
			87.07	87.15		VEN									VT	90	.2										PY STRINGERS AND CARB VEIN. Black and metallic yellow discontinuous py stringers w/ occasional blebs of sph. Milky white xstalline carbonate vein x-cuts core
															VN	85	<3.5			m		w					
			87.66	88.26		GRD	GN-YL		s																		PHYLLIC ALTERED GRD. Green and yellow phyllic altered GRD w/ milky qtz veinlets and one vertical semi-massive and blebby sph bearing milky qtz veinlet <0.3cm w/ diss py and discontinuous py stringers
															VT	35	0.2	1.5									
															VT	85	0.2			%		s					
			90.60	90.65											VT	65	0.5										PY STRINGER 0.5cm thick in unaltered GRD
								BL												%							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			91.04	91.31		GRD	LT-DKGN		m																		PHYLLIC ALT GRD. Light and drk green phyllic envelope w. Black ?qtz? Stringers and sulphide bearing milky qtz veinlets
			91.14	91.19		VEN									VT	90	<.8			m		ms	l				SULPHIDE BEARING QTZ VEINLETS. White milky qtz veinlets 90 degrees to core axis bears semi-massive galena and blebs of sph on rims w. Blebby py adjacent to veinlet. Milky qtz veinlet @ 40 degrees hosts blebby py
															VRT	40	0.5			m							
			97.06	97.11		GRD	YL	EN	s?																		PHYLLIC ENVELOPE Yellowish green phyllic envelope 3cm adjacent to black ?qtz? Netted veinlet. Diss py in envelope
								NE							VT	50	0.2										
			98.56	98.65		GRD	YL	EN	s																		PHYLLIC ENVELOPE w/ py stringers x-cut by beige white shallow dipping qtz veinlets
															VT	50	<.2	11									
			98.75	99.67		GRD	DKGN		m																		PHYLLIC ALT GRD. Drk green phyllic altered GRD w/ frequent vertical black ?qtz? Stringers and beige white ~45degree dipping qtz veinlets
			99.67	102.20		GRD	WH-DKGN		s	s																	ARGILLIC ALT TRANSIITION TO PHYLLIC ALT. Greenish white semicompetent to crumbly strong argillic alterede GRD transitioning to crumbly phllic overprinted alteration in crumbly argillic zone. Milky qtz veinlets bound zone
			99.67	99.70		VEN									VT	85	0.3										
								BL												m							
			102.70	103.60		GRD	LTGN	EN	s																		Lt green strong phyllic envelope w/ qtz-carb vein and increase in qtz stringers
			102.70	103.13		VEN									VN	10	1.2			m							
			105.76	111.86		GRD	LTGN		m-s	s																	PHYLLIC ALTERATION ZONE. Zone of light-dark green mod-strong alternating phyllic alt w/ occasional argillic alteration <50cm. Strongest phyllic alt shows diss py. Core competent to crumbly. Qtz-carb veins and veinlets common. Beige diss ?clay? Throughout
			110.02	110.17		VEN									VN	30	<1.2										Grey and black qtz-carb vein hosting blebs of py in black zones; diss py throughout - strong in phyllic altered GRD adjacent to vein
								BL												ms							
								DI												s							
			110.65	111.28		FLT																					FAULT ZONE? Grey crumbly clay altered fault zone w/ coarse clasts in clayey clasts at lower contact
			112.24	112.77		GRD	GN-YL	EN	s																		Light green-yellow strong phyllic envelope w/ diss beige ?clay?
			112.56	112.58		VEN	BK-WH								VN	60	2			l	l	ms					Black and white xstalline qtz vein hosting blebs to semi-massive py, as, sph. Mineralization hosted in xstalline black qtz. White qtz hosts brecciated grey qtz (mm scale). Diss py and pyrite stringers proximal to vein
			116.07	116.88		GRD	LTGN	EN	s																		Strong phyllic altered GRD w/ diss py and diss yellow ?clay? Py stringers common. Minor clay alteration. One sulphide bearing qtz vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								DI												f							
			116.33	111.45		VEN									VN	60	12			l		m	s				Grey-white xstalline qtz vein hosting diss-massive py, gn and blebs of hematite and sph. Clay alt between vein and nearby py stringers.
			121.01	124.56					m																		Zone of fractured to crumbly, poorly recovered moderate phyllic altered GRD
			126.29	126.41		VEN	RD								VN	60	2-4										Red fine grained massive apalite vein x-cuts unaltered GRD
			132.25	132.28		VEN									VN	65	1.5										Grey-white; massive qtz carb vein hosting py blebs
			133.59	138.81		GRD									VT	45-60	.1-.3										Zone of frequent py and black stringers
			137.18	137.45		GRD	GN-YL	EN	s																		Lt green and yellow strong phyllic envelope w/ limonite and qtz-carb stringers and a grey-white massive qtz vein hosting blebby py <0.5cm in black qtz w/ traces of galena. Vein 3cm wide. Diss py throughout envelope
															VN	75	3.00										
								BL												ms							
								DI												ms			w				
138.81	166.33																										Interval of moderate to strong phyllic altered GRD w/ frequent zones of metre scale strong argillic altered GRD. Qtz and qtz-carb veins and veinlets frequent. Breccia zones present
			138.24	138.26		VEN									VN	55	2.00										White beige black netted qtz carb vein 2cm wide x-cuts milky qtz veinlet. Brecciated grey qtz vein is w/in fine grained black portion of vein
															VT	50	<.5										
			141.06	141.48		BXA	BK-BG								BX	40											Melanocratic coarse to megaclastic breccia w/ black fine grained matrix hosting <0.7cm blebs of pyand minor <0.7cm blebs of sph. Clasts include yellow clay clasts and large clasts of silica flooded phyllic altered GRD hosting ~0.2cm blebs of py. Zone of grey ?clay alteration? ~4cm across observed within breccia zone. Black w/ beige specked finely banded fine grained ?qtz vein? w/ diss py creates upper contact btwn phyllic alt GRD and breccia zone. 4cm across clast of phyllic altered GRD found w/in "vein" which disrupts banding
			141.06	141.21		VEN?	BK	BN							VN	40	15.00										
			141.57	141.59		VEN		BX							VN	60	<1										Black fine grained vein w/ brecciated grey qtz <0.3cm is x-cut by grey qtz veinlets dipping 50 degrees opposite direction. Py stringers proximal to vein dip same direction as grey qtz veinlets
			141.91	146.15		GRD	GNBG		ms	s										f							Zone of beige and green argillic altered GRD w/ phyllic overprinting around qtz veins. Py, hematite, and black stringers frequent and x-cut core at various angles. One milky qtz vein hosts diss py, sph along rims
															VT	35-90	<0.2	11.00									
															VN	40	<1			f		f					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			143.35	143.46		VEN	BK-WH	NE							VN	60											Black grey white netted qtz vein w/ blebs of py and gn hosted in black fine grained qtz. Diss py throughout
			144.45	144.65		VEN									VN	50	3.00										2 black grey white banded qtz veins 3cm and 1cm w/ diss to blebby py w/in black qtz. Veins dip toward each other
															VN	80	1.00										
			144.40	144.73		VEN									VN	0	<1										Pinkish white massive calcite vein in argillic altered GRD. Core crumbly. Vein runs along core axis
			170.84	173.08		GRD	WH			ms																	White mod-strong argillic alteration w/ frequent white-beige qtz-carb veinlets frequent at various angles at various angles to core axis
															VT	30-90	<0.2	10									
			173.08	177.79		GRD	BG-GN		ms	ms			prop	t													Beige, green tinted argillic and phyllic w/ weak prop overprinting; qtz-carb veinlets frequent at various angles to core axis
															VT	30-91	<.5	11									
			176.33	176.34		VEN		BN							VN	80	1			s							Pinkish white banded qtz-carb vein w/ semi-massive py in black netted qtz along pinkish vein contact
			177.79	179.57		GRD	DKGN						prop	w													Weakly propyllitc altered GRD w/ shallow qtz-carb veinlets x-cut by subvertical qtz-carb veinlets
															VT	35	<0.3	8									
															VT	85	<0.6	2									
			179.57	183.83		GRD	BG-GN			ms			prop	m													Beige green argillic altered GRD w/ propyllitic overprinting. Shallow beige white ?ankerite qtz veinlets frequent x-cut by subvertical black stringers. Milky qtz-carb veinlets infrequent
			181.39	181.61		VEN		BX							VN	60	3.5										Two black fine-grained veins w/ brecciated phyllic altered GRD. Clasts med-grained to megaclastic
								BX							VN	60	3.5										
			183.83	184.74		GRD	DKGN		ms?	m	ms																Drk green and translucent silica flooded phyllic altered GRD w/ frequent black stringers transitioning from argillic altered GRD
															VT	45-85	.1	9									
			185.38	185.57		VEN		BN							VN	25	<1										Grey black w/ pink banded qtz-carb vein hosting diss py in grey white qtz
								DI												f							
			186.50	186.65		VEN		BX																			Melanocratic brecciated medium to very coarse clastic phyllic altered GRD in black fine grained ?sulphide vein x-cuts core at 50 degrees then funs along core axis for 6cm. Diss py in matrix
								DI												w							
			188.05	189.32		GRD	DKGN						prop	m													Dark green phyllic altered GRD
			189.17	189.81		VEN	GY	BX																			Grey brecciated medium to megaclastic phyllic altered GRD and grey white qtz in grey fine grained qtz vein. Blebby to massive py in qtz clasts, diss py in qtz vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
189.81	195.47					POR	BG			w																	Beige white qtz-feldspar porphyry dyke w/ shallow to subhorizontal qtz veins infrequent and cm scale flow banding at both contacts. Lower contact soft and strongly clay altered
						C		FD																			
195.47	197.06					GRD			m?	s	ms		prop	m													Crumbly core w/ silica flooding adjacent to dyke contact transitioning to soft ?sheared clay altered zone transitioning to competent veinlets x-cut by shallow thick milky qtz veinlets
			195.70	195.90		FLT?		SH																			
197.06	202.00					POR	BG-RD	ST																			Beige white qtz-feldspar porphyry dyke w/ zones of light and dark red staining and alternating drk grey zones. Steep to shallow dipping qtz veinlets increase downhole core crumbly at upper contact, sharp contact w/ breccia zone
															VT	70-90	<0.2										
															Vt	0-15	<0.2										
						C																					
202.00	202.73					GRD	BG-GN		s	ms																	Beige-green argillic altered GRD w/ strong phyllic overprinting. Meterscale breccia/ sulphide vein zone at upper contact w/ dyke. Moderate sulphide veins and veinlets downhole
						VEN	BL-W								VN	55	4			ms							
			202.00	202.73		VEN		BX							VN	45				w							Greyish clay altered zone of brecciated phyllic altered GRD and grey white qtz in grey white diss py hosted qtz vein transitioning to black, white, grey banded semi-massive py and sph hosted qtz vein
								BN							VN	45				l		s					
204.73	205.21					POR	RD																				Red qtz-feldspar porphyry dyke, Staining from hematite
205.21	223.57					GRD		MA	m-s	ms			prop	m													Zone of alternating mod to strong phyllic alteration meter scale argillic alteration and mod propyllitic alteration qtz-carb veinlets throughout w/ increase intensity in strong phyllic zones. Beige white qtz veins common. Sulphide bearing grey white qtz veins common. Upper contact w/ dyke core ?sharp?- core crumbly; lower contact w/ dyke is sharp
			206.34	206.38			VEN	BN							VN	78	5										Black and white banded blebby py bearing qtz vein
								BL												m							
			206.58	210.53		GRD	DK-LTGN						prop	m	VT	75		11									Mod propyllitic alt w/ increase in black stringers. Greenish swirly qtz-felds dyke occurs w/ sharp clay altered contacts
			210.53	210.63		VEN		MA							VN	45	<2										Milky white massive qtz vein w/ minor brecciated phyllic altered GRD. Strong phyllic envelope around vein
			210.53	212.24		GRD	GN		s																		Strong phyllic alt w/ steeply dipping py and black stringers. Frequent beige white qtz veinlets to veins - some veins netted.
															VT	70-90	.1	11									
															VN	80-90	<1	0.5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			212.15	212.24		FLT?				s																	Very soft clay altered GRD w/ sharp contact w/ downhole vein.
			212.45	212.72		VEN					s				VN	45	25			w							Grey white black banded/brecciated minor diss py bearing qtz veining and silicified and fractured phyllic altered GRD. Band of greyish white qtz hosts brecciated beige ?qtz-porphyry dyke? Minor vugs througout
			212.72	215.11		GRD	GR-BG		s						VT					t							Alternating argillic and phyllic alteration transitioning to potassic alteration downhole. 60% argillic 30% phyllic 10% potassic. Py stringers frequent in phyllic zones
						GRD	GN-PK			ms			pot	m													
			215.11	217.92		GRD	DK-LTGN						prop	m													Dark and light green propyllitic alt w/ minor phyllic altered zone around veins
			215.16	215.18		VEN	GY-WH								VN	55	1			%							Grey white massive semi massive py bearing qtz vein within 2cm wide phyllic envelope
			216.30	216.44		VEN	PK-WH								VN	80	<1.2										Two pinkish grey qtz brecciated qtz veins hosting blebs of py <0.5cm. Veins 11cm apart and share strong phyllic envelope w/ silica flooding. Upper vein has small veinlet offshot running down core axis
						VEN	PK-WH								VN	80	.8										
			217.92	223.57		GRD	GN-PK		s	s																	Strong phyllic alteration transitioning to argillic alt as veining decreases downhole. ~25% phyllic 70% argillic, 5% propyllitic (30cm interval within argillic)
			218.17	218.46		VEN	WH-BL	BN							VN	80				%	t	t	m				Black whtie green beige thick banded qtz veining. Black qtz hosts diss to massive pyrite and diss galena and has sharp contact with white qtz. Py veinlets along white qtz-silicified phyllic alt GRD mark sharp contact. Beige w/ Grey white qtz hosts gn, sph, py (diss to blebs). Silica flooded GRD contains discontinuus sph, py veins and diss py. Diss-blebby py in phyllic alteration; silica flooded GRD downhole
			218.54	218.72		VEN	BG-GY	DI-BL							VN	90	3.00			m							Zone of beige grey black banded blebby py bearing qtz vein and veinlet and grey white blebby to semi-massive py, diss sph bearing qtz vein w/ py stringers
								DI							VT	85	<.8			m							
								BL							VN	90	<4			l							
															ST					ms							
			219.88	220.10		VEN	BG-GY-WH								VN	85	<.8	40.00		w							2 veins: Beige-grey brecciated qtz veinlet and black stringers w/ no mineralization; Grey black thinly banded semi-massive Py bearing minor vuggy qtz veining. Py hosted in black qtz
								BN							VN	90	3.00			ms							
			223.08	223.29		VEN	GY-WH								VN	45											2 grey white massive qtz veins. Upper is shallow dipping no sulphides observed. Lower vein is steeply dipping w/ blebby sph <0.4cm
								BL							VN	65						m					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
223.57	224.90					POR	BG-GN			w																	Beige-green qtz-feldspar porphyry dike? Highly fractured core w/ qtz veinlets infilling fractures. ?Feldspar replaced by py? Py blebs observed. Some fractures are clay altered. One zone of veining and mineralization. Lower contact brecciated
			223.57			C																					
			224.90			C		BX																			
			224.03	224.06		VEN		BN																			Black beige white thinly banded, band fractured diss py bearing qtz vein. Sharp clay altered contacts
								DI												w							
224.90	227.00					GRD	DKGN	BX	ms?		m		prop	ms													Dark green propyllitic altered GRD w/ silica flooding and ?phyllic overprinting? Contains brecciated zone. Lower contact sharp against dyke. Beige red hematite bearing qtz-carb vein is discontinuous along core axis downhole
			227.00			C																					
			225.90	226.63		BX	DKLTGN	BX												W-S							Light green angular medium to megaclastic phyllic altered GRD and very coarse, blebby py bearing qtz clastic dark green fine grained diss py ?qtz? Breccia
			227.00	234.11		POR	BG-RD	FL		w																	Beige to red flow banded to massive qtz-felds porphyry dyke w/ ?hematite (pervasive)? Staining and massive calcite veining (<4cm) towards lower contact. Lower contact interfingered w/ brecciated GRD. Red hematite shear zone <1cm thick x-cuts core
			234.11			C																					
			234.11	235.14		GRD	BG-GN			s																	Beige argillic alt'd GRD w/ breccia zone proximal to dyke contact
			234.11	234.50		BXA	GN-BG																				Beige med-coarse angular argillic altered GRD clastic drk green-black fine-grained ?qtz-clay? Breccia
235.14	247.77					GRD	WH-PK-GN						POT	w													UNALTERED/ WEAK POTASSIC AND PROP ALT. Pinkish white unaltered to weakly potassic alt'd GRD w/ <1.5m zones of green prop alt'd GRD and one 20cm zone of strong phyllic alt'n. Vts infrequent but commonly host py. Qtz vts increase downhole
													prop	w-m													
															VT	30-90	4-9										
			243.23	243.48		GRD	GN	EN																			PROP ENVELOPE W/ Py VT. Greenish propyllitic? Envelope around black and white v. thinly banded qtz vein hosting diss py. Py stringers <2mm run along vt, some vertical stringers interesct vts.
			243.28	243.42		VEN	BK	BN							VT	40	.8										
			245.59	245.78		GRD	LTGN	EN	s																		PHYLLIC ALT. Lt green phyllic envelope around 2 black stringers. Upper stringer x-cut by shallow calcite vt.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
247.77	256.64								s	ms							prop	m									ALT'N ZONE. Interval of alternating alt'n zones w/ a zone v. strong sulphide mineralization. Zones broken down below:
			247.77	253.66		GRD	LT-DKGN		s				prop	ms													PHYLLIC W/ PROP ALT. Mostly light green w/ <70cm bands of drk green prop alt'd GRD. Strong phyllic overprinting. Qtz-carb vts have various orientations. Sulphide bearing vns occur in phyllic zones
			248.12	248.21		VEN	BG-WH	BN																			2 SULPHIDE QTZ VEINS. UPPER: 1 cm milky qtz w/ beige Ch rims and black ?sulphide stringers. Diss-blebby py throughout except in Ch, blebs <0.2cm of Sph throughout except in Ch. LOWER: Grey white massive 1cm qtz vein hosting blebby to semi massive Py and strings of As (almost continuous), diss Py, As in adjacent pyllic envelope. Minor blebby (<.2cm) Sph occurs on Py rims
								BL							VN	85	<1			l		m					
								DI-BL													s							
			251.34	251.80		GRD	BK-GN	CG					prop	s													PROP ALT'N. Greenish black ?prop? Alt'd GRD w/ 10cm phyllic envelope around qtz vt. Black colour from abundant v. coarse, "blebby" mafics. Zone less magnetic than uphole GRD
			252.33	252.62		VEN	WH-GR	MA							VN	30,60	<1										QTZ-CARB VEINING. Grey white massive qtz-carb veining w/ diss Py in grey qtz. Veining discontinuous w/ minor 'blow outs'
								DI												m							
			252.87	253.07		VEN	GY-BG	BN							VN	40	3.5										SULPHIDE QTZ-CARB VEIN. Grey black beige medium banded qtz-carb veining hosting diss to blebby Py and a 1cm vein of massive blackjack Sph. Py strings located in grey and black veinlets. Ch veinlets discontinuous. Strong phyllic alt'n envelope as well as w/in vein zone. ~25% orange blebby soft mineral ?ankrite observed below veining
								DI-BL												ms							
								MA														%					
			253.26	253.66		GO	BG-GN	SH		s																	GOUGE. Greenish beige sheared v. Coarse gouge w/ v. Coarse fragments of phyllic alt'd GRD in soft medium grained clayey matrix. Continuous to fractured grey white qtz vein occurs mid interval w/ proximal zones of f.g black ?sulfides? Diss Py associated w/ this qtz veining
						VEN	GY	MA							VN	45	3			w							
			253.66	254.52		VEN	MT-BK	PA, VU							VN	60	80			%	%	%	s			X	MASSIVE SUPHIDE VEINING. Black and metallic to drk green zone of massive sulphides in qtz-carb vein and veining. Zones around veining look like silica flooded phyllic alt'd GRD. Zone very stringy and fractured with fractured grey qtz and beige qtz-carb veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other										Other				prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								MA															%				GALENA. Strongest mineralization. Textures range between patchy/diss to semi massive in discontinuous stringers and veinlets <1cm to massive and 'swirly' vein zones <8cm (parallel to core axis i.e. True thickness unknown)
								BL-MA													%						ARSENOPYRITE. Textures include large blebs 2mm-10mm across, disseminated swirls in grey qtz and discontinuous stringers. 1cm massive As vein occurs 90 degrees to core axis. Diss As throughout vein zone
								DI-BL												%							PYRITE. Textures similar to those for As. Blebs form patches <6cm across. Py often occurs w/ As. Diss Py throughout vein zone
																						s					SPHALERITE. Minor sulphide, mostly blebs. Maybe diss throughout ?/Indistinguishable from black sulphide?
								DI																			HEMATITE. Diss and fractured hematite veinlets occur throughout greatest concentration downhole form strongest mineralization
			254.52	256.64		GRD	LTGN																				STRONG PHYLLIC ALT'D GRD. w/ SULPHIDE VEINING
			254.96	255.12		VEN	BL-BZ	MA							VN	?	3			ms								SULPHIDE QTZ VEIN. Grey white massive qtz vein hosting semi massive Py. Vein zone fractured, orientation unknown
			255.08	255.11		VEN	GY-WH	MA							VN	55	2.5										SULPHIDE QTZ VEIN. Grey white qtz vein w/ Ch rims. Diss py w/ minor Sph hosted w/in grey qtz. Strong phyllic envelope 6cm adjacent to vein
256.64	266.86					GRD	PK-GN		ms				prop	m														PROP ALT W/ PHYLLIC ENVELOPES. Qtz-carb veinlets common. Strong phyllic envelopes around veining. Weak argillic alt'n for ~50cm. One zone of fractured core w/ carb veining
															VT	50	<0.2										
			259.60	259.70		GRD	DKGN	EN																				QTZ CARB VEIN. Grey white qtz carb vein w/ diss Py, Sph, and Py stringers in strong phyllic envelope
			259.64	259.67		VEN	GY-WH								VN	35	<1.3										
			261.87	262.20		VEN	WH-GN	MA							VN	35	1.2			w		m					QTZ CARB VEIN. White and grey massive qtz carb vein hosting blebby sph <2mm along vein rims. Core fractured, strong phyllic envelope. Diss Py proximal to vein
266.86	271.49					GRD	LTGN	MA	s																		PHYLLIC ALT'N w/ DYKE Lt green phyllic alt'd GRD w/ very frequent beige Ch? Stringers, occasional Py stringers and smoky qtz vns. Dyke described below
															VT	60	35										
			269.90	271.08		POR	LTGN	FL-BX												w							BRECCIA DYKE Lt green flow banded qtz-felds porphyry dyke w/ subangular clasts of phyllic alt GRD <8cm. Diss Py around some clasts. Upper contact sharp. Lower contact marked w/ grey white qtz veining and 2cm creamy blebby Sph in all veins - creamy vein has sulphides on rims

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			prop = propyllitic
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
271.79	280.42 EOH					GRD	WH-PK	MA					prop	t													UNALT'D GRD/WEAK POT ALT. White and black flecked w/ pinkish hue massive unaltered GRD w/ occasional Py stringers and carbonate vns. Minor mod-strong clay alt'n downhole in <40cm intervals
						VEN									VT	70	<.3			m							
			274.27	274.38		GRD	GN	EN	s																		CALCITE VEIN W/ PHYLLIC ENVELOPE. Milky massive calcite vein w/ beige rims in phyllic envelope
						VEN	WH	MA							VN	85	1										
			278.33	279.31		VEN	WH	MA							VN	20	<2										MASSIVE CALCITE VEIN. Milky white massive calcite vein rims along core axis then branches into multiple veins downhole
			279.56	279.70		VEN	WH	M							VN	10	2										Massive calcite vein in fractured core
																											EOH @ 280.42

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-28

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.57	4.57	1.72	38	0.69	15	W	SW		
4.57	5.18	0.61	0.42	69	0.23	38	MW	SW		POOR RECOVERY
5.18	8.22	3.04	2.76	91	0.96	32	W	MW		
8.22	11.28	3.06	2.73	89	1.47	48	VS	MW		
11.28	14.32	3.04	3.10	102	1.24	41	VS	SW		
14.32	17.37	3.05	3.00	98	1.92	63	VS	SW		
17.37	20.42	3.05	3.07	101	1.60	52	VS	SW		
20.42	23.47	3.05	3.06	100	1.49	49	VS	SW		
23.47	26.52	3.05	2.93	96	1.29	42	S	MW		
26.52	29.57	3.05	3.02	99	1.75	57	MS	SW		
29.57	32.61	3.04	2.91	96	1.88	62	MS	MW		
32.61	35.66	3.05	3.06	100	1.43	47	MS	SW		
35.66	38.71	3.05	3.02	99	1.69	55	MS	MW		
38.71	41.76	3.05	3.09	101	1.96	64	MS	MW		
41.76	44.81	3.05	3.03	99	1.78	58	S	SW		
44.81	47.85	3.04	2.93	96	0.88	29	VS	SW		
47.85	50.90	3.05	3.03	99	0.56	18	MS	MW		
50.90	53.95	3.05	2.38	78	0.00	0	MS	HW		
53.95	57.00	3.05	3.11	102	0.88	29	VS	SW		
57.00	60.04	3.04	3.04	100	1.48	49	S	SW		
60.04	63.09	3.05	2.54	83	0.79	26	S	FR		
63.09	66.14	3.05	3.12	102	1.70	56	S	FR		
66.14	69.20	3.06	3.07	100	1.62	53	S	FR		
69.20	72.24	3.04	3.02	99	2.10	69	MS	FR		
72.24	75.29	3.05	3.06	100	1.52	50	MS	FR		
75.29	78.33	3.04	3.04	100	1.57	52	MS	FR		
78.33	81.83	3.50	3.10	89	2.30	66	S	FR		
81.83	84.43	2.60	3.05	117	1.76	68	MS	FR		
84.43	87.48	3.05	2.72	89	1.79	59	MS	FR		
87.48	90.53	3.05	3.20	105	2.40	79	VS	FR		
90.53	93.57	3.04	3.00	99	2.20	72	S	FR		
93.57	96.62	3.05	2.80	92	1.27	42	S	FR		
96.62	99.67	3.05	2.95	97	1.94	64	S	FR		
99.67	102.72	3.05	2.90	95	0.45	15	VS	FR		
102.72	105.76	3.04	3.07	101	1.15	38	MS	FR		
105.76	108.81	3.05	2.80	92	1.25	41	VS	FR		
108.81	111.86	3.05	2.94	96	1.50	49	S	FR		
111.86	114.91	3.05	3.05	100	1.93	63	S	FR		
114.91	117.96	3.05	2.86	94	1.89	62	S	FR		
117.96	121.01	3.05	3.12	102	2.25	74	VS	FR		
121.01	124.05	3.04	1.92	63	0.37	12	MS	FR		
124.05	127.10	3.05	2.88	94	1.59	52	S	FR		
127.10	130.11	3.01	3.09	103	1.75	58	S	FR		
130.11	133.20	3.09	3.08	100	2.20	71	MS	FR		
133.20	136.24	3.04	3.02	99	2.20	72	MS	FR		
136.24	139.29	3.05	3.01	99	2.19	72	MS	FR		
139.29	142.34	3.05	3.03	99	2.21	72	MS	FR		
142.34	145.39	3.05	2.99	98	1.72	56	MS	FR		
145.39	148.44	3.05	2.93	96	0.91	30	MS	FR		
148.44	151.49	3.05	2.60	85	0.67	22	MS	FR		
151.49	154.53	3.04	2.66	88	0.51	17	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	2.94	96	0.30	10	MS	FR		
157.58	160.63	3.05	2.90	95	0.70	23	S	FR		
160.63	163.68	3.05	2.83	93	0.69	23	MS	FR		
163.68	166.73	3.05	3.15	103	2.46	81	MS	FR		
166.73	169.78	3.05	3.02	99	2.32	76	MS	FR		
169.78	172.82	3.04	2.89	95	2.32	76	S	FR		
172.82	175.87	3.05	3.06	100	2.58	85	S	FR		
175.87	178.92	3.05	3.02	99	2.30	75	MS	FR		
178.92	181.97	3.05	3.03	99	2.34	77	MS	FR		
181.97	185.09	3.12	3.05	98	2.50	80	S	FR		
185.09	188.06	2.97	3.06	103	1.40	47	S	FR		
188.06	191.11	3.05	2.94	96	1.13	37	S	FR		
191.11	194.16	3.05	3.07	101	1.35	44	MS	FR		
194.16	197.21	3.05	2.91	95	0.73	24	S	FR		
197.21	200.25	3.04	3.01	99	1.63	54	MS	FR		
200.25	203.30	3.05	2.97	97	0.90	30	VS	FR		
203.30	206.35	3.05	3.13	103	1.02	33	MS	FR		
206.35	209.40	3.05	2.87	94	0.58	19	VS	FR		
209.40	212.45	3.05	2.87	94	0.96	31	S	FR		
212.45	215.49	3.04	3.07	101	2.27	75	S	FR		
215.49	218.54	3.05	3.05	100	1.83	60	S	FR		
218.54	221.59	3.05	2.95	97	2.41	79	S	FR		
221.59	224.64	3.05	3.06	100	0.92	30	VS	FR		
224.64	227.69	3.05	2.82	92	1.84	60	MS	FR		
227.69	230.73	3.04	3.07	101	1.48	49	S	FR		
230.73	233.78	3.05	3.01	99	0.72	24	ES	FR		
233.78	236.83	3.05	3.04	100	1.50	49	VS	FR		
236.83	239.88	3.05	3.03	99	2.11	69	S	FR		
239.88	242.93	3.05	3.05	100	1.82	60	S	FR		
242.93	245.97	3.04	3.03	100	1.41	46	S	FR		
245.97	249.02	3.05	3.05	100	1.90	62	S	FR		
249.02	252.07	3.05	3.05	100	1.63	53	S	FR		
252.07	255.12	3.05	3.02	99	1.60	52	S	FR		
255.12	258.17	3.05	3.15	103	1.05	34	MS	FR		
258.17	261.21	3.04	3.08	101	1.84	61	S	FR		
261.21	264.26	3.05	3.09	101	1.19	39	MS	FR		
264.26	267.31	3.05	3.00	98	1.41	46	MS	FR		
267.31	270.36	3.05	3.00	98	2.39	78	S	FR		
270.36	273.40	3.04	3.02	99	2.10	69	MS	FR		
273.40	276.45	3.05	2.91	95	1.84	60	MS	FR		
276.45	279.50	3.05	3.08	101	1.97	65	MS	FR		
279.50	280.42	0.92	0.95	103	0.10	11	M	FR		
EOH @ 280.42m										

SAMPLE LOG

HOLE: KL-11-28

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	5.51	5.51	2.75	50	K272951	1					
5.51	7.68	2.17	2.00	92	K272952	1					
7.68	8.80	1.12	1.05	94	K272953	1					
8.80	11.77	2.97	2.72	92	K272954	1					
11.77	14.61	2.84	2.90	102	K272955	1					
14.61	17.74	3.13	3.02	96	K272956	1					
					K272957	1					Duplicate
17.74	20.67	2.93	2.99	102	K272958	1					
20.67	23.66	2.99	3.02	101	K272959	1					
23.66	25.30	1.64	1.65	101	K272960	1					
25.30	26.68	1.38	1.24	90	K272961	1					
					K272962	1					Blank
26.68	29.77	3.09	2.97	96	K272963	1					
29.77	32.61	2.84	2.80	99	K272964	1					
32.61	34.02	1.41	1.46	104	K272965	1					
34.02	37.02	3.00	3.00	100	K272966	1					
37.02	38.72	1.70	1.67	98	K272967	1					
38.72	41.65	2.93	3.10	106	K272968	1					
					K272969	1					STD CDN-ME-16
41.65	44.50	2.85	2.77	97	K272970	1					
44.50	45.76	1.26	1.24	98	K272971	1					
45.76	46.82	1.06	1.00	94	K272972	1					
46.82	49.76	2.94	3.00	102	K272973	1					
49.76	52.79	3.03	3.00	99	K272974	1					
52.79	55.41	2.62	1.94	74	K272975	1					
55.41	58.00	2.59	2.55	98	K272976	1					
					K272977	1					Blank
58.00	60.09	2.09	2.10	100	K272978	1					
60.09	63.46	3.37	3.00	89	K272979	1					
63.46	66.32	2.86	2.90	101	K272980	1					
66.32	69.53	3.21	3.00	93	K272981	1					
69.53	72.48	2.95	3.00	102	K272982	1					
72.48	75.10	2.62	2.60	99	K272983	1					
					K272984	1					STD CDN-ME-16
75.10	77.00	1.90	1.87	98	K272985	1					
77.00	78.65	1.65	1.63	99	K272986	1					
78.65	80.77	2.12	2.17	102	K272987	2					
80.77	83.56	2.79	2.77	99	K272988	2					
83.56	86.11	2.55	2.47	97	K272989	2					
86.11	88.33	2.22	2.20	99	K272990	2					
88.33	90.53	2.20	2.30	105	K272991	2					
					K272992	2					DUPLICATE
90.53	91.53	1.00	1.00	100	K272993	2					
91.53	93.92	2.39	2.32	97	K272994	2					
93.92	96.47	2.55	2.33	91	K272995	2					
96.47	98.47	2.00	2.00	100	K272996	2					
98.47	102.16	3.69	3.33	90	K272997	2					
					K272998	2					STD CDN-ME-16
102.16	103.62	1.46	1.37	94	K272999	2					
103.62	106.69	3.07	3.03	99	K273000	2					
106.69	109.67	2.98	2.45	82	K863001	2					
109.67	112.77	3.10	3.00	97	K863002	2					
					K863003	2					BLANK
112.77	115.73	2.96	3.00	101	K863004	2					
115.73	118.70	2.97	2.90	98	K863005	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
118.70	121.63	2.93	3.00	102	K863006	2					
121.63	126.00	4.37	3.00	69	K863007	2					
126.00	129.22	3.22	3.00	93	K863008	2					
129.22	132.38	3.16	3.00	95	K863009	2					
132.38	135.17	2.79	2.89	104	K863010	2					
					K863011	2					STD CDN-ME-16
135.17	137.14	1.97	1.98	101	K863012	2					
137.14	138.81	1.67	1.59	95	K863013	2					
138.81	141.05	2.24	2.25	100	K863014	2					
141.05	141.62	0.57	0.59	104	K863015	2					
					K863016	2					BLANK
141.62	143.35	1.73	1.67	97	K863017	2					
143.35	144.65	1.30	1.30	100	K863018	2					
144.65	146.05	1.40	1.30	93	K863019	2					
146.05	148.27	2.22	2.14	96	K863020	2					
148.27	150.17	1.90	1.66	87	K863021	2					
150.17	151.38	1.21	1.00	83	K863022	2					
151.38	153.56	2.18	2.19	100	K863023	3					
153.56	156.13	2.57	2.11	82	K863024	3					
156.13	157.66	1.53	1.55	101	K863025	3					
157.66	159.47	1.81	1.70	94	K863026	3					
159.47	160.31	0.84	0.84	100	K863027	3					
					K863028	3					BLANK
160.31	163.39	3.08	3.05	99	K863029	3					
163.39	166.33	2.94	3.06	104	K863030	3					
166.33	168.38	2.05	2.00	98	K863031	3					
					K863032	3					DUPLICATE
168.38	170.41	2.03	2.02	100	K863033	3					
170.41	173.08	2.67	2.58	97	K863034	3					
173.08	175.31	2.23	2.23	100	K863035	3					
175.31	177.79	2.48	2.45	99	K863036	3					
177.79	179.57	1.78	1.73	97	K863037	3					
179.57	181.00	1.43	1.45	101	K863038	3					
181.00	181.97	0.97	1.01	104	K863039	3					
181.97	184.74	2.77	2.79	101	K863040	3					
184.74	187.75	3.01	3.00	100	K863041	3					
187.75	189.32	1.57	1.62	103	K863042	3					
189.32	189.81	0.49	0.51	104	K863043	3					
					K863044	3					STD CDN-ME-16
189.81	192.75	2.94	2.88	98	K863045	3					
192.75	195.48	2.73	2.72	100	K863046	3					
195.48	197.06	1.58	1.55	98	K863047	3					
197.06	199.68	2.62	2.47	94	K863048	3					
199.68	202.00	2.32	2.41	104	K863049	3					
202.00	202.63	0.63	0.60	95	K863050	3					
					K863051	3					BLANK
202.63	204.73	2.10	2.10	100	K863052	3					
204.73	205.70	0.97	1.00	103	K863053	3					
205.70	206.47	0.77	0.80	104	K863054	3					
206.47	208.67	2.20	2.15	98	K863055	3					
208.67	210.53	1.86	1.77	95	K863056	3					
					K863057	3					STD CDN-ME-16
210.53	212.15	1.62	1.58	98	K863058	3					
212.15	213.00	0.85	0.90	106	K863059	4					
213.00	215.13	2.13	2.02	95	K863060	4					
215.13	216.50	1.37	1.36	99	K863061	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
216.50	217.92	1.42	1.45	102	K863062	4					
217.92	220.13	2.21	2.06	93	K863063	4					
					K863064	4					BLANK
220.13	222.58	2.45	2.47	101	K863065	4					
222.58	223.57	0.99	1.00	101	K863066	4					
223.57	224.61	1.04	1.12	108	K863067	4					
224.61	225.68	1.07	1.12	105	K863068	4					
225.68	227.00	1.32	1.28	97	K863069	4					
					K863070	4					STD CDN-ME-16
227.00	229.40	2.40	2.33	97	K863071	4					
229.40	231.69	2.29	2.33	102	K863072	4					
231.69	234.11	2.42	2.33	96	K863073	4					
234.11	235.14	1.03	1.06	103	K863074	4					
235.14	238.16	3.02	3.00	99	K863075	4					
238.16	240.90	2.74	2.87	105	K863076	4					
240.90	244.27	3.37	3.25	96	K863077	4					
244.27	247.56	3.29	3.20	97	K863078	4					
					K863079	4					STD CDN-ME-16
247.56	248.59	1.03	1.00	97	K863080	4					
248.59	250.12	1.53	1.54	101	K863081	4					
250.12	252.33	2.21	2.27	103	K863082	4					
252.33	253.66	1.33	1.33	100	K863083	4					
253.66	255.12	1.46	1.40	96	K863084	4					
					K863085	4					BLANK
255.12	256.64	1.52	1.60	105	K863086	4					
256.64	258.60	1.96	1.99	102	K863087	4					
258.60	259.82	1.22	1.21	99	K863088	4					
259.82	261.75	1.93	1.96	102	K863089	4					
261.75	262.80	1.05	1.00	95	K863090	4					
262.80	264.80	2.00	2.03	102	K863091	4					
264.80	266.86	2.06	1.97	96	K863092	4					
					K863093	4					DUPLICATE
266.86	269.90	3.04	3.04	100	K863094	4					
269.90	271.49	1.59	1.48	93	K863095	5					
271.49	274.48	2.99	3.00	100	K863096	5					
274.48	277.51	3.03	3.00	99	K863097	5					
277.51	280.42	2.91	3.09	106	K863098	5					EOH

DENSITY LOG

Hole: **KL-11-28**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1980	1726.4	2kg standard	0.00	7.81
54.2	GRD									9.984	6.34	812.4	524.7	core sample	2.58	2.82
												1955.1	1498.3	2kg standard	0.00	4.28
102.3	GRD									9.96	6.34	818.8	515.4	core sample	2.60	2.70
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-28

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00			15.43	
5.00			14.42	
6.00			16.75	
7.00			16.68	
8.00			0.457	
9.00			1.191	
10.00			12.39	
11.00			13.17	
12.00			11.36	
13.00			15.67	
14.00			17.48	
15.00			13.66	
16.00			1.469	
17.00			14.01	
18.00			0.971	
19.00			0.432	
20.00			14.52	
21.00			16.04	
22.00			16.55	
23.00			18.13	
24.00			17.5	
25.00			19.36	
26.00			0.58	
27.00			7.001	
28.00			4.511	
29.00			5.8	
30.00			0.4	
31.00			0.357	
32.00			1.683	
33.00			0.248	
34.00			6.645	
35.00			0.755	
36.00			0.419	
37.00			0.178	
38.00			0.42	
39.00			4.447	
40.00			4.003	
41.00			0.382	
42.00			0.46	
43.00			0.768	
44.00			0.334	
45.00			4.381	
46.00			0.301	
47.00			0.434	
48.00			14.76	
49.00			13.52	
50.00			19.93	
51.00			15.86	
52.00			5.3	
53.00			0.569	
54.00			0.662	
55.00			0.294	
56.00			0.294	
57.00			0.54	
58.00			0.483	
59.00			21.92	
60.00			16.35	
61.00			2.789	
62.00			11.14	
63.00			2.121	
64.00			16.99	
65.00			21.92	
66.00			19.95	
67.00			12.71	
68.00			18.44	
69.00			9.417	
70.00			17.08	
71.00			21.44	
72.00			13.53	
73.00			13.7	
74.00			13.89	
75.00			4.58	
76.00			0.315	
77.00			0.765	
78.00			1.428	
79.00			1.527	
80.00			0.764	
81.00			12.35	
82.00			16.09	
83.00			18.81	
84.00			19.44	
85.00			0.892	
86.00			19.08	
87.00			19.94	
88.00			0.39	
89.00			2.91	
90.00			20.16	
91.00			21.93	
92.00			23.31	
93.00			24.19	
94.00			20.31	
95.00			25.43	
96.00			24.33	
97.00			23.85	
98.00			18.28	
99.00			2.362	
100.00			0.846	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.244	
102.00			0.448	
103.00			0.439	
104.00			29.16	
105.00			29.72	
106.00			0.724	
107.00			2.819	
108.00			5.877	
109.00			1.151	
110.00			4.17	
111.00			0.246	
112.00			9.449	
113.00			4.726	
114.00			17.52	
115.00			1.311	
116.00			5.618	
117.00			3.277	
118.00			24.97	
119.00			18.68	
120.00			20.72	
121.00			5.836	
122.00			4.891	
123.00			9.761	
124.00			8.695	
125.00			17.62	
126.00			18.08	
127.00			18.21	
128.00			19.53	
129.00			0.528	
130.00			13.31	
131.00			16.05	
132.00			18.92	
133.00			17.22	
134.00			21.86	
135.00			21.85	
136.00			24.01	
137.00			6.24	
138.00			11.26	
139.00			2.261	
140.00			0.567	
141.00			0.319	
142.00			0.439	
143.00			0.38	
144.00			3.672	
145.00			0.544	
146.00			0.915	
147.00			7.946	
148.00			17.28	
149.00			1.096	
150.00			0.449	
151.00			0.247	
152.00			0.323	
153.00			0.445	
154.00			0.366	
155.00			69.84	
156.00			10.23	
157.00			0.434	
158.00			0.332	
159.00			0.547	
160.00			0.342	
161.00			0.406	
162.00			0.262	
163.00			0.335	
164.00			0.44	
165.00			0.883	
166.00			0.8	
167.00			14.12	
168.00			0.621	
169.00			0.501	
170.00			2.759	
171.00			0.692	
172.00			0.349	
173.00			0.338	
174.00			0.318	
175.00			0.388	
176.00			0.55	
177.00			0.403	
178.00			1.098	
179.00			0.626	
180.00			0.911	
181.00			0.831	
182.00			0.599	
183.00			1.143	
184.00			1.934	
185.00			0.366	
186.00			0.406	
187.00			0.249	
188.00			1.187	
189.00			2.84	
190.00			0.263	
191.00			0.302	
192.00			0.283	
193.00			0.265	
194.00			0.303	
195.00			0.296	
196.00			0.285	
197.00			0.287	
198.00			0.375	
199.00			0.239	
200.00			0.231	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.256	
202.00			0.335	
203.00			0.397	
204.00			0.239	
205.00			0.358	
206.00			0.815	
207.00			3.705	
208.00			4.213	
209.00			0.569	
210.00			0.374	
211.00			0.24	
212.00			0.444	
213.00			0.339	
214.00			1.163	
215.00			1.417	
216.00			1.147	
217.00			10.39	
218.00			0.355	
219.00			0.384	
220.00			0.494	
221.00			3.162	
222.00			0.462	
223.00			0.419	
224.00			0.433	
225.00			0.537	
226.00			0.402	
227.00			0.381	
228.00			0.135	
229.00			0.199	
230.00			0.322	
231.00			0.248	
232.00			0.275	
233.00			0.261	
234.00			0.217	
235.00			0.569	
236.00			0.664	
237.00			19.98	
238.00			18.04	
239.00			21.96	
240.00			19.96	
241.00			18.7	
242.00			19.26	
243.00			24.87	
244.00			21.34	
245.00			21.15	
246.00			0.553	
247.00			9.193	
248.00			2.564	
249.00			0.932	
250.00			0.244	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.334	
252.00			7.426	
253.00			0.288	
254.00			0.116	
255.00			0.304	
256.00			0.259	
257.00			4.809	
258.00			0.69	
259.00			2.893	
260.00			0.64	
261.00			24.55	
262.00			4.973	
263.00			0.931	
264.00			11.83	
265.00			17.87	
266.00			13.37	
267.00			22.11	
268.00			0.664	
269.00			0.358	
270.00			0.285	
271.00			0.277	
272.00			18.17	
273.00			23.37	
274.00			21.38	
275.00			18.27	
276.00			22.37	
277.00			22.45	
278.00			21.47	
279.00			15.28	
280.00			20.91	
281.00				

BOX LOG

HOLE: KL-11-28

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	6.45	36	143.33	147.33
2	6.45	10.38	37	147.33	151.49
3	10.38	14.20	38	151.49	155.50
4	14.20	18.08	39	155.50	159.55
5	18.08	21.93	40	159.55	163.44
6	21.93	25.91	41	163.44	167.60
7	25.91	29.88	42	167.60	171.82
8	29.88	34.20	43	171.82	176.00
9	34.20	38.20	44	176.00	180.44
10	38.20	42.02	45	180.44	184.67
11	42.02	46.08	46	184.67	188.81
12	46.08	49.95	47	188.81	193.05
13	49.95	53.78	48	193.05	197.21
14	53.78	57.30	49	197.21	201.24
15	57.30	61.30	50	201.24	205.02
16	61.30	65.34	51	205.02	209.05
17	65.34	69.53	52	209.05	212.72
18	69.53	73.80	53	212.72	216.85
19	73.80	78.04	54	216.85	222.12
20	78.04	82.20	55	222.12	225.05
21	82.20	86.30	56	225.05	229.25
22	86.30	90.53	57	229.25	233.22
23	90.53	94.47	58	233.22	237.15
24	94.47	98.75	59	237.15	240.00
25	98.75	102.59	60	240.00	245.03
26	102.59	106.77	61	245.03	249.35
27	106.77	110.65	62	249.35	253.53
28	110.65	114.60	63	253.53	257.62
29	114.60	118.70	64	257.62	261.87
30	118.70	122.45	65	261.87	266.17
31	122.45	127.38	66	266.17	270.57
32	127.38	131.33	67	270.57	279.02
33	131.33	135.20	68	279.02	280.42
34	135.20	139.29	EOH @ 280.42m		
35	139.29	143.24			

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382504.64	6889518	1411.299	114.91

SECTION:

HOLE: KL-11-29

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (114.91m / EOH)

Casing depth: 6.10 (m) in / **out**

Drilling dates: July 03 - 04, 2011

Geology logged by: C. Chung

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	69.19	37.7	-47.4	Ranger
23.47	36	-48.3	Ranger	84.43	38.8	-46.8	Ranger
38.71	35.9	-47.9	Ranger	99.67	39.9	-46.6	Ranger
53.95	37	-47.7	Ranger	114.91	40.6	-45.8	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.10	6.10	CAS	Casing; no recovery
6.10	12.01	5.91	GRD	Phyllic altered granodiorite
12.01	22.70	10.69	GRD	Fresh granodiorite
22.70	34.90	12.20	GRD	Phyllic altered granodiorite with silica flooded zones a
				veinlets with polymetallic sulphides
34.90	37.39	2.49	POR	Quartz-feldspar porphyritic dyke
37.39	38.98	1.59	GRD	Clay altered granodiorite - possible fault(?)
38.98	41.24	2.26	GRD	Mineralized phyllic and clay altered granodiorite
41.24	52.85	11.61	GRD	Propylitic altered granodiorite - possible fault(?)
52.85	57.07	4.22	GRD	Phyllic and clay altered granodiorite
57.07	62.92	5.85	GRD	Weak propylitic altered granodiorite
62.92	77.42	14.50	GRD	Weak propylitic with phyllic and argillic alteration
77.42	88.91	11.49	GRD	Phyllic and clay altered granodiorite
88.91	114.91	26.00	GRD	Weakly propylitic altered granodiorite with minor
				mineralized veinlets
				EOH @ 114.91m

SAMPLES

Numbers: K270100 - K270145

Total: 45

Batch: DDH-29 B1-B2

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-29

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	6.10	6.10				CAS																					Casing: Casing with minor amounts of recovered overburden showing gragments of very wekaly phyllic altered granodiorite.
6.10	7.85	1.75				GRD	GNGY		w			f	lim	m	FX	40-60		10									Strongly weathered granodiorite; Weakly phyllic altered granodiorite with moderate-strongly oxidized fractures.
							DKGN								VT	35-40	<0.5	5									Moderate veining density with narrow dark grey veinlets - chlorite(?).
								DI											t	t				He	t		Rare-trace mineralization noted, generally along veinlets. Mainly occurs as fine disseminations.
			6.14	6.74	0.60		ORBN			m		s	lim	l	FX												Interval of strongly oxidized and caly altered rock that is very weak - crumbled.
7.85	12.01	4.16				GRD	GN/BN	MO	m			f	lim	m	FX	40-50		10									Weathered phyllic granodiorite; Moderately oxidized phyllic altered granodiorite. Pervasive oxidation, generally stronger in fractured zones.
															VT	35	<0.5	2									Veining density difficult to determined due to oxidation. Narrow quartz-carbonate(?) stringers noted.
																								He	t?		Rare sulphides. Possible weak hematite(?)
12.01	22.70	10.69				GRD	GY		t			w	pro	tw	FX	30-60		6									Granodiorite; Fairly unaltered granodiorite with weak-moderate oxidation, mainly noted on fracture surfaces. Several low angle fractures noted along interval (at ~10° to core axis).
							DKGN	EN					pro	tw	VT	50	<0.5	2									Low-moderate veining density, most commonly narrow quartz-carbonate veinlets or dark green (chlorite?) veinlets. These structures also tend to have weakly propylitic envelopes (<2cm wide).
															Vt	60	<0.2	4						Cl?			
																			t								Rare sulphides.
			17.45	18.42	0.97		LTGN		m	tw			pot	t?													Interval of moderate-strong phyllic and clay alteration. Increased oxidation also noted. Several narrow carbonate veinlets noted. No changes to sulphide content.
															VT	60-70	<0.7	4									
			19.10	19.22	0.12	XN?	DKGN	PO					pro	w	C	30											Propylitic altered mafic rock with weak porphyritic textures, likely to be a xenolith(?).
			20.66	20.82	0.16	XN?	DKGY	PO					pro	tw	C	55											Similar to 19.10-19.22m. Likely a xenolith with intense prphyritic textures and feldspar(?) phenocrysts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
22.70	30.24	7.54				GRD	LTGN		m			tw			FX	30-40		6									Phyllic granodiorite; Weak-moderate phyllic altered granodiorite with oxidation on fracture surfaces. Fractured and slightly blocky core rock.
							DKGY								VT	50-70	<1	3									Low-moderate veining density, most commonly tan coloured quartz-carbonate veinlets and rare sulphide stringers.
								DI											t	t							Rare-trace sulphides. Finely diessminated pyrite present generally in zones with veining structures.
			23.54	24.64	1.10		GY		r			tw															Interval of decreased phyllic alteration
			26.74	26.85	0.11		MDGN	EN					pro	w													Weak propylitic envelope to banded quartz carbonate veinlet bearing polymetallic sulphides.
							MDGY	BN							VT	50	4		m	f	w	f					
			27.38	27.39	0.01		MDGN	EN					pro	w					tw	tw							Several narrow but diffused carbonate veinlets in a weak propylitic zone with disseminated sulphides.
															VT	60	<0.5	3		t							
			27.87	30.04	2.17		ORGY			tw		w								tw							Interval of increased clay and pervasive oxidation. Core rock is fractured at low angles (<20° to core axis) with shattered zones. Slight increase in disseminated sulphides.
30.24	34.90	4.66				GRD	GYGN	MO	m		w				FX	50-60		4									Strongly altered granodiorite; Mottled grey and green moderate-strongly phyllic altered and silicified granodiorite. Fairly competent with minor fracturing.
															VN	40	<5	3									High veining density, silicified zones with diffused contacts are likely to be veins and veinlets.
																			x	l	tw	f	f	Cp	tw?	x	Moderate-strongly mineralized with medium blebby disseminations throughout the matrix and polymetallic stringers in veining structures. Zones o massive sulphides also noted.
			31.02	31.15	0.13	VEN	GN/MT	BN	m		f				VT	45	5		x	ms	w	w					Weakly brecciated quartz-carbonate veinlet with moderate-strong phyllic envelopes carrying polymetallic sulphides.
			31.90	32.93	1.03	VEN	MT	MA			s				VN	50				50	tw						Grey quartz vein bearing massive pyrite with crackled texture. Trace arsenopyrite also present.
			33.01	33.16	0.15	VEN	MT	MA							VN	55	14			40	tw	l	l	Cp	tw?		Polymetallic sulphide vein. Massive pyrite with irregularly banded galena and sphalerite and trace arsenopyrite.
			33.44	33.55	0.11	VEN	MT	BN							VT	40	7			x		s	s				Banded polymetallic veinlet
			33.55	33.84	0.29		DKGY	BX												m							Mafic porphyritic unit with irregular "clasts of green-tan carbonate. Disseminated sulphides throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			34.13	34.25	0.12	VEN	MT	BN			s				VN	50	13			30	x	tw	m	Cp	tw?			Quartz vein(?) bearing wekaly banded polymetallic sulphides with carbonate.
34.90	37.39	2.49				POR	TNGN	PO	tw	t					DY	70											Porphyritic dyke; Weakly phyllic altered quartz-feldspar porphyritic dyke. Moderately fractured with minor gouge at contacts. Minor carbonate veinlet present with no significant sulphide mineralization.
															GO												
			36.27	37.39	1.12					tw					GO												Increased clay alteration resulting in weakening o core rock. Phenocrysts are more distinct in this interval.
37.39	38.98	1.59				GRD	GY			ms					FLT?	65											Clay altered granodiorite fault(?); Strongly bleached and clay altered granodiorite with approximately 50% of the interval comprised of gouge/crumbled rock - possible faulted contact(?). Possible sulphidic stringers (grey gouge bands). No significant sulphides noted.
															GO												
38.98	41.24	2.26				GRD	GYGN		m	tw	f																Altered granodiorite; Similar to 30.24-34.90m. Moderate-strongly phyllic altered and silicified granodiorite. Large intervals of this unit appear to b veining strcutres. Locallized zones of strong clay alteration.
																			x	l	f	tw	t				Moderate-strongly mineralized
			39.46	40.46	1.00	VEN	WH/MT				s									x	l	m	tw	Cp	tw		Quartz vein bearing polymetallic sulphides, semi massive with some large blebs.
41.24	52.85	11.61				GRD	GY		tw	w		tw	pro	tw	FX	40-70		12									Propylitic granodiorite; Weakly propylitic granodiorite with locallized zones of moderate-stron clay alteration. Weak-moderate oxidation noted on fracture surfaces. Weakly competent core rock in non-clay altered zones. Caly altered zones tend to be crumbled. Possible fault(?).
															FLT?												
							TNWH								VT	30-60	<1	2									Low veining density, dominantly banded cream white quartz-carbonate veinlets.
								DI											t								Rare-trace mineralziation, occuring as fine disseminations, generally near veining structures.
			42.62	44.29	1.67		WH/PK		w	m			pot	tw?	GO?												increased clay and phyllic alteration with possible weak potassic alteration (pink colouring of the matrix). Approximately 30% of the interval is crumbled. No change in sulphides.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			44.86	45.27	0.41		WH/PK			m			pot	tw?													Similar to 42.62-44.29m. Increased phyllic with propylitic and possible potassic alteration. No changes to sulphide content.
			46.04	46.33	0.29		WH/PK			m			pot	t?													Similar to 44.86-45.27m.
			47.32	48.15	0.83		WH/GN		w	m																	Similar to 42.62-44.29m.
			49.83	49.92	0.09		GY/GN	EN					pro	tw	VT	60	<1	4		t							Several quartz-carbonate veinlets in weak propylitic envelope. Trace pyrite in matrix.
			50.00	50.12	0.12		WH/PK			m					GO												Strongly clay altered interval, approximately 50% of the interval is crumbled core rock. A 15cm segment may be a prophyritic dyke(?). No significant sulphides.
52.85	57.07	4.22				GRD	LTGN		w	w					FX	50-60		8									Altered granodiorite; Weak0moderate phyllic and clay altered granodiorite. Slightly blocky core rock with moderate fracturing.
							WH								VT	60-70	<2	1									Low-moderate veining with quartz-carbonate veinlets.
								DI											tw								Fine-medium disseminated sulphides throughout matrix. Occasional discontinuous stringers noted.
			53.15	53.68	0.53		GY	BN			m				VT	60	<3	4		w							Silicified zone, likely multiple quartz veinlets. Minor patch of stronger clay alteration noted, slightly crumbled. Discontinuous sulphide stringers noted.
															GO												
57.07	62.92	5.85				GRD	GY		tw	tw			pro	t	FX	40-60		10									Weakly propylitic granodiorite; Very weakly propyltiic granodiorite with locallized patches of phyllic and clay alteration. Blocky core rock with minor zone of granular gouge.
															VT	65	<0.3	1									Low veining density, rare diffused quartz-carbonate veinlets noted, generally in phyllic zones.
																			tw	t							Low sulphide mineralization, most commonly noted as fine-medium disseminatd specks in phyllic zones
			58.28	58.68	0.40		LTGN		m	w																	Pale grey-green zone with increased phyllic alteration and becoming more clay rich moving downhole.
			59.80	60.07	0.27		LTGN	EN	m																		Phyllic envelope to grey quartz veinlet with trace weak discontinuous sulphide stringers.
							GY								VT	75	~1			tw							
			61.65	61.94	0.29		DKGN								DY?	65											Dark green fine-medium grain patch, possilby minor mafic dyke or patch of strong propylitic alteration as there are diffused contacts to this zone.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
62.92	77.42	14.50				GRD	GY/WH	MO	tw	w			pro	t	FX	40-60												Altered granodiorite; Weak propyritic altered granodiorite with increased zones of various alteration including patches of phyllic and argillic. Core rock is competent in unaltered zones but blocky and broken in altered intervals. Strong clay zones are often crumbled.
															VT	60-70	<0.7	4										Low-moderate veining density, most commonly noted are banded quartz-carbonate veinlets wihth phyllic envelopes.
																			tw	tw								Trace-weak disseminated sulphides throughout the matrix, dominantly in phyllic zones. Decreasing downhole.
			62.92	65.52	2.60		WH/GY		w	f									w	tw								Bleached interval with weak-moderate phyllic and clay alteration. Pale green phyllic envelopes in noted surrounding grey-white quartz-carbonate veinlets. Slight increase in sulphides.
							WH								VT	60-70	<1	5										
			65.95	66.50	0.55		LTGN	EN	f		tw									w								Increased phyllic zones with diffused patches of white-grey silica flooding - veinlets and envelope. Increase sulphides.
															VT	55	~1.5	2										
			69.24	69.40	0.16		LTGN	EN	w				pro	tw														Light green phyllic envelope surrounding several quartz-carbonate veinlets. Disseminated sulphides.
							WH								VT	55	<0.5	3		w								
			69.86	70.95	1.09		WH/GN		tw	w			pro	tw	FX	65				tw								Bleached and crumbled interval. Trace sulphides.
			71.24	72.37	1.13		WHGN	EN?	tw	w																		Bleached , clay altered envelope to phyllic zone surrounding several banded quartz-carbonate veinlets.
							WHGY								VT	70		2		tw								
			73.21	73.52	0.31		BN			m		t?			GO													Weakly weathered(?) gougy/clay zone. Core rock crumbles - possible strong phyllic alteration(?).
77.42	88.91	11.49				GRD	WHGN		f	f					FX	45-60		6										Altered granodiorite; Bleached and mottled dominantly white and pink and light grey green granodiorite with patches of argillic and phyllic alteration. Fairly competent core rock with moderate fracturing.
							GY								VT		<0.5	6										Moderate veining density. Grey quartz veinlets noted with two preferred orientations at 50-55° and 15-20° to core axis, often carrying sulphides.
								DI												tw								Fine disseminated pyrite present in phyllic zones but rare in argillic zones.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			78.36	79.72	1.36		LTGN		f																		Phyllic zone with severla narrow banded grey quartz veinlets with sulphide stringers.
							GY	BN							VT	50-60	<1	8	w	w							
			79.72	80.05	0.33		GY						pro	tw													Weakly propylitic altered granodiorite
			80.24	81.02	0.78		GNGY						pro	tw													Weakly propylitic altered granodiorite
			82.74	84.14	1.40		GNGY						pro	t													Propylitic granodiorite with low angle dark green veinlets - chloritic(?)
							DKGN								VT	15-20	<0.5	6									
			84.71	87.30	2.59		WH/PK			w			pot	tw?						t							Strongly bleached interval with speckled pink - possible potassic alteration(?). Decreased sulphides
			87.30	88.52	1.22		LTGN		f		tw																Phyllic and weakly silicified zone with low angle veinlets. Disseminated sulphides in veinlets.
							GY	BN							VT	20	~1	2		tw							
88.91	114.91	26.00				GRD	GY						pro	tw	FX			8									Granodiorite; Very weakly propylitic altered granodiorite with locallized zones of phyllic alteration, generally noted around veining structures Fairly competent core rock with moderate fracturing; two sets at ~20° and ~60° to core axis.
							GY								VT			5	tw								Moderate veining density, dominantly banded quartz carbonate veinlets often carrying minor sulphides. Narrow dark green veinlets also present. Vein density decreased downhole.
															VT		<0.3	3									
								DI											t	t							Rare sulphides in unaltered zones. Trace disseminated pyrite often noted in phyllic altered intervals.
			89.61	89.69	0.08		LTGN	EN	tw				pro	tw						t							Phyllic envelope to banded quartz-carbonate veinlet Trace pyrite in veinlet and matrix.
							GY/WH	BN							VT	55	1			t							
			91.04	91.11	0.07	FLT?	GYGN								GO	50											Interval of very weak rock, granular gouge - fault(?).
			92.71	93.01	0.30		DKGN		tw				pro	w						tw							Minor phyllic patch.
			93.92	96.27	2.35		WH/PK		t	f			pot	tw?													Bleached and clay altered interval. Weak creo rock with intervals of crumbled core. No significant sulphides.
			97.57	98.42	0.85		LTGN	EN	tw	tw			pro	w					tw	tw	t?						Mottled green interval, likely phyllic zone to diffused quartz veinlets. Disseminated sulphides present.
															VT	~60	<1	3									
			98.68	99.03	0.35		LTGN	EN	tw	t?																	Similar to 89.61-89.69m. Phyllic envelopes to quartz-carbonate veinlets. No significant changes to sulphide content.
							BFWH								VT	65	<0.7	5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			99.96	100.23	0.27		MDGN	EN	tw																		Similar to 92.71-93.01m. Propylitic and phyllic envelope to quartz-carbonate veinlet. Trace disseminated sulphides.
							BFGY								VT	50	1	2	t								
			100.34	100.56	0.22		LTGN	EN	tw				pro	w													Similar to 89.91-89.69m.
							WHGY								VT	70	0	3									
			100.84	101.07	0.23		MDGN	EN	tw				pro	w													Phyllic and propylitic envelope to banded quartz carbonate veinlet and discontinuous sulphide stringers.
							WH/MT	BN							VT	65	2			w							
			103.18	103.29	0.11		LTGN	EN	tw																		Similar 89.61-89.69m. Banded quartz veinlet with dark grey bands along side.
							WH/GY	BN							VT	70	1			w							
			106.60	107.06	0.46		LTGN		tw	tw																	Interval with two carbonate veinlets and increased clay alteration forming envelopes. Core rock is weal and crumbles around veinlets. No significant sulphides.
							WHGY								VT	60	<0.7	2									
			107.28	108.04	0.76		LTGN	EN	w				pro	tw													Similar to 89.61-89.69m. Light green phyllic envelopes to carbonate and quartz-carbonate veinlets. No significant sulphides.
							WHGY								VT	60	<1	7									
			111.25	111.46	0.21		LTGN	EN	w	tw			pro	tw													Phyllic envelope to quartz veinlet with sulphide stringers.
							GY	BN							VT	60	~2			tw							
			112.37	114.48	2.11										FX	30-40		7									Increased low angle fracturing. Minor granular gouge noted coating fracture surfaces.
																											EOH @ 114.91m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-29

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	6.01	6.01	0.00	0	0.00	0	MW	HW		casing
6.01	8.23	2.22	2.20	99	0.80	36	MS	HW		
8.23	11.28	3.05	2.80	92	0.89	29	MS	MW		
11.28	14.33	3.05	2.90	95	1.08	35	S	SW		
14.33	17.37	3.04	2.88	95	1.60	53	VS	SW		
17.37	20.42	3.05	2.90	95	1.77	58	VS	SW		
20.42	23.47	3.05	2.89	95	2.05	67	M	SW		
23.47	26.52	3.05	2.94	96	0.82	27	MS	SW		
26.52	29.57	3.05	2.50	82	0.98	32	M	SW		
29.57	32.61	3.04	2.88	95	1.80	59	M	SW		
32.61	35.66	3.05	2.98	98	1.75	57	M	FR		
35.66	38.71	3.05	2.91	95	0.73	24	MW	FR		
38.71	41.76	3.05	2.90	95	0.82	27	VS	FR		
41.76	44.81	3.05	2.73	90	1.17	38	S	FR		
44.81	47.85	3.04	2.70	89	1.19	39	S	FR		
47.85	50.90	3.05	2.66	87	0.62	20	VS	FR		
50.90	53.95	3.05	2.75	90	0.45	15	MS	FR		
53.95	57.00	3.05	2.87	94	1.26	41	MS	FR		
57.00	60.05	3.05	2.94	96	1.24	41	MS	FR		
60.05	63.09	3.04	2.88	95	0.78	26	S	FR		
63.09	66.14	3.05	3.04	100	2.02	66	MS	FR		
66.14	69.19	3.05	2.93	96	0.54	18	MS	FR		
69.19	72.23	3.04	3.02	99	1.20	39	MS	FR		
72.23	75.29	3.06	3.01	98	1.27	42	MS	FR		
75.29	78.33	3.04	2.96	97	1.84	61	S	FR		
78.33	81.38	3.05	3.06	100	1.79	59	S	FR		
81.38	84.43	3.05	2.86	94	1.82	60	S	FR		
84.43	87.48	3.05	2.97	97	1.50	49	S	FR		
87.48	90.53	3.05	2.89	95	1.95	64	MS	FR		
90.53	93.57	3.04	2.96	97	2.18	72	MS	FR		
93.57	96.62	3.05	2.77	91	1.36	45	MS	FR		
96.62	99.67	3.05	2.99	98	1.07	35	S	FR		
99.67	102.72	3.05	2.99	98	1.60	52	MS	FR		
102.72	105.77	3.05	2.95	97	2.40	79	S	FR		
105.77	108.81	3.04	2.73	90	1.74	57	MS	FR		
108.81	111.86	3.05	3.10	102	1.81	59	MS	FR		
111.86	114.91	3.05	2.93	96	1.02	33	S	FR		
										EOH @ 114.91m
										.

SAMPLE LOG

HOLE: KL-11-29

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	6.10	6.10		0	N/S						Casing; no recovery
6.10	7.85	1.75	1.75	100	K270100	1					
7.85	12.01	4.16	3.76	90	K270101	1					
12.01	15.20	3.19	3.12	98	K270102	1					
15.20	18.42	3.22	3.18	99	K270103	1					
18.42	22.70	4.28	4.14	97	K270104	1					
					K270105	1					Duplicate
22.70	24.64	1.94	1.90	98	K270106	1					
24.64	27.87	3.23	3.19	99	K270107	1					
27.87	30.24	2.37	2.21	93	K270108	1					
30.24	31.79	1.55	1.48	95	K270109	1					Polymetallic veins
31.79	33.16	1.37	1.28	93	K270110	1					Massive pyrite vein
					K270111	1					Blank
33.16	35.01	1.85	1.78	96	K270112	1					Polymetallic veins
35.01	37.39	2.38	2.38	100	K270113	1					
37.39	38.98	1.59	1.63	103	K270114	1					
38.98	41.24	2.26	2.40	106	K270115	1					Polymetallic veins
					K270116	1					Blank
41.24	44.84	3.60	3.20	89	K270117	1					
44.84	48.15	3.31	2.96	89	K270118	1					
48.15	50.00	1.85	1.65	89	K270119	1					
50.00	52.82	2.82	2.36	84	K270120	1					
52.82	57.07	4.25	4.05	95	K270121	1					
					K270122	1					Standard: CDN-ME-16
57.07	60.07	3.00	2.94	98	K270123	1					
60.07	62.92	2.85	2.64	93	K270124	1					
62.92	66.51	3.59	3.52	98	K270125	1					
66.51	69.24	2.73	2.57	94	K270126	1					
69.24	72.37	3.13	3.11	99	K270127	1					
72.37	74.90	2.53	2.52	100	K270128	1					
74.90	77.42	2.52	2.46	98	K270129	1					
77.42	81.02	3.60	3.66	102	K270130	1					
					K270131	1					Standard: CDN-ME-16
81.02	84.14	3.12	3.07	98	K270132	1					
84.14	87.30	3.16	3.05	97	K270133	1					
87.30	88.91	1.61	1.65	102	K270134	1					
88.91	91.40	2.49	2.37	95	K270135	1					
91.40	93.92	2.52	2.45	97	K270136	2					
93.92	96.27	2.35	2.12	90	K270137	2					
					K270138	2					Blank
96.27	99.03	2.76	2.73	99	K270139	2					
99.03	102	2.97	2.94	99	K270140	2					
102.00	105.00	3.00	2.89	96	K270141	2					
105.00	108.04	3.04	2.77	91	K270142	2					
					K270143	2					Standard: CDN-ME-16
108.04	111.00	2.96	2.98	101	K270144	2					
111.00	114.91	3.91	3.91	100	K270145	2					EOH @ 114.91m

DENSITY LOG

Hole: **KL-11-29**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	pyrite %	apy %	sphal %	Other	%							
												2001	1743.7	2000g standard	#DIV/0!	7.78
20.26	GRD									10.434	4.178	384.56	242.2	unaltered grandiorite.	2.69	2.70
32.36	VEN	MA			50					12.205	4.198	671.2	506.9	crackled massive pyrite vein	3.97	4.09
34	GRD		silicified		20	5	10	Gn	5	10.85	4.196	505.4	358.1	polymetallic vein with cpy (~2%)	3.37	3.43
35.15	POR									10.494	4.177	384.1	242.4	porphyritic dyke	2.67	2.71
65	GRD		phyllic	m	0.2					12.13	4.189	461.5	297.6		2.76	2.82
87.14	GRD		argillic	m						10.875	4.191	385.6	237.5		2.57	2.60

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-29

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				CASING
2.00				CASING
3.00				CASING
4.00				CASING
5.00				CASING
6.00			16.94	
7.00			16.58	
8.00			0.335	
9.00			0.426	
10.00			0.379	
11.00			0.279	
12.00			0.32	
13.00			18.16	
14.00			14.14	
15.00			9.999	
16.00			3.253	
17.00			18.42	
18.00			0.753	
19.00			17.12	
20.00			17.14	
21.00			18.62	
22.00			17.35	
23.00			0.327	
24.00			4.948	
25.00			0.807	
26.00			0.353	
27.00			0.301	
28.00			0.23	
29.00			0.209	
30.00			0.823	
31.00			0.972	
32.00			0.111	
33.00			0.158	
34.00			0.238	
35.00			0.182	
36.00			0.218	
37.00			0.277	
38.00			0.39	
39.00			0.255	
40.00			0.055	
41.00			0.37	
42.00			7.988	
43.00			0.253	
44.00			4.254	
45.00			5.833	
46.00			0.754	
47.00			12.15	
48.00			8.976	
49.00			12.72	
50.00			0.569	
51.00			0.574	
52.00			12.09	
53.00			0.383	
54.00			0.316	
55.00			0.387	
56.00			0.24	
57.00			0.582	
58.00			9.544	
59.00			17.25	
60.00			0.288	
61.00			5.56	
62.00			9.651	
63.00			9.836	
64.00			0.887	
65.00			0.337	
66.00			0.4	
67.00			8.483	
68.00			4.232	
69.00			8.958	
70.00			0.462	
71.00			8.335	
72.00			0.622	
73.00			10.94	
74.00			10.99	
75.00			13.79	
76.00			15.41	
77.00			11.51	
78.00			0.377	
79.00			0.23	
80.00			4.336	
81.00			6.772	
82.00			0.53	
83.00			11.94	
84.00			0.492	
85.00			1.382	
86.00			0.325	
87.00			0.27	
88.00			0.44	
89.00			15.13	
90.00			18.18	
91.00			14.08	
92.00			7.539	
93.00			0.929	
94.00			8.289	
95.00			1.506	
96.00			1.763	
97.00			19.79	
98.00			1.127	
99.00			14.81	
100.00			8.182	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.428	
102.00			3.855	
103.00			24.15	
104.00			9.575	
105.00			13.99	
106.00			16.57	
107.00			3.569	
108.00			4.32	
109.00			10.64	
110.00			2.242	
111.00			16.01	
112.00			5.878	
113.00			16.4	
114.00			9.064	
				EOH @ 114.91m

BOX LOG

HOLE: KL-11-29

BOX	FROM (m)	TO (m)
1	0.00-5.56	10.30
2	10.30	15.95
3	15.95	21.57
4	21.57	27.21
5	27.21	32.75
6	32.75	38.42
7	38.42	43.54
8	43.54	48.99
9	48.99	54.19
10	54.19	59.91
11	59.91	65.73
12	65.73	71.75
13	71.75	77.21
14	77.21	83.02
15	83.02	88.83
16	88.83	94.60
17	94.60	100.23
18	100.23	106.08
19	106.08	111.86
20	111.86	144.91
EOH @ 114.91m		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382254.66	6889721	1386.84	96.01

SECTION:

HOLE: KL-11-30

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (EOH)

Casing depth: 4.57 (m) in / **out**

Drilling dates: July 04 - 05, 2011

Geology logged by: C. Chung

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	65.53	40.3	-49.7	Ranger
19.81	39.4	-50	Ranger	80.77	40.6	-49	Ranger
35.05	39.9	-49.6	Ranger	96.01	42.3	-47.8	Ranger
50.29	39.4	-49.7	Ranger				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	CAS	Casing; no recovery
4.57	26.52	21.95	GRD	Weathered granodiorite with minor mineralized
				veinlets with dominantly disseminated pyrite
26.52	35.07	8.55	GRD	Strongly clay altered granodiorite - possible fault(?)
				Aplite dyke at 28.69-29.46m
35.07	48.70	13.63	GRD	Strongly clay altered granodiorite - possible fault(?)
48.70	52.92	4.22	GRD/MAF	Mixed interval of granodiorite and mafic dyke
52.92	53.95	1.03	FEL	Felsic, siliceous fine grained dyke
53.95	56.13	2.18	FLT?	Fault(?), possible "vein gouge" with trace sulphides
56.13	57.64	1.51	FEL	Siliceous fine grained dyke
57.64	59.95	2.31	GRD	Phyllic granodiorite with argillic overprint
59.95	63.93	3.98	POR	Porphyritic quartz-feldspar dyke
63.92	64.37	0.45	BXA	Weakly mineralized breccia contact zone
64.37	65.76	1.39	FLT?	Faulted contact
65.76	82.36	16.6	GRD	Weakly propylitic granodiorite with minor veinlets
82.36	96.01	13.65	GRD	Fresh granodiorite with minor aplite dykes
				EOH @ 96.01m

SAMPLES

Numbers: K270146 - K270180

Total: 35

Batch: DDH-30 B1

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-30

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.57	4.57				CAS																					Casing; Casing with minor amounts of recovered overburden, showing relatively fresh granodiorite.
4.57	26.52	21.95				GRD	GY		t			w	pro	tw	FX	45-50		12						Li	f		Weathered granodiorite; Moderately weathered, weakly propylitic and trace phyllic altered granodiorite. Oxidation present mostly along fractures but occurs pervasively in weak amounts. Limonite stained fractures. Blocky, broken core rock.
							TN								VT	55	<0.2	3?									Difficult to deteremine veining due to borkeness of core but appears to be low-moderate, generally narrow irregular cabonate stringers/veinlets. Possilbe diffused quartz veinlets also appear to be present.
							GY/WH								VT	55	<1	2?									
								DI											t								Rare-trace sulphides. Disseminated pyrite noted in more phyllic alatered patrches. Limonite and manganese stained.
			5.79	6.95	1.16		GN/BN		f			m							tw	tw				Cp	t?		Increased phyllic alteration and pervasive oxidation, giving rock a dappled texture. Increased sulphides, pyrite stringers and rare chalcopyrite.
			8.72	10.50	1.78		GN/BN		f			f							tw	tw				He	t?		Similar to 5.72-6.95m. Increased phyllic alteration and oxidation. Red-brown specks (<0.5cm) present - hematite(?). Finely disseminated pyrite present.
			12.19	12.37	0.18		DKGN	EN?	tw			f	pro	w					tw	tw							Possible phyllic and propylitic envelope to diffused quartz veinlet. Slight increase in sulphides.
															VT?	50	~2										
			15.24	15.67	0.43					m?						75											Interval of crumbled core rock, more intense clay alteration(?).
			17.58	18.78	1.20		GN		w				pro	w					tw	tw							Increased phyllic and propyltic alteration. Disseminated pyrite noted.
			20.81	21.57	0.76		LTBN		tw	tw		f															Weakly bleached phyllic zone, likely envelope to several quartz-carbonate veinlets. One sulphides veinlet noted, dominantly pyrite with trace chalcopyrite.
							TNWH								VT	45	<0.7	4	tw	tw	t?			Cp	t		
			23.47	26.52	3.05																						POOR RECOVERY ZONE - NO RECOVERY FOR 2M. Lower "contact" for this unit likely lost.
26.52	35.07	8.55				GRD				m		f			FLT?												Altered granodiorite (fault); Moderate-strongly clay altered, gougey, broekn granodiorite - possilbe fault zone(?). Decreased oxidation from unit uphole. Strongly fractured with approximately 30% shattered core rock. Locallized zones of various alteration types including phyllic and propylitic.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VT	40	<1	3?									Difficult to deteremine veining density but possible quartz-carbonate veinlets noted with weak envelopes.
																			t								Fine-medium disseminated sulphides scattered throughout in trace amounts.
			26.52	28.69	2.17		BN		f			m															Phyllic altered zone with strong pervasive oxidation. Possible veining. No changes to sulphide content.
															VT	~60	<0.5	4?									
			27.49	28.09	0.60					m?																	At 27.49-28.09m, interval of curshed, crumbled core rock, moderate clay content.
			28.69	29.46	0.77	APL?				ms					DY	<20											Possible low angled aplite dyke. Very weak rock, clay rich.
			30.05	31.00	0.95		WH/EN		f	m									tw								Bleached interval with moderate phyllic alteration. Slight increase in disseminated sulphides.
			32.53	35.07	2.54		DKGN			m		f	pro	tw					tw	tw							Increased propylitic alteration in fractured, broken interval with low angled (<20° to core axis) fractures. High clay content, weak core rock. Disseminated pyrite present.
35.07	48.70	13.63				GRD	PUBN	MO	t	ms		w	hem	f	FLT?												Altered granodiorite (fault); Similar to unite immediately uphole at 26.52-35.07m. Moderate-strong clay, gougey broken granodiorite. Purple colouring - possibly hematite stained/altered. Core rock is blocky, shattered an crumbled - fault(?).
															VT	35-50		4?									Low-moderate veining density, difficult to deteremine density due to borkeness of core rock.
																			t								Rare-trace sulphides noted. Dark grey clots may be crushed sulphides(?).
			36.96	37.48	0.52		LTGN	MO	w	m			pro	tw					tw								Phyllic and propylitic altered zone. Low angled (<20° to core axis) fractures. No changes to sulphide content.
			38.42	39.46	1.04		BN	MO	tw	m		f			GO				tw				t?				Strongly oxidized interval with moderate clay content. Dark grey clots present, possible galena.
			40.55	41.45	0.90		BN	MO	tw	m	t?	t			GO				tw								Similar to 38.42-39m. Oxidized and phyllic altered, possible weakly silicified(?). High clay content, clay supoorted crumbled core rock. Disseminated sulphides.
			42.18	43.77	1.59		TNBN	BX?		s		f							tw	tw							Strongly clay altered, gougey core rock - clay supported breccia. Fine dissemianted sulphides noted.
			43.77																								Decreased hematite staining (purple colouring) from 43.77m to end of unit.
			44.81	45.04	0.23		GY								GO	25											"Vein gouge" [similar to Pica vein?]. Smeared grey gouge.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
48.70	52.92	4.22				GRD	BN	MO		s		f			FLT?				t								Mixed granodiorite and dyke (in fault?); Siimilar to unite uphole at 26.52-35.07m. Clay altered granodiorite with patches that appear to be a silicified dyke. Core rock in this unit is blocky and shattered. Fine disseminated sulphides, rarely noted.
						MAF					w				DY?	40											
52.92	53.95	1.03				FEL	BFGY	FG			m	tw			DY	65											Felsic, siliceous fine grained dyke; Light-medium grey fine grained siliceous dyke. Irregular carbonate stringers common along with white quartz veinlets. Rare sulphides noted in quartz veinlets.
							BFGY								VT	65	<0.2	5						Cb			
							WH								VT	45	<0.7	4	tw								
53.95	56.13	2.18				FLT?	TNBN	BX?		s		w			GO	30			t?								Fault zone(?); Possible "vein gouge" [similar to Pica vein]. Brown-grey clay with small indistinguable fragments (<0.5cm). Dark grey band - possible sulphides(?).
56.13	57.64	1.51				FEL	BFGY				m	tw			DY	30											Siliceous dyke(?); Similar to 52.92-53.95m. Felsic, fine grained siliceous dyke. Narrow irregular stringers commonly noted. Rare sulphides.
															VT	40	<0.2	5									
			56.62	57.00	0.38		BN	BX?		s		w			GO	45											Similar to 53.95-56.13m. Possible "vein gouge"(?) but likely strongly clay altered dyke unit.
57.64	59.95	2.31				GRD	LTGN		w	tw					FX	40-50		12									Phyllic granodiorite; Weakly phyllic altered granodiorite with minor argillic overprint. Core rock is blocky and weakly shattered. Gougey lower contact.
							WH								VT	45	<0.2	1									Low veining density, narrow white carbonate veinlets noted. Discontinuous dark green veinlets also present - chlorite(?).
							DKGN								VT	45	<0.5	2						Cl			
								DI											t	t							Rare-trace pyrite noted in locallized zones, often in areas of increased clay alteration or veining structures.
			59.09	59.20	0.11										DY?	55			tw								Fine grained silicified dyke(?). Sligh increase in disseminated sulphides.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
59.95	63.93	3.98				POR	TNBF	PO		w			pro	t?	DY	50											Porphyritic dyke; Tan-green, clay and weakly propylitic quartz-feldspar porphyritic dyke. Locally with increased clay alteration and granular gouge zones. Minor gouge/clay noted on fracture surfaces. Core rock is weakly competent with fractures and intervals of shattered core rock. Narrow irregular carbonate veinlets are commonly noted throughout this unit. no significant sulphides.
															VT	20-30	<0.5	6									
			61.04												VT	20	0.3		t			t	t				Carbonate veinlet bearing specks of black sphalerite and rare galena.
63.93	64.37	0.44				BXA	DKGY	BX			w				C	45			w	w			t				Breccia; Dark grey breccia matrix with angular clasts of granodiorite (<2cm across). Weak-moderate silicified at the downhole contact. Dissminated sulphides noted throughout the matrix.
64.37	65.76	1.39				FLT?	GNGY			s					c				t	t							Faulted contact(?); Strongly clay altered, gougey faulted(?) contact between porphyritic dyke and granodiorite unit downhole. Difficult to determine orientation. Core rock is weak and comprised mostly of clay and grey gouge. Finely disseminated sulphides are noted in grey gouge zones.
65.76	82.36	16.60				GRD	GY		t				pro	tw	FX	40-60		3									Granodiorite; Very weakly porpylitic altered granodiorite with locallized zones of phyllic alteration, generally associated with veining strcutrus. Fairly competent core rock with minor fracturing.
															VT	60-70	<1	3									Low-moderate veining density. Banded quartz-carbonate veinlets often have associated envelopes and may carry sulphides. Decreasing density moving downhole.
																											Rare disseminated sulphides, generally in locallized zones and occasionally carried in veining structures.
			65.76	66.10	0.34		LTGN		w						VT		<0.2		t	t							Phyllic zone, likely due to contact with uphole unit. Trace sulphides in discontinuous stringers.
			66.31	66.45	0.14		GN/PK	FG	s?																		Fine grained green and pink interval. Zone of intense phyllic alteration(?). One narrow carbonate veinlet noted.
															VT	60	0.2										
			68.07	68.32	0.25		LTGN	EN	w				pro	w					t								Zoned phyllic and propylitic envelopes to anded quartz-carbonate veinlet bearing polymetallic sulphides.
							GY/MT	BN							VT	55	0.7			w		tw	t				
			68.52	68.66	0.14		LTGN	EN	w																		Similar to 68.07-68.32m.
							BFGY								VT	60	0.3			tw		t					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			68.81	68.96	0.15	APL	PK						pot		DY	60											Aplite dyke/potassic flooded zone
			69.23			APL	PK								DY	75	1.5										Aplite dyke
			69.33	69.58	0.25	APL	PK						pot		DY	40											Aplite dyke/potassic flooded zone
			70.02	70.38	0.36		LTGN	EN	tw				pro	tw					t								Similar to 68.07-68.32m. Two veinlets noted in this interval.
							GY/WH	BN							VT	75	0.5	2		tw							
			76.53	77.36	0.83		LTGN		tw				pot														Weakly phyllic and potassic altered zone. Several narrow dark green veinlets noted. Trace pyrite noted with possible chalcopyrite. Hematite at lower broken contact.
							DKGN								VT	60-70	<0.1	5		tw				Cp	t?		
			79.78	80.23	0.45		LTGN	EN	w	tw			pro	tw					t								Similar to 68.07-68.32m. Phyllic with minor propylitic and clay altered envelopes surrounding a diffused quartz veinlet.
							GY								VT	80	~0.7			tw							
			80.84	81.21	0.37		GYGN		w				pro	tw					t								Similar to 68.07-68.32m. Trace sulphides in matrix.
							BFGN	BN							VT	75	0.3										
			81.65	81.87	0.22		GYGN		w				pro	t					t								Similar to 68.07-68.32m. Rare-trace sulphides.
							BFGN	BN							VT	65	0.2										
82.36	96.01	13.65				GRD	GY								FX	50-70		2									Granodiorite; Fresh granodiorite with low veining density and no significant sulphides. Minor fracturing.
			84.79	84.92	0.13		MDGN	EN	w				pro	tw					t	t							Weak-moderate phyllic envelope to banded quartz-carbonate veinlet. Trace disseminated sulphides present.
							BFWH								VT	80	0.7										
			87.03	87.14	0.11		DKGN	EN					pro	w													Porpylitic envelop to banded carbonate veinlet.
							WH	BN							VT	80	0.3										
			92.39	92.46	0.07	APL	PK								DY	20	5										Aplite dyke with diffused contacts/potassic flooded zone.
																											EOH @ 96.01m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-30

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.57	4.57	0.00	0	0.00	0				CASING
4.57	5.18	0.61	0.58	95	0.41	67	S	SW		
5.18	8.23	3.05	2.61	86	0.33	11	MS	HW		
8.23	11.28	3.05	2.86	94	0.75	25	MW	HW		
11.28	14.33	3.05	2.94	96	1.04	34	MS	HW		
14.33	17.37	3.04	2.84	93	1.00	33	MS	HW		
17.37	20.42	3.05	2.76	90	1.35	44	MS	HW		
20.42	23.47	3.05	2.89	95	0.76	25	M	HW		
23.47	26.52	3.05	0.85	28	0.00	0	M	HW		LOST 6.5"
26.52	29.57	3.05	2.66	87	0.65	21	W	HW		
29.57	32.61	3.04	2.87	94	0.75	25	W	HW		
32.61	35.66	3.05	2.74	90	0.27	9	W	HW		
35.66	38.71	3.05	2.89	95	0.77	25	W	HW		
38.71	41.76	3.05	2.52	83	0.10	3	MW	HW		
41.76	44.81	3.05	3.05	100	0.44	14	W	HW		
44.81	47.85	3.04	2.10	69	0.34	11	W	HW		
47.85	50.90	3.05	1.96	64	0.25	8	W	HW		
50.90	53.95	3.05	3.00	98	0.60	20	M	HW		
53.95	57.00	3.05	3.00	98	0.24	8	W	HW		
57.00	60.05	3.05	2.37	78	0.44	14	W	SW		
60.05	63.09	3.04	2.84	93	0.62	20	M	SW		
63.09	66.14	3.05	2.82	92	0.55	18	M	SW		
66.14	69.19	3.05	3.05	100	1.30	43	M	FR		
69.19	72.24	3.05	3.07	101	0.19	6	S	FR		
72.24	75.29	3.05	3.09	101	2.17	71	S	FR		
75.29	78.33	3.04	2.88	95	1.84	61	VS	FR		
78.33	81.38	3.05	3.00	98	1.26	41	M	FR		
81.38	84.43	3.05	3.00	98	1.37	45	S	FR		
84.43	87.48	3.05	2.94	96	2.23	73	M	FR		
87.48	90.53	3.05	2.85	93	2.58	85	M	FR		
90.53	93.57	3.04	3.10	102	1.56	51	W	FR		
93.57	96.01	2.44	2.49	102	1.69	69	S	FR		
EOH @ 96.01m										

SAMPLE LOG

HOLE: KL-11-30

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.57	4.57		0	N/S						Casing - no recovery
4.57	8.72	4.15	3.94	95	K270146	1					
8.72	10.50	1.78	1.68	94	K270147	1					
10.50	12.37	1.87	1.72	92	K270148	1					
12.37	15.67	3.30	3.16	96	K270149	1					
15.67	18.78	3.11	2.73	88	K270150	1					
18.78	21.57	2.79	2.82	101	K270151	1					
21.57	26.52	4.95	2.52	51	K270152	1					
26.52	29.46	2.94	2.59	88	K270153	1					
					K270154	1					Standard: CDN-ME-16
29.46	32.53	3.07	2.97	97	K270155	1					
32.53	35.07	2.54	2.46	97	K270156	1					
35.07	38.42	3.35	2.73	81	K270157	1					
38.42	42.18	3.76	3.47	92	K270158	1					
42.18	43.77	1.59	1.61	101	K270159	1					
43.77	45.04	1.27	1.26	99	K270160	1					
					K270161	1					Standard: CDN-ME-16
45.04	48.70	3.66	2.53	69	K270162	1					
48.70	52.92	4.22	3.49	83	K270163	1					
52.92	53.95	1.03	0.95	92	K270164	1					
53.95	56.13	2.18	2.20	101	K270165	1					
					K270166	1					Blank
56.13	57.64	1.51	1.55	103	K270167	1					
57.64	59.95	2.31	1.86	81	K270168	1					
59.95	63.93	3.98	3.70	93	K270169	1					
63.93	65.76	1.83	1.63	89	K270170	1					
					K270171	1					Blank
65.76	69.70	3.94	3.74	95	K270172	1					
69.70	74.00	4.30	4.18	97	K270173	1					
74.00	78.00	4.00	3.99	100	K270174	1					
78.00	82.36	4.36	4.26	98	K270175	1					
					K270176	1					Duplicate
82.36	86.00	3.64	3.50	96	K270177	1					
86.00	90.00	4.00	3.84	96	K270178	1					
90.00	93.00	3.00	2.81	94	K270179	1					
93.00	96.01	3.01	3.15	105	K270180	1					EOH @ 96.01m

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-30

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				CASING
2.00				CASING
3.00				CASING
4.00				CASING
5.00			3.545	
6.00			0.231	
7.00			0.74	
8.00			8.2	
9.00			0.342	
10.00			0.412	
11.00			2.486	
12.00			4.906	
13.00			2.047	
14.00			18.49	
15.00			5.823	
16.00			19.71	
17.00			21.31	
18.00			0.504	
19.00			16.22	
20.00			13.95	
21.00			0.374	
22.00			0.814	
23.00			5.625	
24.00				NO RECOVERY
25.00				NO RECOVERY
26.00			3.483	
27.00			1.683	
28.00			6.086	
29.00			7.109	
30.00			1.495	
31.00			8.906	
32.00			7.819	
33.00			1.056	
34.00			0.33	
35.00			0.933	
36.00			0.418	
37.00			0.351	
38.00			0.221	
39.00			0.685	
40.00			0.733	
41.00			0.345	
42.00			0.196	
43.00			0.144	
44.00			2.921	
45.00			0.183	
46.00			0.218	
47.00			1.84	
48.00			0.224	
49.00			0.922	
50.00			0.181	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.152	
52.00			0.155	
53.00			0.169	
54.00			0.186	
55.00			0.283	
56.00			2.341	
57.00			0.201	
58.00			0.942	
59.00			0.214	
60.00			0.235	
61.00			0.22	
62.00			0.197	
63.00			0.185	
64.00			0.244	
65.00			0.256	
66.00			0.432	
67.00			2.384	
68.00			17.71	
69.00			9.568	
70.00			8.629	
71.00			16.97	
72.00			8.827	
73.00			14.3	
74.00			20.86	
75.00			9.507	
76.00			17.01	
77.00			0.543	
78.00			19.98	
79.00			6.376	
80.00			0.385	
81.00			2.706	
82.00			11.01	
83.00			7.933	
84.00			13.16	
85.00			13.36	
86.00			13.07	
87.00			10.8	
88.00			19.09	
89.00			8.452	
90.00			14.45	
91.00			118.15	
92.00			17	
93.00			19.28	
94.00			20.56	
95.00			1.391	
96.00			11.54	
EOH @ 96.01m				

BOX LOG

HOLE: KL-11-30

BOX	FROM (m)	TO (m)
1	0.00	9.10
2		14.73
3		20.59
4		28.45
5		33.95
6		40.06
7		45.46
8		52.31
9		57.74
10		63.43
11		69.00
12		74.17
13		79.74
14		85.49
15		91.49
16		96.01
EOH @ 196.01m		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382785.27	6890126.6	1379.745	410.2

SECTION:

HOLE: KL-11-31

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (EOH)

Casing depth: 3.19 (m) in / **out**

Drilling dates: July 04 - 14, 2011

Geology logged by: X. Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.19	3.19	CAS	Casing
3.19	108.09	104.90	GRD	Majority of interval is weak propylitic altered GRD;
				patches of unaltered GRD, minor argillic altered patch
				and phyllic envelopes around infrequent Qz/Ch veinin
				Shallow Cb veining common.
108.09	190.92	82.83	GRD	Weak to moderate propylitic altered GRD with freque
				grey/white translucent Qz veins and orange/white
				milky Ch veins with phyllic envelopes. Mineralization
				in grey/white Qz veins
190.92	191.28	0.36	C; BXA	Contact between GRD and FEL PO. Top is blk brecci
				smoky Qz rich, bottom is flow banded FEL PO and G
191.28	197.95	6.67	FEL	Quartz-feldspar porphyry
197.95	208.60	10.65	GRD	Patchy mod-strong propylitic altered GRD with phyllic
				envelopes around white Ch, grey Qz (diss Py) veins
208.60	219.32	10.72	FEL	Quartz-feldspar porphyry
219.32	221.00	1.68	GRD	Strong phyllic alt. GRD with mineralized veins & brec
221.00	222.40	1.40	FEL	Quartz-feldspar porphyry
222.40	231.72	9.32	GRD	Light green mod phy. alt. GRD crosscut by blk breccia 'dykes.' Grey/white Qz and OR/WH milky Qz
231.72	242.51	10.79	FEL	Quartz-feldspar porphyry
242.51	281.28	38.77	GRD	Patchy altered GRD, propylitic with phyllic envelopes
				around Qz/Ch veins
281.28	281.72	0.44	FEL	Quartz-feldspar porphyry
281.72	292.24	10.52	GRD	Patchy altered GRD, blk breccia and mineralized Qz VN
292.24	293.42	1.18	FEL	Quartz-feldspar porphyry
293.42	341.08	47.66	GRD	Phyllic dominated altered GRD with freq Qz/Ch veining
341.08	366.55	25.47	MAF	Patchy mafic and felsic footwall 'dyke'
366.55	369.73	3.18	GRD	Phyllic altered GRD
369.73	410.20	40.47	MAF	Mafic porphyry with Py replaced phenocrysts "footwal

SAMPLES

Numbers:

Total:

Batch:

Date Sent:

Certificate:

COMMENTS

410.20m EOH

GEOLOGY LOG

HOLE: KL-11-31

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.19				0.00	CAS	ORBN	CR		m		s															Crumbled orange brown, strong pervasive oxidized moderate clay altered GRD
3.19	12.40					GRD	GYGF	MG		w			pro	wm	FX	50		4						Li	30		Dark grey/green weak to mod propylitic altered GRD with frequent oxidized fractures-limonite staining-also pervasive oxidation in more clay altered GRD
							DK(OR)																				
12.40	24.43					GRD	WHG	PA		ms		m												Li	15		Patchy argillic altered GRD and three phyllic envelopes around veins/vein zones. Argillic alteration is mostly kaolinite, but infrequent patches of montmorillonite exists, very crumbled
							OR																	Go	5		
			12.84	14.29		GRD	GRMI	EN	ms											s				Li	s		Phyllic altered GRD with frequent veins described below. Li and Go oxidation in fractures. Diss Py pervasively
																								Go	m		
			13.21	13.26		VEN	BRMT	MA							VN	90	5			75	m	f					Massive Py>As>Sp (honey brown) vein with grey white translucent Qz existing where sulphides don't
								XT																			
			13.42	14.05		GRD	GROI	NT	s						VN	90	1	2				w	w	He	m		Strong phyllic altered GRD with diss and blebs of Py crosscut by sulphides (Gn>Sp) veins @ 90°. These veins are cross cut by netted, white, milky Qz veinlets, some vuggy. Vuggy areas are strong limonite stained and often contain Go.
								VN																Go	m		
																								Li	s		
			15.26	15.28		VEN	BKOF	BN				s			VN	40	2	1						Gn	40		Grey/white Qz? Vein-very oxidized with Li and Go staining. Gn blebs present in vein trend.
																								Go	w		
																								Li	15		
			17.70	18.95		GRD	GRLT	MGEI	w				pro	ms					n								Light green strong propylitic, weak phyllic altered GRD enveloping a vein:
			17.95	18.02		VEN	WHG	BN				s			VN	50				w				Li	f		Grey/white translucent Qz vein (60% of vein) with Li, Go, and He staining. Very fine grained diss Py. Top 0.5cm of vein is gouged (fault?)
							OR																	He	f		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
																								Go	w		
			18.43	18.67		GRD	BKOF	MG	w?			s	pro	ms										Go	60		Black and orange, pervasive Go and Li stained weal phyllic and mod/strong propylitic altered GRD
																								Li	m		
			19.56	24.37		GRD	WHG	EN		s		ms															Strong clay altered GRD envelope-montmorillonite? Both ends of envelope ~23cm.
			19.75	24.13		GRD	GRLT	EN	w?			wm	pro	ms													Light green strong propylitic, weak phyllic altered GRD enveloping a vein:
			22.84	23.16		VEN	ORW	VU			s	s							n					Li	s		Vuggy, netted white and smokey Qz vein with very strong oxidation and silic flooded. Secondary carbonate in filled crosscutting fractures. No visible sulphides.
								NT							VN	55								Cb	w		
24.43	39.52					GRD	GRG\	MG				w	pro	wm	VT	45-45								Cb	w		Dark green/grey weak to moderate propylitic altered GRD with sub intervals of alteration. Oxidation in fractures only. Shallow-mod/steep fractures, Cb filled
			25.05	25.91		GRD	GRLT	MG	s						VT	60		8						To?	wm		Light green phyllic altered GRD with diss Py, silver metallic Se and possible To. Crosscut by ~60° grey/white translucent Qz, Li and Go staining in veinlets
								DI												f				Se	wm		
																								Li	w		
																								Go	w		
			25.40	25.45		FLT?	ORW	CR		s		s			FT	90											Light orange/white clay altered fault?
			28.00	33.12		GRD	GRLT	MG	w			w	pro	ms						t							Light green strong propylitic and weak phyllic altered GRD with trace diss Py. Cross cut by white, milky Qz veinlets, weak oxidation in fractures.
															VT	0-90	<1	4						Qz			
			30.43	30.89		APL	GRTN	FG				w			DK	40			n								Fine grained patchy green/tan Aplite dyke weak oxidation in fractures.
			31.53	31.79		GRD	GYGF	VN	w				pro	s													Light green strong propylitic alteration and weak phyllic altered GRD cross cut by grey breccia veins with 5-7% diss Py and black To? @ 55° with diss Py.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
							BK	BX							VN	60				m							
								BX							VN	55				m				To?	90		
			32.62	32.63		VEN	WHM	BL							VN	70				ms		w	t				Grey/white translucent Qz with blebs of Py, Sp, and Gn
			32.98	32.99		VEN	WH	FG							VN	90	1			w							White, milky Qz vein with blebs of Py
			35.31	39.04		GRD	GRMI	MG	w?				pro	ms													Light green, mod/strong propylitic and weak phyllic altered GRD
			35.65	36.44		GRD	GRMI	MG	wm						VT	60		12		wf							Phyllic altered envelope around frequent orange/white milky Qz veinlet
			.																								
			37.75	37.76		VEN	WHPI	FG							VN	60	1		n								Milky white/pink Qz vein with trace diss Py adjacent to vein
								DI												t							
			37.93	37.94		VEN	WHPI	FG							VN	60	1										Milky white/pink Qz vein; no visible sulphides
			38.16	38.22		VEN	WHBI	NT							VN	60				w	t?	t	t				Smoky Qz vein with 1-3% Py, trace Gn, honey brown Sp, possible trace As, in diss and blebs. This vein is cross cut by a netted white/grey/stained orange milky Qz with vuggy nature and contains brecciated clasts of grey, translucent Qz. 0.4 cm Py veinlet 4 cm below this vein in the same orientation.
			38.36	38.41		VEN	WH	VU							VN	~60											Vuggy, white/pink chalcedony vein, slight brecciated texture, large (1-2cm) vugs. Trace diss sulphides run adjacent to vein.
								DI												t		t	t				
			38.90	38.94		VEN	MTW	BN							VN	80				w		10	50				Majority of vein is Gn with blebs of honey brown Sp and minor blebs of Py. Top of vein is orange stained white milky Qz/Ch. Trace diss Py adjacent to vein.
								BL																			
39.52	55.27					GRD	GYMI	MG																			Relatively unaltered GRD with subintervals of veins with respective alteration envelopes.
			43.58	43.81		GRD	GRLT	EN	w				pro	s						t		w					Strong propylitic, weak phyllic enveloping a grey/white translucent Qz veinlet with blebs of honey brown Sp and Py
															VN	80											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			50.29	50.55		GRD	GRLT	EN	w				pro	s					t								Strong propylitic, weak phyllic alteration envelope with trace diss Py closer to vein.
								DI																				
			50.35	50.40		VEN	WHM	BN							VN	0	5			m		w	m					3 major bands in this vein, top to bottom: 1) 1.5 cm grey/white translucent Qz vein containing 15% blebs of Py with trace Gn and honey brown Sp 2) 2 cm orange/white milky Qz breccia with 1-2 mm clasts of rounded smoky Qz ~15% blebs of Gn, trace Py 3) 1.5cm is orange/white chalcedony with vugs filled by white Cb
55.27	72.89					GRD	GYGF	MG					pro	wm	VT	60		3						Cb				Weak to moderate propylitic altered GRD cross cut by ~60% fractures filled by white Cb. Large intervals of Qz veins-relatively frequent.
							DK																					
			56.56	60.40		GRD	GRLT	EN	w				pro	ms														
															VT	60-80		4						Ch/Qz				Light green mod-strong propylitic alteration envelope around multiple veins/veinlets. Weak phyllic alteration grading to mod phyllic closer to veins. Very minor patches of argillic alteration. Veins described below. Veinlets are dark grey smoky Qz and white/orange milky Qz. Trace diss Py adjacent to veins.
								DI												t								
			57.58	57.64		VEN	SIWH	BN							VN	75				f		f	s					Banded vein with smoky Qz existing with blebs of Gn, honey brown Sp, and Py. Gn>Sp>Py. Slight brxx texture in orange/white milky Qz veinlets with 1-3mm rounded clasts of medium grey Qz.
							GY																					
			58.10	58.30		FLT?	ORBI	CR				s			FT	~90												Crumbled, strongly oxidized GRD possible fault'
			58.41	58.45		VEN	WHG	BN							VN	70				w		w	f					Dark grey, smoky Qz hosting blebs of Gn, honey brown Sp and Py enveloping an orange/white chalcedony vein, with vugs filled with white Cb
								VU																				
			59.86	60.03		GRD	ORGF	VN				ms			VT	70	<1	4	n									Weak phyllic altered GRD with orange/white milky Qz veinlets, slight netted texture. Also smoky Qz with white Cb exists. No visible sulphides, but trace diss Py in GRD.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								NT												t							
			60.81	61.53		GRD	WHG	MG		m																	Moderate argillic-montmorillonite-Cb flooded-altered GRD.
							PK	CR																			
			66.86	67.00		GRD	WHG	MG		m																	As above
							PK	CR																			
			67.15	72.89		GRD	GRLT	EN	w				pro	s													Strong propylitic alteration envelope-light pistachio green colour- grading to phyllic alteration within 10cm of vein. Frequent vein zone. Trace diss Py adjacent to veins.
							PI	DI											t								
			67.42	67.44		VEN	WHPI	VU							VN	40				w		w	t				White pink vuggy chalcedony Qz with smoky Qz vein parallel, hosting blebs of diss Py, honey brown Sp and trace Gn
								DI																			
			68.09	68.22		VEN	WHG	BN							VN	80				w		w	w				Banded, brecciated, vuggy vein of multiple textures and compositions. 50% of vein is banded, white/pink chalcedony with vugs containing euhedral rose crystals. This Ch brecciated the pre-existing? Grey/white translucent Qz vein which hosts blebs of Py and honey brown Sp and trace Gn. Dark grey smoky Qz bands host majority of sulphides: Gn, honey brown Sp and Py. White Cb veinlet cross cuts this vein ~10˚ also fills possible previous vugs
								BX																			
								VU																			
			68.99	69.40		GRD	PKWI	MG		ms									n								Mod/strong pink argillic alteration-kaolinite- GRD. No VT or sulphides.
			69.97	70.06		VEN	WHO	BN							VN	55											Banded vein with 3.5 cm vuggy white Cb, 3 cm orange/white chalcedony vein with inclusions of smoky Qz, bottom 2.5cm is grey/white translucent Qz with trace diss Py.
							GY	DI												t							
								VU																Cb			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			70.79	70.91		VEN	WHG	BN							VN	55				s		w					Banded vein, top to bottom: 0.5cm orange/milky Qz, majority filled with diss Py, 4 cm grey/white translucent Qz with blebs of Py and honey brown Sp, 2.5 cm smoky Qz with 80% filled with diss Py, 0.5cm white Cb crosscutting at ~60˚. Rest of vein is netted orange/white milky Qz.
							OR	VU																			
			71.19	71.29		VEN	GYM	BN							VN	50				f	w	f	t				Banded vein, top to bottom: 3cm of smoky Qz and orange/white milky Qz cross cut by white Cb veinlets. 6cm of grey/white translucent Qz hosting blebs of Py, As, Sp (honey brown) and minor Gn. Bottom 1cm is white Cb.
								BL																			
								VU																			
			71.44	71.47		VEN	GYDI	BN							VN	90				w		w	t				Banded vein of dominant dark grey/white translucen Qz hosting diss Py, Gn, honey brown Sp. Also 4mm band of orange/white chalcedony filled with white Cb
			72.10	72.20		VEN	WHM	BN							VN	80-90				w		t	f				Banded vein of orange/white chalcedony netted around grey/white translucent Qz. Lenses/blebs of smoky Qz exist with the orange/white Ch. Brecciated broken bands of orange/white Ch are surrounded by white Cb. Diss and small blebs of sulphides are hosted by grey/white Qz. Vugs exist with banded orange/white Ch. Smoky Qz often has a red/brown lens of stained? Qz
								NT																			
								BX																			
								VU																			
72.89	90.42					GRD	GYM	MG					pro	vw	VT	80-90		2						Cb			Relatively unaltered GRD, possibly very weak propylitic alteration. Infrequent white Cb veinlets
			72.89	74.02		GRD	GYG	MG					pro	w													Slightly stronger propylitic altered GRD possibly from alteration due to vein in 72.10-72.20m
							MD																				
90.42	108.09					GRD	GYG	MG					pro	w	VT	80-90		2						Cb			Med/dark grey/green weak propylitic altered GRD with large (>1m) alteration envelopes around Qz/Cb veins. Cb veinlets 2/m
							MD																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			91.15	93.03		GRD	GRPI	EN	w				pro	s														Light epidote green strong propylitic altered GRD grading to w-m phyllic altered GRD 6cm on either side of vein
							LT	DI												t							
			91.34	91.51		VEN	WHM	BN							VN	90				ms	w	s	ms				Grey/white translucent Qz dominated vein hosting blebs of diss Py, As, honey brown Sp, and Gn. Vugs exist in white/orange Ch, often existing with elongated euhedral calcite. White/orange Ch exists as discontinuous lenses in ~90° orientation. White/orange Ch cross cuts grey/white translucent Qz and rips up "wall rock" within the vein
								VU																			
								BX																			
			93.71	93.89		GRD	GRLT	EN					pro	s						w		t	t?				Strong propylitic altered GRD enveloping 2 white/orange milky Qz veinlets. One hosts blebs of Py and trace Sp and Gn?
			97.01	97.16		GRD	GRLT	EN					pro	m	VT	65	<1	3	n								Mod propylitic alteration around 3 off white milky Qz veinlets
			98.90	100.81		GRD	GRLT	EN		w			pro	ms	VT	60-85	<1	4									Light green/beige mod/strong propylitic alteration and weak argillic-kaolinite- altered GRD enveloping 2 veins and 6 veinlets of white/orange milky Qz
			99.38	99.40		VEN	WHG	BN							VN	90	2										Off white Ch and grey translucent Qz with trace diss Py along outer margins
								DI																			
			100.62	100.67		VEN	WHO	BN							VN	85											Majority is white/orange chalcedony vein with lenses of grey translucent Qz, in a broken fashion. Cross cut by shallow white Cb veinlet (0-5° tca)
								VU																			
			103.67	104.10		GRD	GRLT	EN					pro	s													Strong propylitic envelope grading to w-m phyllic 3 cm from vein
							DI	DI												t							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			103.88	103.92		VEN	PKWI	BX							VN	90												Pink/white banded Ch with white Cb filling previous? Vugs. 2/3 of vein in Ch with brxx clasts of grey/white translucent Qz, and phyllic altered GRD hosting trace diss Py. Clasts are generally elongated and up to 4 cm Qz rich clasts are rounded-sub angular.
								BN												t							
			107.90	108.09																							
						GRD	GRLT	EN					pro	ms														
								DI							VT	90	1	2		w							Light green mod/strong propylitic altered GRD enveloping 2 beige/white Ch and grey/white translucent Qz veinlets with elongated blebs of diss Py. Zone is cross cut by shallow white Cb veinlet
108.09	126.17					GRD	GYGF	MG					pro	vw	VT	25		1						Cb			Grey/green very weak propylitic altered GRD, but relatively unaltered GRD with shallow white Cb veinlets and steeper white Qz veinlets
							MD								VT	70								Qz			
126.17	130.01					GRD	GRLT	EN	wm				pro	s													Light pistachio green strong propylitic altered GRD enveloping a grey/white translucent Qz vein hosting sulphides and white/orange Ch in filled with white Cb vein with ~15cm phyllic envelopes described below:
			127.00	127.26		GRD	GRMI	EN	ms						VT	55	<1	3		s			w				Mod/strong phyllic enveloping 2 off white Ch veinlets. Areas of sparse and frequent diss Py. One veinlet has brecciated clasts of "wall rock" --phyllic altered GRD containing trace diss Py
								DI																			
			128.17	128.33		GRD	GRMI	EN	m						VT	55	<1			f		t	t				Mod phyllic envelope around 0.5 cm off white Ch veinlet with 1-4mm breccia clasts of surrounding "wall rock"--phyllic altered GRD. 3-5% diss Py and trace Gn and honey brown Sp pervasively
			128.78	128.92		GRD	GRMI	EN	m				Ser	wm	VT	90	3			m				Se	f		Mod phyllic envelope with w-m sericitic alteration around grey/white translucent Qz and white milky Qz vein hosting diss and blebs of Py. Diss Py pervasive in sub interval
130.01	160.55					GRD	GYMI	MG							VT	30		1						Cb			Relatively unaltered GRD with shallow white Cb veinlets and rare steep white Qz veinlets
															Vt	65		<1						Qz			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			135.95	136.12		GRD	GRMI	EN					pro	m	VT	55	<1		n								Mod propylitic envelope around 2 off white Ch veinlets with 1 white Cb veinlet
			141.53	143.39		GRD	GRMI	EN					pro	w													Weak propylitic altered GRD
			141.80	142.08		GRD	GRLT	EN	w				pro	ms	VT	85				t							Mod/strong light pistachio green envelope around a white/pink Ch veinlet with 1-3mm breccia clasts of phyllic altered RD. Trace diss Py within clasts and 3mm adjacent to veinlet.
			155.00	155.91		GRD	GRMI	MG	w						VT	'5-90	<1	10		w							Weak phyllic altered GRD with frequent Py stringers hosted by grey translucent Qz
			157.30	137.45		GRD	GRDI	EN	w				pro	w	VT	85	1	1		w							Weak propylitic and weak phyllic alteration envelopes around a white translucent and milky blebby Qz veinlet hosting blebs of Py and diss Py adjacent to vein
160.55	190.92					GRD	GRG\	PA							VN	90		1									Weak to mod propylitic alteration hosting frequent white/orange milky Qz veinlets and grey/white translucent Qz with frequent mineralization and respectful alteration envelopes. Approx 1 vein/m and 5 veinlets/m
							GRLT	VN							VT	90		5									
			161.03	161.43		GRD	GRDI	EN					pro	s													Light pistachio green strong propylitic altered GRD enveloping a vein:
							LT																				
			161.29	161.32		VEN	ORW	BN							VN	88				m		t					White/orange milky Qz/Ch dominated vein with minor netted texture with a band of grey/white translucent Qz vein hosting blebs of Py and trace Sp
							GY	BL																			
			161.63	161.77		GRD	DIGR	EN					pro	ms	VT	90	1			t							Light pistachio green mod-strong propylitic altered GRD enveloping a grey/white translucent Qz veinlet Trace diss Py
							LT																				
			162.11	164.20		GRD	GRLT	PA					pro	wm						t				Se	t		Patches of strong propylitic alteration; moderate phyllic alt, and w/m argillic-kaolinite-alteration enveloping grey/white translucent Qz veinlets, orange/white Ch, and breccia "vein" described below. Metallic Se present. Trace diss Py present up to 10cm from veins described below.
							MD	EN																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			162.50	162.68		BXA	GRDI	BX							VN	90				w			t				Smoky Qz breccia 'vein' with netted texture. Matrix is grey/white milky feldspar? Alters to clay. Diss Py fills fractures between clasts. Clasts of angular 0.1-1.0cm
								NT																			
			162.92	162.95		VEN	GYDI	BN							VN	65	2			ms	t	w	w				Bands of veinlets: Smoky Qz hosting diss Py, trace As, Gn and honey brown Sp. Also white Cb lens
							MT	BL																			
								DI																			
			164.69	165.21		GRD	DIGR	EN					pro	m	VT	60-90	<1	10		t				Se	t		Mod Phyllic altered GRD with frequent white and off white milky Qz veinlets. Trace diss Py in one grey/white translucent Qz. Trace He and Metallic Se.
							LT																	He	t		
			166.03	166.80		GRD	GRMI	EN	w				pro	m						t							Mod propylitic altered GRD envelope with weak phyllic altered adjacent to vein
			166.28	166.39		VEN	MTW	BN							VN	85			50	5	15	15	15				Banded metallic mineralized vein hosted in grey/white translucent Qz. First 7cm from top is massive banded sulphides, Gn>Sp>As>Py (honey brown Sp) with minor lenses of grey/white translucent Qz. Remainder is off/white slightly flow banded chalcedony with slight brecciated inclusions of smoky Qz hosting trace diss Py.
			167.48	172.31		GRD	GRBC	PA	15	20			pro	65													Patchy alteration zones around milky Qz veinlets
			169.14	169.17		VEN	BNG\	BN							VN	75				t							Banded grey/white translucent Qz and brown/orange milky Qz cross cutting grey/white Qz
			175.04	175.47		GRD	PKGF	EN		m					VT	75		2	n					Qz	Cb		Pale pink green argillic-kaolinite-altered GRD enveloping 2 veinlets. Qz/Cb veinlets. Qz is orange/milky and Cb is white. No sulphides.
			176.00	177.85		GRD	PIGR	EN					pro	s	VT	80		5									Green pistachio strong propylitic altered GRD envelope around vein described below. Frequent milky and translucent Qz VT (orange/white)
							LT																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			176.51	176.61		VEN	GYM	BN							VN	85	10			ms	f	m	f				Smoky Qz and grey/white translucent Qz vein hosting parallel sulphide stringers
			178.16	178.96		GRD	PIGR	EN					pro	ms						t							Light pistachio green strong propylitic altered GRD enveloping 2 Qz veins hosting mineralization described below. Trace diss Py immediately adjacent to veins
							LT																				
			178.28	178.30		VEN	MT	BN							VN	65	2			45		10					Grey/white translucent Qz hosting blebs and bands of diss Py, honey brown Sp
								BL																			
			178.72	178.74		VEN	WHG	BN							VN	65	2			w		w	t				White milky Qz dominated vein with grey/white translucent Qz hosting blebs of Py, Gn and trace Sp
			179.52	180.67		GRD	PIGR	EN					pro	ms													Light pistachio green mod/strong propylitic altered GRD with frequent grey/white translucent Qz. Stringers orientated within 15cm of vein. GYWH Qz hosting Py, As, honey brown Sp and trace GN. Also orange/white milky Qz veinlets exist
															VT	'0-90		6		w	w	w		Qz			
															VT	70		4						Ch			
			179.78	179.83		VEN	GYM	BN							VN	88				ms		t					Grey/white Qz vein with white/orange milky Qz bands. Mineralization is hosted within grey/white Qz Sheared broken texture at bottom margin of vein-fault?
			179.81			FLT?		SH							FT	90											
			182.48	185.71		GRD	GRLT	EN	w				pro	ms													Light green mod-strong propylitic altered GRD with weak phyllic alteration around smoky Qz veinlets (infrequent)
								DI												t							
			185.11	185.18		GRD	GYDK	VN																			Three grey/white Qz veinlets with yellow/white Ch hosting diss Py cross cut by 65° smoky Qz hosting diss Py
			186.71	188.95		GRD	GRLT	EN					pro	ms													Light pistachio green mod -strong propylitic alteration enveloping grey/white translucent Qz veins with phyllic envelopes, described below:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			187.35	187.79		GRD	GRMI	EN	m											w				Se	t		Mod phyllic alteration envelope around vein hosting 1-3% diss-blebby Py. Trace metallic Se
								DI																			
			187.41	187.49		VEN	WHM	BN							VN	65											Grey/white translucent Qz dominated vein hosting blebby Py, honey brown Sp, fine-grained crystalline As, and blebs of Gn. Blebs generally follow trend of vein. Off white Ch veinlet at top of vein containing 1-4mm angular clasts of grey/white Qz
			187.33	188.26		GRD	GRMI	EN	m											w	t						Mod phyllic alteration envelope with diss Py and blebs enveloping vein:
			188.08	188.15		VEN	GYM	BN							VN	90				f	w			Gy	s		Grey/white translucent Qz vein @ 9℃ hosting fine grained diss Py, a crystalline white mineral-gypsum (no dissolution in acid). Vuggy pink/orange Ch with euhedral gypsum infilling
								BL																			
								VU																			
			189.95	190.92		GRD	GRLT	EN		w			pro	m													Mod propylitic altered GRD with minor kaolinite altered GRD enveloping the FEL PO contact
								MG																			
190.92	191.28					C	BKGF	BX							C	88											Contact between GRD and FEL PO. Top is black breccia, smoky Qz rich , bottom is flow banded FEL PO (and GRD) rich
							BGTN	FL																			
			190.92	191.08		BXA	BK	BX												f							Black breccia with sub angular-sub rounded clasts of altered GRD and clay altered FEL PO. Clasts range from 1mm-8cm. Matrix supported consisting of black fine grained sulphides? Diss and blebs of Py observed
191.28	197.95					FEL	TNGF	PO		wm					vt	65-90	<1	5									Weak-mod clay altered FEL PO with frequent off white/orange milky Qz veinlets with 0.5cm envelope of dark grey FEL PO - mineral?
197.95	208.60					GRD	GRLT	PA	wm				pro	wms													Patchy alteration of GRD, weak-mod-strong propylitic alteration with w-m phyllic alteration around veins. Frequent white/off white/orange Ch veinlet 65-80°, crosscut by shallow 30° white Cb veinlets. Blocks of grey/white Qz veins/veinlets hosting diss Py
							MDDK																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			198.28	198.43		BXA	BK	BX							DK	90				w							Black breccia 'vein'/'dyke' crosscutting strong propylitic altered GRD matrix supported with sub angular clasts 1mm-5cm of GRD. Diss Py throughout
			200.28	200.42		VEN	GYMI	FD			s				VN	65				t							Grey/white translucent Qz flooded area, little mineralization. One white/orange Ch veinlet at top o veiny area, which hosts breccia clasts? Of grey/white Qz
			200.71	200.87		VEN	GYM	BN							VN	75				f	f	ms					Dark grey, metallic banded vein with smoky and grey/white translucent Qz hosting mineralization veinlets of blackjack Sp, As, and Py
			201.28	201.33		VEN	GYW	BN							VN	85				t							Banded vein of white Qz, yellow Ch, grey/white Qz hosting diss Py
			201.56	201.58		VEN	BKGF	BX							VN	85				t							Smoky Qz vein with slight brecciated textures of GRD within vein. Diss Py
			201.94	202.30		FLT?									FT	?											Smoky Qz vein with slight brecciated textures of GRD within vein. Diss Py
			204.60			FLT?									FT	70											
			206.95	206.97		VEN	WHPI	BK							VN	65											Black vein of white Cb with pink/white Ch vein, minor vugs. Cross cut by:
			207.00	207.13		BXA	BKGY	BX		m										w							Slightly sheared BKGY breccia, clay altered, low competence. Pervasive diss Py. Matrix supported, sub angular/rounded clasts of 1mm-2cm
								SH																			
			208.05	208.29		VEN	BKGY	MA		m					VN	90				w							Dark grey smoky Qz dominated vein with top 8cm brecciated. Top 8cm is clay altered, sheared, fault? With clasts of 1-5mm sub rounded GRD hosting diss Py
								BX																			
208.60	219.32					FEL	BG	PO		m					DK	85											Beige with a green tinge, clay altered FEL PO dyke with white Cb veins and veinlets crosscutting.
															VT	60	<1	1						Cb			
															VN	60	1-4.5	1						Cb			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			219.25	219.32		FLT	BG	SH		s																	Strong altered FEL PO, sheared suggesting a fault
219.32	221.00					GRD	MDGI	VN	s						VT	88	<1	8		w							Strong phyllic altered GRD in between FEL PO. Very altered with frequent Py stringers and blocks of breccia described below.
			219.32	219.46		BXA	DKG\	BX		m					DK					m							Dark grey brecciated GRD? Or dyke. Minor sucrosic texture. Diss Py. Mod clay altered. Matrix is incompetent and breaks apart easily. Clasts are phyllic GRD. Matrix/clast supported boundary.
								SU																			
			219.81	220.39		GRD	GYW	VN	s		m									f				Cb	t		Strong phyllic and Qz flooded altered GRD with frequent orange/white Ch netted veinlets with white translucent Qz in between nets. 8 cm blocky smoky Qz vein at top of subinterval. Cross cut by netted Ch. Minor Cb flooding. Diss--blebs of Py throughout.
								NT																St?	t		
			220.39	220.53		BXA	BK	BX							DK	85		1		ms							Dark grey/black breccia 'vein' / 'dyke' with matrix supported breccia with sub angular clasts of 1-5mm of GRD. Pervasive diss Py
221.00	222.40					FEL	BG	PO		m																	Sharp contact; beige, pale green FEL PO, mod clay altered
			221.58	221.75		FEL	BG	XT			s				FT												Strong Qz flooded FEL PO from a fracture. Top of fracture is 1.5cm black breccia, sheared
222.40	227.38					GRD	GRG\	MG	s											t				Se	t		Green grey phyllic altered GRD with metallic sericite 0.5-1cm grey/white Qz phenocrysts. Pervasive diss Py. Frequent orange/white Ch and Py veinelts. Sub interval is crosscut by breccia veins described below:
								DI							VT	5-85											
			223.07	223.21		BXA	BK	BX							DK	85				w			w				Black breccia, clasts/matrix supported, pervasive diss Py and blebs. Rare blebs of Gn. Clasts are dark grey translucent Qz rich, also pale green clay altered feldspars slightly sheared shape clasts

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			223.56	223.60		BXA	BKWI	BX							VN	90				wf		w	w				Black breccia intruding a orange/pink/white vuggy Ch vein with white/colourless Ca euhedral crystals filling vugs. Clasts are sub angular/angular phyllic altered GRD hosting diss Py. One 4cm clasts shows evidence of a pre-existing grey/white translucent Qz hosting mineralized veinlet-blebs of Py, Gn, and honey brown Sp
								VU																				
			225.27	225.28		BXA	BKWI	BX							VT	60				w								Black breccia veinlet with blebs of white/pink Ch in same orientation of vein. Black breccia contains sub angular clasts of phyllic altered GRD hosting diss Py and blebs of Py
227.38	229.73					FEL	BG	PO		m																		Beige, clay altered FEL PO
			228.85	228.87		FLT	LTBG	SH		s					FT	90												Light beige, strong clay altered fault within FEL PO
229.73	231.72					GRD	LTGR	EN	m						VT	65-75		1		t								Light green mod phyllic altered GRD crosscut by black breccia 'dykes' described below. Grey/white Qz and orange/white milky Qz veinlets
			229.73			C									C	65												Sharp contact
			229.73	230.22		BXA	BK	BX							DK	65				wf	t?							Black breccia, matrix supported with sub angular clasts 1mm-6cm of phyllic altered GRD hosting blebs and diss Py and As?
			229.95	230.11		VEN	MT	BN							VN	90				20	ms	20	w	Cp	t			Within black breccia, 16cm wide bands of mineralization. Where no mineralization occurs, dark/grey translucent Qz exists. Massive Py and As coexists with trace blebs of Cp. Honey brown Sp with lenses of Gn
			230.82	230.84		BXA	BK	BX							DK	65				t								Black breccia dyke with gradational contact at top of dyke and sharp at bottom. Clasts are 1mm-3mm and 4cm phyllic altered GRD, rare blebs of Py . Matrix supported.
			231.60	231.67		BXA	BK	BX							DK	90												Black breccia at contact between GRD and FEL PO. Clasts are majority 1mm-6cm clay altered GRD sub angular. Matrix supported consisting of smoky Qz

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
231.72	242.51					FEL	BG	PO		wm																	Weak to mod clay altered FEL PO with infrequent grey/white translucent Qz veinlets and orange/white Ch veinlets
			234.97	234.34		FLT	BG	FR		s					FT	90?											Netted, fractured with strong clay altered FEL PO, crumbled, very friable
								NT																			
			235.44	235.48		VEN	DKG\	FG							VN	88			n								Fine grained, dark grey Qz veinlet, minor vuggy texture. No visible sulphides
								VU																			
			235.61	235.67		VEN	DKG\	FG							VN	88			n								Fine grained, dark grey Qz veinlet, minor vuggy texture. No visible sulphides
								VU																			
			236.80	236.82		FLT	LTBG	CR							FT	60											Sheared, crumbled fault
								SH																			
			240.35	240.49		FLT	LTBG	CR							FT	55											Netted, fractured, strong clay altered FEL PO fault
								SH																			
			242.42	242.57		FEL	BG	FL							FL	90											Flow banded FEL PO at contact
								SH																			
242.51	256.72					GRD	LTGR	PA																			Patches of phyllic and propylitic altered GRD, broken into subsections described below
							DK																				
			242.57	251.13		GRD	LTGR	MG							VT	85		3		f							Light grey/green phyllic altered GRD with pervasive diss and blebs of Py. Py stringers 3/m
							GY																				
			246.15			VEN	MTBF	MG							VT	90	1			w							Medium grained crystalline Py cross cut by a shallow 35° 0.5cm white Cb veinlet
															VT	35	1										
			248.68	248.89		VEN	BRWI	CG							VN	90				35				Cp	m		Grey/white translucent Qz vein hosting coarse grained Py and fine grained Cp, also fine grained blebs of Py exist
			250.02	250.12		BXA	BKBC	BX							DK	60				w							Black sheared breccia, matrix supported. Matrix is black fine grained with 1% diss Py. 6cm sheared clasts of green beige clay altered FEL PO
								SH																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			251.13	253.65		GRD	DKGF	MG					pro	m	VT	65		5									Mod, dark green/grey propylitic altered GRD with 5/m Py stringers and white Qz
							GY																				
			253.65	256.72		GRD	LTGR	EN	ms						VT	70-90	1	7		w							Mod strong phyllic alteration of GRD with patches of argillic alteration in-between phyllic envelopes. Phyllic envelopes 2-3 0.5cm Py VT hosted by grey/white translucent Qz. More frequent and thicke veinlets hosting Py
			255.00	255.32		GRD	BRG\	MA							VN	90				50							Irregular 'veins' of massive medium grained Py with minor vugs. Grey/white translucent Qz not observed, but orange/white Ch blebs. Patches of phyllic altered GRD in-between massive Py
								VU																			
			255.43	255.53		GRD	GY	DO?			m																Slightly doppled, vuggy Qz flooded GRD
								VU																			
256.72	267.10					GRD	GRG\	MG					pro	w													Weak propylitic altered GRD
							MD																				
			263.86	264.32		GRD	LTGR	EN	w						VT	60	2			tw							Weak phyllic altered envelope around a white translucent Qz vein hosting <5% blebs of Py
			265.98	266.22		GRD	LTGR	EN	w						VT	70	<1			TW							Weak phyllic altered envelope around a white translucent Qz veinlet @70° hosting 10-15% blebs of Py (within the veinlet)
267.10	281.28					GRD	LTGR	EN	wm																		Weak to mod phyllic altered GRD enveloping frequent grey/white translucent Qz veins/veinlets hosting mineralization. Patches of pyrite poor phyllic altered GRD and minor patches of dark green propylitic altered GRD
								MG																			
			268.10	268.17		VEN	GYBF	VU							VN	90	7			15							Bands of orange/white Ch veinlets around a vug, in filled with white Cb, thin colourless Qz. Vug filled with <1mm euhedral prismatic Qz crystals. Blebby Py exists with a grey/white Qz vein down hole from vuggy Qz/Cb vein
								BN																			
			270.30	270.32		VEN	WHM	BL							VN	70	2			ms		ms		St?	wf		White translucent Qz vein with blebs of white/orange Ch hosting blebs of Py, honey brown Sp, and blackjack Sp and St?

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			275.18	275.42		VEN	MTG\	BN							VN	65				25	15	15	5	Ah	20		Banded vein of: grey/white translucent Qz, very coarse grained white euhedral crystalline anhydrite, 1mm-2cm blebs of mineralization. From top to bottom vein: 0.7cm band of grey/white translucent Qz hosting diss Py and As; 1.5cm massive, blebby honey brown Sp, blebs of Gn, Py with grey/white Qz prismatic crystals fingering into mineralization; 3-4cm blocky and rectangular (up to 4cm) euhedral anhydrite (Ah) with interstitial blebs of honey brown Sp; 7cm of bands of blebby mineralization: honey brown Sp, Gn, Py and diss As; 1.5cm strong phyllic altered GRD with blebs of Py; 1.5cm of narrow bands of vuggy orange/white Ch, crosscut by euhedral rectangular anhydrite in grey smoky Qz; remainder of vein is grey/white Qz flooded, strong phyllic altered GRD cross cut by orange/white Ch, blebs of Py
								XT																			
								VU																			
			276.49	276.55		VEN	GYW	XT							VN	70					f			St?	t		Qz vein envelope by As stringers: irregular blebs o smoky Qz, grey/white translucent Qz, often rimmed by off white Ch, blocky anhydrite. Trace St? Fine grained acicular, black metallic--
								BN																			
								VU																			
			278.04	278.08		VEN	GYM	BL							VN	88				10		25					Grey/white translucent Qz vein hosting blebs of honey brown Sp and Py
			278.32	278.47		FLT	LTGR	CR		s					FT	65											Strong clay altered, faulted GRD
							GY	SH																			
			279.02	279.07		BXA	LTDK	BX?			s				DK	60				t							Not quite breccia texture, but textural evidence of movement-possibly clast supported, sub rounded clast breccia-Qz rich. Smoky to white Qz present
							GY																				
			279.28	279.30		VEN	GYM	BL							VN	80	2			10	w	25					Grey/white translucent Qz hosting blebs of blackjack Sp, honey brown Sp, Py, and diss As
			279.88	279.91		VEN	WHG	BN							VN	90				ms							Banded, blebby vein composed of grey/white Qz, white milky Qz, orange ankerite, pink/white Ch, blebs of Py following trend of vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
							OR	BL																			
			281.16	281.28		BXA	DKG\	BX							DK	60				t							Angular clasts of phyllic altered GRD within a Qz/Se matrix. Matrix supported; trace Py
281.28	281.72					FEL	BG	PO		s																	Strong clay altered, fractured FEL PC
								CR																			
281.72	292.24					GRD	LTDK	PA	30	10			PRO	40													Patchy altered GRD-light green weak phyllic/strong propylitic to weak-mod kaolinite alteration. Frequent Py stringers and grey/white translucent Qz veins hosting mineralization
							GR																				
			281.72	281.91		BXA	BKGF	BX							DK	90				w							Angular/sub angular clasts of strong phyllic altered GRD, matrix supported. Clasts up to 5cm
			284.27	284.44		BXA	BK	BX							DK	80				t			t				Angular/sub angular clasts of strong phyllic altered GRD, matrix supported. Clasts up to 5cm
			286.00	286.04		VEN	DKG\	BK							VN	85				w							Banded and blocky vein containing white/orange Ch euhedral anhydrite, smoky Qz, grey/white translucent Qz. Enveloped by Py stringers
								BN																			
			286.50	286.51		VEN	WH	EN							VN	75			n								White/orange Ch enveloping a white Cb veir
			286.80	286.82		VEN	GY	BN							VN	55				m			f				Grey/white translucent Qz vein hosting stringers of Py and Gn. Crosscut by a shallow Cb veinlet
			288.02	288.04		VEN	GY	BX							VN	85				f							Banded white/orange Ch, grey/white translucent Qz hosting blebs of Py
			289.12	289.13		VEN	GYW	BN							VN	70				f							Banded white/orange Ch, grey/white translucent Qz hosting blebs of Py
			290.69	290.72		VEN	GYM	BN							VN	75				s		10	w				Grey/white Qz vein hosting blebs of honey brown Sp, blebs of Gn (minor), and blebs of Py Mod-strong phyllic envelope with diss Py around 2 veins: 1) grey/white Qz vein @ 90° hosting blebs of Py, and trace Gn 2) Black breccia vein with sub rounded/sub angular clasts of altered GRD. No visible sulphides
			291.67	292.06		GRD	GRMI	EN	ms											wf							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VN	90				s				t			
															VN	80			n								
			292.06	292.24		GRD	GRMI	NT	s											f	wf	t	t				Strong phyllic altered, netted, smoky Qz veinlets hosting diss As, Py, Gn and honey brown Sp
292.24						C									C	50											Sharp, but crenulated contact @5C°
292.24	293.42					FEL	BG	PO FL		w																	Beige, weak clay altered, flow banded FEL PC
293.42						C									C	90											Sharp, but crenulated contact @ 9C°
293.42	294.00					GRD	GYGF	CR SW												w							Grey/green, swirly, crumbled GRD, patchy clay altered. Blebs of diss Py
294.00	294.11					FEL	BG	PO							DK	60											FEL PO dyke @ 60°; both contacts
294.11	341.08					GRD	GRLT DKGRGY	PA																			Patches of alteration, phyllic dominated, but argillic/propylitic as well. Broken into subsections:
			294.11	301.41		GRD	LTGR	PA EN	wm	w			pro	s						w							Weak-mod phyllic alteration overprinting strong propylitic alteration. ~10% patches of weak argillic altered GRD. Pervasive diss Py
			294.11	294.20		VEN	GYM	BN							VN	75				m	t	t	t				Grey/white Qz hosting mineralization blebs of Py, diss As, and trace blebs of Gn, and Sp
			295.37	295.39		VEN	GYBF	BN							VN	90				50							Grey/white Qz vein hosting blebs of Py following trend of vein
			296.48	296.49		VEN	BR	MA							VN	80	1	1		90							Grey white translucent Qz vein ~90% hosted by massive Py. Frequent Py stringers within 1.5cm from this vein ~10/m
															VT	80	<1	10		f							
			296.88	296.90		VEN	GYM	BL							VN	90				15		10					Blebby grey/white translucent Qz vein hosting blebby honey brown Sp and Py
			298.64	298.65		VEN	WHG	XT							VN	70			n								Crystalline grey/white translucent Qz inter-fingered with white, milky Qz crystals.
			298.65	298.80		GRD	GRLT	MG	m											w				To	m		Phyllic altered GRD hosting blebs of radiating To with Py

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			299.24	299.31		VEN	MT	BL							VN	50				47 t		47 t					Grey/white translucent Qz almost entirely filled by mineralization; Py:Sp (honey brown) with trace As, and Gn. Vein is cross cut by 45° opposite orientation vuggy grey qtz? Vein- no crystals in vugs
			299.40	299.42		VEN	GY	XT VU																			Vuggy , colourless Qz vein with no visible mineralization
			301.41	304.77		GRD	GRG` DK	MG					pro	wm													Weak to mod propylitic altered GRD
			304.77	309.31		GRD	BGPH LT	CR			m																Moderate argillic alteration of GRD, majority is kaolinite, but minor patches of montmorillonite
			305.00	306.00		FLT?	BGPH	CR							FT	65				w								Faulted argillic GRD with blebs of Py and grey (previous sulphides?) veinlets @ 65°
			307.71	307.78		FLT?	BGWI	CR FR		s					FT	60												Faulted argillic GRD
			308.08	308.10		VEN	WHPI	BN							VN	40				15								White/pink translucent Qz band with a white Cb veinlet. Up hole 0.5cm is multiple Py stringers condensed to 2 cm
			308.48	308.62		FLT	WHPI	CR		s					FT	90												Crumbled, faulted GRD
			309.31	325.04		GRD	GR LTMD	PA EN	wm						VN VN VT	60 65 10	<1	1		w				Qz/Cb Qz Cb			Patches of weak to mod phyllic alteration with infrequent Qz/Cb veins. Pervasive diss Py, existing in light-dark green GRD. Grey/white translucent Qz veins hosting blebs of Py. Shallow white Cb veinlets weakening rock
			317.71	317.73		VEN	WH	XT							VN	40				f								Crystalline white, translucent Qz and colourless Qz vein hosting blebs of Py
			321.55	322.50		GRD	GRMI	FD			s				VT	65				m								Strong Qz flooded GRD cross cut by 65° orange stained white/milky Qz veinlets hosting Py blebs, also shallow grey, translucent Qz with He and Py

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VT	30				m				He	ms		
			324.75	325.04		VEN	MTG\	BN NT VU							VN	70											Grey/white translucent Qz dominated vein cross cut by netted, vuggy off white Ch, often in filled by white Cb. Blebs of Py throughout. Also a 1.5 'vein' of almost entirely Py with minor blebs of Gn. Trace diss As down hole
			325.04	341.08		GRD	LTGR	MG	ms											m				Ak	t		Mod-strong, consistent light green phyllic altered GRD with pervasive diss Py 5-7% with infrequent 1-2cm blebs of Py. Also infrequent white translucent Qz veins crosscut by white Cb and orange Cb-Ak? Hosting blebs of honey brown Sp and Py
			332.90	332.93		VEN	GY	BN							VN	30				m				Ak	ms		White translucent Qz hosting honey brown Sp and Py cross cut by white and orange Ak
			336.07	336.08		VEN	WH	BL							VN	60				m							White translucent Qz hosting honey brown Sp and Py cross cut by white Cb
			339.12	339.71		GRD	LTGR	CR	ms	m										ms							Mod/strong phyllic altered GRD, clay altered, possibly due to a fault? Frequent blebs of Py and 2 veins:
			339.12	339.14		VEN	MT	BL							VN	70				30		30					White translucent Qz hosting blebs of honey brown Sp and Py
			339.51	339.57		VEN	MTW	BL							VN	80				50		10	w				White, translucent Qz hosting blebs to massive Py, minor Sp and minor Gn blebs
341.08						C									C	90											Crenulated contact
341.08	366.55					FEL	GRLT	FG PO?	wm						DK VT	85 65-90		2		w s							Qtz-feldspar felsic porphyry? Equigranular phenocrystic intrusive dyke, siliceous. Crosscut by mineralized veins and MAF PO. FEL MG hosts pervasive diss Py and Py stringers 2/m
			341.80	341.90		MAF	GYGF DK	PO							DK	85				t							Mafic intrusive dyke? Or accumulation of mafic minerals in porphyry. Gradational over 3mm contact

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									PHOTO	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			342.02	342.23		MAF	GYGF DK	PO							DK	85				t								Mafic intrusive dyke? Or accumulation of mafic minerals in porphyry. Gradational over 3mm contact
			344.63	344.64		VEN	WH	BL							VN	45				s				Ak	s			White, translucent Qz with blebs of Ak and Py
			345.86	345.87		VEN	WHM	BL							VN	85				25			15	Ak	10			White, translucent Qz with blebs of Ak, Py, and Sp
			346.51	346.65		VEN	MTW	BN VU							VN	90				15	5		15	20				Banded white/orange Ch with white Cb infilling, also white translucent Qz with prismatic euhedral crystals in vugs. Mineralization is down hole of Qz/Cb veining and is hosted by grey/white translucent Qz. Mineralization is blebby-massive
			347.00	347.02		VEN	MTW	BN VU							VN	60												Grey/white translucent Qz and white/orange Ch with minor white Cb infilling. Grey/white Qz hosting blebs of Py, honey brown Sp and Gn
			348.44	348.47		VEN	WHG	BN VU							VN	80				10		w						Grey/white translucent Qz and off-white vuggy Ch hosting Py and trace honey brown Sp
			355.80	357.38		MAF	GY	PO												ms								Mafic flooded PO hosting Py blebs. Gradational contact
			366.55			C																						Relatively sharp contact, fuzzy transition over 2cm
366.55	369.73					GRD	LTGR	MG	ms						VT	40				t				Cb				Phyllic altered GRD with patches of diss PY and rare white, translucent Qz veins hosting blebs of Py. Shallow Cb veinlets
369.73	410.20					MAF	PKGY GR	PO?							VT	65-9	<1	7		tw								Dark grey/hint of green MAF PO? Aside: not a dyke as previously mentioned, but a small intrusive, strong magnetic, especially in dark grey areas. This could be a stock due to the grain size. Same texture and composition of xenoliths in GRD. Crosscut by frequent white Cb veinlets. Up to 3% pervasive Py

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
																											Gradational contact over 12cm from MAF-FEL. Light beige green fine grained felsic intrusive cross cut (and possibly flooded by Cb) by Cb veins. Pervasive diss Py. Not magnetic.
			379.06	382.01		FEL	BGGF LT	FG PO? FL?			m				VN	70	1	7		tw				Cb			
			381.92	382.47		FLT	GYGF DK	FR CR							FT	30											Faulted FEL and MAF FG intrusive @30°
			395.77	387.96		FEL	GRMI	FG	m?		m									tw							
								PO?							VT	65		12						Cb			Green-phyllic?- FEL FG with frequent fractures and Cb veinlets. Not magnetic
			390.08	391.50		FEL	BG	FG PO?			S				VT	65		10		tw				Cb			Siliceous FEL-FG intrusive hosting diss Py and frequent Cb veinlets (10/m). Down hole gradational contact over 12cm. Not magnetic
			391.50	391.77		FLT	GYGF	CR FR							FT	65											Fractured, crumbled fault over the FEL/MAF contact
			400.90	410.20		FEL	GRBC	FG	wm?		m									tw							
								PO?							VT	60-9(	<1	5						Qz/Cb			Weak to mod phyllic altered siliceous fine grained felsic intrusive crosscut by Qz/Cb vein/veinlets, often slightly netted ~65-90°. Pervasive diss and blebs of Py
410.20	EOH																										

GEOTECHNICAL LOG

HOLE: KL-11-31

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.05	3.05	2.27	74	0.00	0	M	HW		
3.05	5.49	2.44	2.10	86	0.57	23	S	SW		
5.49	7.92	2.43	2.40	99	0.56	23	S	MW		
7.92	10.97	3.05	3.05	100	0.92	30	VS	SW		
10.97	14.02	3.05	3.10	102	0.80	26	S	SW		
14.02	17.07	3.05	3.10	102	0.68	22	MS	MW		
17.07	20.11	3.04	3.10	102	0.94	31	VS	MW		
20.11	23.16	3.05	2.88	94	1.12	37	MS	MW		
23.16	26.21	3.05	2.93	96	0.13	4	S	MW		
26.21	29.26	3.05	3.20	105	0.85	28	S	SW		
29.26	32.31	3.05	3.15	103	1.98	65	S	SW		
32.31	35.36	3.05	3.02	99	2.05	67	VS	SW		
35.36	38.40	3.04	3.12	103	2.18	72	S	SW		
38.40	41.45	3.05	3.02	99	2.13	70	S	SW		
41.45	44.50	3.05	3.11	102	2.46	81	S	SW		
44.50	47.55	3.05	2.99	98	2.14	70	MS	SW		
47.55	50.60	3.05	3.10	102	1.94	64	MS	SW		
50.60	53.65	3.05	3.10	102	2.06	68	MS	SW		
53.65	56.69	3.04	2.94	97	1.51	50	MS	SW		
56.69	59.74	3.05	3.12	102	1.06	35	MS	MW		
59.74	62.78	3.04	3.17	104	1.28	42	S	HW		
62.78	65.84	3.06	3.07	100	1.33	43	ES	SW		
65.84	68.89	3.05	3.08	101	1.05	34	ES	MW		
68.89	74.98	6.09	3.20	53	1.10	18	MS	SW		
74.98	78.02	3.04	2.93	96	0.52	17	S	SW		
78.02	81.08	3.06	3.02	99	1.49	49	VS	FR		
81.08	84.12	3.04	3.15	104	1.17	38	S	FR		
84.12	87.17	3.05	3.02	99	0.92	30	VS	FR		
87.17	90.22	3.05	3.10	102	1.38	45	S	FR		
90.22	93.27	3.05	3.03	99	2.10	69	S	FR		
93.27	96.32	3.05	3.10	102	1.05	34	VS	FR		
96.32	99.37	3.05	3.07	101	1.38	45	S	FR		
99.37	102.41	3.04	3.08	101	1.94	64	S	FR		
102.41	105.46	3.05	3.04	100	1.12	37	MW	FR		
105.46	108.51	3.05	3.15	103	1.27	42	MW	FR		
108.51	111.56	3.05	2.97	97	0.00	0	S	FR		
111.56	114.60	3.04	3.05	100	1.26	41	MS	FR		
114.60	117.65	3.05	3.16	104	1.58	52	S	FR		
117.65	120.70	3.05	3.00	98	1.39	46	VS	FR		
120.70	123.75	3.05	3.03	99	0.91	30	MS	FR		
123.75	126.80	3.05	3.09	101	2.51	82	VS	FR		
126.80	129.84	3.04	3.06	101	2.16	71	VS	FR		
129.84	132.89	3.05	3.05	100	1.96	64	S	FR		
132.89	135.94	3.05	3.05	100	2.08	68	MS	FR		
135.94	138.99	3.05	3.04	100	1.30	43	MS	FR		
138.99	142.04	3.05	3.01	99	1.77	58	S	FR		
142.04	145.08	3.04	3.03	100	1.67	55	S	FR		
145.08	148.13	3.05	3.10	102	0.00	0	S	FR		
148.13	151.18	3.05	3.15	103	1.83	60	S	FR		
151.18	154.23	3.05	3.01	99	1.53	50	VS	FR		
154.23	157.28	3.05	3.20	105	1.62	53	VS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.28	160.33	3.05	3.01	99	2.02	66	VS	FR		
160.33	163.37	3.04	2.94	97	1.55	51	MS	FR		
163.37	166.42	3.05	3.10	102	1.45	48	MS	FR		
166.42	169.47	3.05	3.05	100	1.57	51	MS	FR		
169.47	172.52	3.05	3.02	99	0.54	18	MS	FR		
172.52	175.57	3.05	3.06	100	1.48	49	S	FR		
175.57	178.61	3.04	3.06	101	1.33	44	S	FR		
178.61	181.61	3.00	3.08	103	1.52	51	S	FR		
181.61	184.71	3.10	3.00	97	0.87	28	MW	FR		
184.71	187.76	3.05	3.05	100	0.70	23	MS	FR		
187.76	190.80	3.04	3.04	100	1.24	41	MS	FR		
190.80	193.85	3.05	3.01	99	0.46	15	MS	FR		
193.85	196.90	3.05	2.94	96	0.29	10	MS	FR		
196.90	199.95	3.05	2.92	96	1.11	36	MS	FR		
199.95	202.99	3.04	3.00	99	0.73	24	S	FR		
202.99	206.04	3.05	3.01	99	0.69	23	MS	FR		
206.04	209.09	3.05	2.93	96	0.74	24	MS	FR		
209.09	212.14	3.05	3.05	100	1.57	51	S	FR		
212.14	215.19	3.05	2.88	94	1.49	49	MS	FR		
215.19	218.24	3.05	3.05	100	0.92	30	S	FR		
218.24	221.28	3.04	2.86	94	0.78	26	MS	FR		
221.28	224.33	3.05	3.04	100		0	S	FR		
224.33	227.38	3.05	2.99	98	1.20	39	W	FR		
227.38	230.43	3.05	2.85	93	0.34	11	W	FR		
230.43	233.48	3.05	2.90	95	1.11	36	S	FR		
233.48	236.52	3.04	3.07	101	0.80	26	VS	FR		
236.52	239.57	3.05	2.91	95	0.86	28	S	FR		
239.57	242.62	3.05	2.94	96	0.91	30	S	FR		
242.62	245.67	3.05	2.09	69	1.18	39	MS	FR		
245.67	248.72	3.05	3.05	100	1.20	39	MS	FR		
248.72	251.76	3.04	2.97	98	1.02	34	S	FR		
251.76	254.81	3.05	3.01	99	1.72	56	MS	FR		
254.81	257.86	3.05	2.90	95	1.43	47	S	FR		
257.86	260.91	3.05	2.93	96	1.40	46	S	FR		
260.91	263.96	3.05	3.09	101	2.21	72	S	FR		
263.96	267.01	3.05	3.00	98	1.99	65	S	FR		
267.01	270.05	3.04	2.98	98	1.70	56	S	FR		
270.05	273.10	3.05	3.11	102	1.44	47	MS	FR		
273.10	276.15	3.05	3.06	100	1.02	33	S	FR		
276.15	279.20	3.05	3.00	98	1.25	41	MS	FR		
279.20	282.25	3.05	3.07	101	2.04	67	S	FR		
282.25	285.29	3.04	3.10	102	2.20	72	S	FR		
285.29	288.38	3.09	2.86	93	1.85	60	MS	FR		
288.38	291.39	3.01	2.97	99	1.94	64	MS	FR		
291.39	294.44	3.05	3.03	99	1.10	36	MS	FR		
294.44	297.48	3.04	2.90	95	1.97	65	MS	FR		
297.48	300.53	3.05	2.93	96	2.04	67	S	FR		
300.53	303.08	2.55	3.04	119	2.20	86	S	FR		
303.08	306.63	3.55	3.05	86	1.56	44	W	FR		
306.63	309.68	3.05	3.01	99	2.10	69	W	FR		
309.68	312.72	3.04	3.04	100	1.90	62	MS	FR		
312.72	315.77	3.05	3.89	128	1.64	54	MS	FR		
315.77	318.82	3.05	3.09	101	2.00	66	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
318.82	321.87	3.05	2.98	98	1.56	51	MS	FR		
321.87	324.92	3.05	3.07	101	0.58	19	MS	FR		
324.92	327.97	3.05		0		0		FR		
327.97	331.01	3.04	3.12	103	1.87	62	S	FR		
331.01	334.06	3.05	2.98	98	2.10	69	S	FR		
334.06	337.11	3.05	3.13	103	2.38	78	MS	FR		
337.11	340.16	3.05	2.97	97	1.64	54	S	FR		
340.16	343.21	3.05	3.06	100	1.12	37	S	FR		
343.21	346.25	3.04	3.15	104	0.84	28	S	FR		
346.25	349.30	3.05	3.14	103	0.95	31	MS	FR		
349.30	352.35	3.05	3.11	102	1.56	51	MS	FR		
352.35	355.40	3.05	3.10	102	1.72	56	S	FR		
355.40	358.45	3.05	3.01	99	1.59	52	MS	FR		
358.45	361.49	3.04	3.09	102	1.54	51	S	FR		
361.49	364.54	3.05	3.02	99	1.08	35	S	FR		
364.54	367.59	3.05	3.15	103	1.41	46	MS	FR		
367.59	370.64	3.05	3.03	99	1.27	42	MS	FR		
370.64	373.68	3.04	3.03	100	1.66	55	S	FR		
373.68	376.73	3.05	3.05	100	1.35	44	MS	FR		
376.73	379.78	3.05	3.06	100	1.16	38	MS	FR		
379.78	382.83	3.05	2.94	96	0.75	25	S	FR		
382.83	385.88	3.05	2.82	92	0.11	4	S	FR		
385.88	388.92	3.04	2.94	97	0.30	10	MS	FR		
388.92	391.97	3.05	3.01	99	0.42	14	MS	FR		
391.97	395.02	3.05	3.08	101	1.63	53	S	FR		
395.02	398.07	3.05	3.05	100	1.10	36	S	FR		
398.07	401.12	3.05	3.09	100	0.65	21	MS	FR		
401.12	404.16	3.04	3.05	102	2.46	81	MS	FR		
404.16	407.21	3.05	3.09	97	1.49	49	S	FR		
407.21	410.20	2.99	2.97	0	1.53	51	S	FR		
										EOH @ 410.20m

SAMPLE LOG

HOLE: KL-11-31

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.19	3.19		0							CASING
3.19	4.95	1.76	1.48	84	K270181	1					
4.95	6.71	1.76	1.77	101	K270182	1					
6.71	9.45	2.74	2.50	91	K270183	1					
9.45	12.40	2.95	2.99	101	K270184	1					
12.40	15.33	2.93	3.00	102	K270185	1					
					K270186	1					BLANK
15.33	18.18	2.85	2.90	102	K270187	1					
18.18	20.96	2.78	2.89	104	K270188	1					
20.96	24.13	3.17	2.86	90	K270189	1					
					K270190	1					BLANK
24.13	25.91	1.78	1.73	97	K270191	1					
25.91	28.00	2.09	2.08	100	K270192	1					
28.00	30.89	2.89	2.90	100	K270193	1					
30.89	33.12	2.23	2.34	105	K270194	1					
33.12	35.31	2.19	2.15	98	K270195	1					
					K270196	1					STD ME 16
35.31	37.71	2.40	2.49	104	K270197	1					
37.71	39.04	1.33	1.32	99	K270198	1					
39.04	41.45	2.41	2.37	98	K270199	1					
					K270200	1					DUPLICATE
41.45	44.50	3.05	3.05	100	K270201	1					
44.50	47.55	3.05	3.01	99	K270202	1					
47.55	50.60	3.05	3.08	101	K270203	1					
50.60	53.65	3.05	3.15	103	K270204	1					
53.65	56.56	2.91	2.86	98	K270205	1					
56.56	58.69	2.13	2.13	100	K270206	1					
58.69	60.40	1.71	1.78	104	K270207	1					
					K270208	1					STD ME 16
60.40	62.78	2.38	2.49	105	K270209	1					
62.78	65.00	2.22	2.23	100	K270210	1					
65.00	67.42	2.42	2.42	100	K270211	1					
67.42	70.23	2.81	2.83	101	K270212	1					
70.23	72.89	2.66	2.70	102	K270213	1					
72.89	74.98	2.09	2.06	99	K270214	1					
74.98	78.02	3.04	2.94	97	K270215	1					
78.02	81.08	3.06	3.01	98	K270216	1					
81.08	84.12	3.04	3.12	103	K270217	2					
84.12	87.17	3.05	3.05	100	K270218	2					
87.17	89.21	2.04	2.06	101	K270219	2					
					K270220	2					DUPLICATE
89.21	91.15	1.94	1.98	102	K270221	2					
91.15	92.15	1.00	1.00	100	K270222	2					
92.15	93.27	1.12	1.10	98	K270223	2					
93.27	96.32	3.05	3.04	100	K270224	2					
					K270225	2					STD ME 16
96.32	98.90	2.58	2.61	101	K270226	2					
98.90	100.81	1.91	1.91	100	K270227	2					
100.81	103.67	2.86	2.97	104	K270228	2					
103.67	106.70	3.03	2.96	98	K270229	2					
106.70	108.51	1.81	1.91	106	K270230	2					
108.51	111.56	3.05	2.97	97	K270231	2					
					K270232	2					BLANK
111.56	114.60	3.04	3.10	102	K270233	2					
114.60	117.65	3.05	3.15	103	K270234	2					
117.65	120.70	3.05	3.02	99	K270235	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
120.70	123.75	3.05	3.03	99	K270236	2					
123.75	126.17	2.42	2.44	101	K270237	2					
126.17	129.13	2.96	2.94	99	K270238	2					
					K270239	2					BLANK
129.13	131.02	1.89	1.84	97	K270240	2					
131.02	132.89	1.87	1.93	103	K270241	2					
132.89	135.94	3.05	3.01	99	K270242	2					
135.94	138.99	3.05	3.00	98	K270243	2					
					K270244	2					STD ME 16
138.99	142.04	3.05	3.00	98	K270245	2					
142.04	145.08	3.04	3.02	99	K270246	2					
145.08	148.21	3.13	3.10	99	K270247	2					
148.21	151.18	2.97	3.14	106	K270248	2					
151.18	154.23	3.05	2.99	98	K270249	2					
154.23	157.28	3.05	3.16	104	K270250	2					
157.28	160.33	3.05	3.02	99	K270251	2					
160.33	161.90	1.57	1.58	101	K270252	2					
161.90	164.20	2.30	2.23	97	K270253	3					
164.20	165.89	1.69	1.66	98	K270254	3					
165.89	166.89	1.00	1.00	100	K270255	3					
166.89	169.63	2.74	2.72	99	K270256	3					
169.63	172.48	2.85	2.82	99	K270257	3					
172.48	174.27	1.79	1.80	101	K270258	3					
					K270259	3					STD ME 16
174.27	176.00	1.73	1.75	101	K270260	3					
176.00	177.16	1.16	1.14	98	K270261	3					
177.16	178.16	1.00	1.00	100	K270262	3					
178.16	180.15	1.99	2.00	101	K270263	3					
					K270264	3					BLANK
180.15	182.48	2.33	2.39	103	K270265	3					
182.48	185.48	3.00	3.00	100	K270266	3					
185.48	186.71	1.23	1.26	102	K270267	3					
					K270268	3					DUPLICATE
186.71	188.95	2.24	2.22	99	K270269	3					
188.95	191.08	2.13	2.16	101	K270270	3					
191.08	193.85	2.77	2.80	101	K270271	3					
193.85	195.97	2.12	2.13	100	K270272	3					
195.97	197.94	1.97	2.07	105	K270273	3					
197.94	200.95	3.01	3.00	100	K270274	3					
					K270275	3					BLANK
200.95	202.99	2.04	2.00	98	K270276	3					
202.99	204.10	1.11	1.12	101	K270277	3					
204.10	206.47	2.37	2.48	105	K270278	3					
206.47	208.60	2.13	2.11	99	K270279	3					
					K270280	3					STD PL 2
208.60	211.62	3.02	3.04	101	K270281	3					
211.62	214.64	3.02	3.01	100	K270282	3					
214.64	217.60	2.96	3.00	101	K270283	3					
217.60	219.32	1.72	1.73	101	K270284	3					
219.32	221.00	1.68	1.68	100	K270285	3					
221.00	222.40	1.40	1.35	96	K270286	3					
222.40	225.35	2.95	3.00	102	K270287	3					
225.35	227.38	2.03	2.02	100	K270288	3					
227.38	229.73	2.35	2.41	103	K270289	4					
229.73	231.72	1.99	1.85	93	K270290	4					
231.72	233.48	1.76	1.93	110	K270291	4					
233.48	236.52	3.04	3.03	100	K270292	4					
236.52	239.57	3.05	3.05	100	K270293	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K270294	4					STD PL 2
239.57	242.51	2.94	2.82	96	K270295	4					
242.51	245.67	3.16	3.24	103	K270296	4					
245.67	248.52	2.85	2.88	101	K270297	4					
248.52	249.53	1.01	1.01	100	K270298	4					
					K270299	4					BLANK
249.53	251.13	1.60	1.63	102	K270300	4					
251.13	253.65	2.52	2.59	103	K270301	4					
253.65	256.31	2.66	2.61	98	K270302	4					
256.31	259.33	3.02	2.98	99	K270303	4					
259.33	262.25	2.92	3.00	103	K270304	4					
262.25	265.27	3.02	3.02	100	K270305	4					
					K270306	4					STD PL-2
265.27	267.10	1.83	1.84	101	K270307	4					
					K270308	4					DUPLICATE
267.10	268.28	1.18	1.28	108	K270309	4					
268.28	271.11	2.83	2.91	103	K270310	4					
271.11	273.10	1.99	2.02	102	K270311	4					
273.10	274.73	1.63	1.65	101	K270312	4					
274.73	275.83	1.10	1.14	104	K270313	4					
					K270314	4					BLANK
275.83	278.73	2.90	3.00	103	K270315	4					
278.73	281.30	2.57	2.53	98	K270316	4					
281.30	282.35	1.05	1.07	102	K270317	4					
282.35	284.27	1.92	1.94	101	K270318	4					
284.27	286.86	2.59	2.68	103	K270319	4					
286.86	289.88	3.02	3.02	100	K270320	4					
289.88	292.25	2.37	2.30	97	K270321	4					
292.25	293.43	1.18	1.23	104	K270322	4					
293.43	294.44	1.01	1.00	99	K270323	4					
294.44	297.45	3.01	3.00	100	K270324	4					
297.45	300.53	3.08	2.85	93	K270325	5					
300.53	303.58	3.05	3.07	101	K270326	5					
303.58	304.77	1.19	1.19	100	K270327	5					
304.77	306.98	2.21	2.19	99	K270328	5					
306.98	309.68	2.70	2.73	101	K270329	5					
					K270330	5					STD ME 16
309.68	312.72	3.04	3.06	101	K270331	5					
312.72	315.77	3.05	2.87	94	K270332	5					
315.77	318.82	3.05	3.10	102	K270333	5					
318.82	320.92	2.10	2.13	101	K270334	5					
320.92	322.50	1.58	1.57	99	K270335	5					
322.50	324.45	1.95	2.12	109	K270336	5					
324.45	325.45	1.00	1.00	100	K270337	5					
					K270338	5					BLANK
325.45	327.97	2.52	2.48	98	K270339	5					
327.97	331.01	3.04	3.06	101	K270340	5					
331.01	334.06	3.05	2.95	97	K270341	5					
334.06	337.11	3.05	3.13	103	K270342	5					
337.11	338.97	1.86	1.77	95	K270343	5					
					K270344	5					STD ME 16
338.97	339.93	0.96	1.00	104	K270345	5					
339.93	341.08	1.15	1.14	99	K270346	5					
341.08	343.21	2.13	2.26	106	K270347	5					
343.21	346.36	3.15	3.20	102	K270348	5					
346.36	348.54	2.18	2.22	102	K270349	5					
					K270350	5					BLANK
348.54	351.05	2.51	2.53	101	K270351	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
351.05	353.74	2.69	2.73	101	K270352	5					
353.74	355.81	2.07	2.11	102	K270353	5					
					K270354	5					DUPLICATE
355.81	357.39	1.58	1.60	101	K270355	5					
357.39	360.35	2.96	2.97	100	K270356	5					
360.35	363.39	3.04	3.00	99	K270357	5					
363.39	366.55	3.16	3.00	95	K270358	5					
366.55	367.97	1.42	1.16	82	K270359	5					
367.97	369.73	1.76	1.75	99	K270360	5					
369.73	372.79	3.06	2.92	95	K270361	6					
372.79	375.07	2.28	2.28	100	K270362	6					
375.07	377.27	2.20	2.19	100	K270363	6					
377.27	379.07	1.80	1.85	103	K270364	6					
					K270365	6					STD ME 16
379.07	382.02	2.95	2.95	100	K270366	6					
382.02	384.97	2.95	3.00	102	K270367	6					
384.97	387.97	3.00	2.95	98	K270368	6					
387.97	390.04	2.07	2.10	101	K270369	6					
390.04	391.50	1.46	1.40	96	K270370	6					
391.50	394.39	2.89	3.00	104	K270371	6					
					K270372	6					BLANK
394.39	397.33	2.94	3.00	102	K270373	6					
397.33	400.38	3.05	3.00	98	K270374	6					
400.38	402.78	2.40	2.47	103	K270375	6					
402.78	404.16	1.38	1.40	101	K270376	6					
404.16	407.21	3.05	3.05	100	K270377	6					
407.21	410.20	2.99	3.00	100	K270378	6					EOH

DENSITY LOG

Hole: **KL-11-31**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
														Scale broken; waiting on order	#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-31

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00			20.84	
4.00			0.634	
5.00			21.22	
6.00			21.25	
7.00			8.707	
8.00			23.9	
9.00			30.5	
10.00			14.21	
11.00			16.54	
12.00			1.282	
13.00			0.533	
14.00			0.42	
15.00			4.614	
16.00			0.657	
17.00			0.774	
18.00			0.265	
19.00			9.796	
20.00			0.747	
21.00			0.4	
22.00			0.274	
23.00			0.2	
24.00			0.369	
25.00			0.415	
26.00			0.349	
27.00			10.47	
28.00			0.818	
29.00			0.546	
30.00			8.777	
31.00			0.207	
32.00			0.396	
33.00			0.313	
34.00			2.919	
35.00			28.58	
36.00			0.54	
37.00			0.236	
38.00			0.41	
39.00			1.511	
40.00			43.98	
41.00			22.12	
42.00			24.38	
43.00			22.78	
44.00			29.96	
45.00			22.16	
46.00			19.66	
47.00			19.55	
48.00			21.34	
49.00			22.62	
50.00			18.1	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			23.8	
52.00			17.1	
53.00			17	
54.00			25.26	
55.00			20.6	
56.00			23.25	
57.00			0.642	
58.00			0.378	
59.00			0.343	
60.00			0.862	
61.00			4.511	
62.00			16.76	
63.00			4.415	
64.00			2.436	
65.00			28.86	
66.00			22.68	
67.00			1.004	
68.00			0.582	
69.00			0.42	
70.00			0.33	
71.00			0.295	
72.00			0.465	
73.00			1.971	
74.00			23.07	
75.00			24.35	
76.00			23.02	
77.00			26.87	
78.00			21.53	
79.00			16.4	
80.00			20.96	
81.00			21.18	
82.00			20.58	
83.00			19.96	
84.00			19.56	
85.00			18.74	
86.00			22.01	
87.00			21.64	
88.00			19.17	
89.00			15.92	
90.00			19.03	
91.00			5.59	
92.00			0.486	
93.00			1.109	
94.00			1.144	
95.00			14.44	
96.00			12.78	
97.00			13	
98.00			14.02	
99.00			6.132	
100.00			0.282	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.437	
102.00			28.42	
103.00			25.41	
104.00			0.777	
105.00			23.78	
106.00			5.708	
107.00			26.21	
108.00			23.12	
109.00			21.26	
110.00			21.33	
111.00			24.3	
112.00			19.36	
113.00			15.99	
114.00			19.58	
115.00			23.41	
116.00			22.83	
117.00			21.54	
118.00			26.66	
119.00			22.49	
120.00			28.73	
121.00			21.24	
122.00			21.12	
123.00			23.64	
124.00			18.26	
125.00			18.97	
126.00			7.105	
127.00			0.252	
128.00			0.553	
129.00			1.069	
130.00			28.04	
131.00			20.56	
132.00			23.46	
133.00			27.9	
134.00			24.86	
135.00			31.34	
136.00			0.458	
137.00			19.7	
138.00			21.61	
139.00			16.73	
140.00			22.88	
141.00			0.518	
142.00			23.25	
143.00			15.62	
144.00			23.01	
145.00			22.58	
146.00			41.39	
147.00			26.33	
148.00			29.72	
149.00			24.95	
150.00			29.2	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			61.37	
152.00			24.33	
153.00			24.34	
154.00			32.84	
155.00			40.15	
156.00			27.32	
157.00			22.39	
158.00			34.5	
159.00			33.38	
160.00			32.4	
161.00			6.577	
162.00			10.2	
163.00			0.592	
164.00			0.295	
165.00			0.344	
166.00			4.202	
167.00			0.692	
168.00			1.948	
169.00			0.568	
170.00			11.07	
171.00			6.741	
172.00			0.849	
173.00			1.816	
174.00			2.519	
175.00			13.78	
176.00			1.726	
177.00			0.363	
178.00			1.431	
179.00			0.631	
180.00			0.275	
181.00			7.306	
182.00			16.08	
183.00			0.328	
184.00			0.488	
185.00			0.351	
186.00			0.991	
187.00			0.556	
188.00			0.403	
189.00			0.448	
190.00			10.72	
191.00			0.395	
192.00			0.352	
193.00			0.257	
194.00			0.275	
195.00			0.376	
196.00			0.241	
197.00			0.228	
198.00			0.407	
199.00			0.221	
200.00			0.251	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.191	
202.00			0.321	
203.00			1.343	
204.00			2.993	
205.00			0.379	
206.00			1.303	
207.00			0.222	
208.00			0.191	
209.00			0.262	
210.00			0.289	
211.00			0.281	
212.00			0.226	
213.00			0.257	
214.00			0.229	
215.00			0.286	
216.00			0.251	
217.00			0.252	
218.00			0.31	
219.00			0.281	
220.00			0.274	
221.00			0.087	
222.00			0.222	
223.00			0.269	
224.00			0.568	
225.00			0.389	
226.00			0.232	
227.00			0.281	
228.00			0.435	
229.00			0.256	
230.00			0.286	
231.00			0.203	
232.00			0.239	
233.00			0.161	
234.00			0.22	
235.00			0.185	
236.00			0.207	
237.00			0.173	
238.00			0.203	
239.00			0.276	
240.00			0.223	
241.00			0.32	
242.00			0.387	
243.00			0.165	
244.00			0.109	
245.00			0.256	
246.00			0.124	
247.00			0.167	
248.00			0.224	
249.00			0.159	
250.00			0.274	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.15	
252.00			1.288	
253.00			0.121	
254.00			0.156	
255.00			0.103	
256.00			0.135	
257.00			0.515	
258.00			39.5	
259.00			0.522	
260.00			0.274	
261.00			0.96	
262.00			16.52	
263.00			27.68	
264.00			9.047	
265.00			29.36	
266.00			20.08	
267.00			0.689	
268.00			0.213	
269.00			0.723	
270.00			0.252	
271.00			0.387	
272.00			0.344	
273.00			0.234	
274.00			0.455	
275.00			0.215	
276.00			0.244	
277.00			0.134	
278.00			0.026	
279.00			0.207	
280.00			0.018	
281.00			0.348	
282.00			0.021	
283.00			0.538	
284.00			0.808	
285.00			0.231	
286.00			0.466	
287.00			0.427	
288.00			0.207	
289.00			0.177	
290.00			0.388	
291.00			0.168	
292.00			0.193	
293.00			0.213	
294.00			0.117	
295.00			0.049	
296.00			0.261	
297.00			0.316	
298.00			0.227	
299.00			0.278	
300.00			0.104	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.285	
302.00			0.572	
303.00			5.428	
304.00			5.691	
305.00			0.275	
306.00			0.24	
307.00			0.81	
308.00			0.22	
309.00			0.419	
310.00			0.219	
311.00			0.193	
312.00			0.299	
313.00			0.158	
314.00			0.272	
315.00			0.221	
316.00			0.076	
317.00			0.571	
318.00			0.495	
319.00			0.359	
320.00			0.259	
321.00			0.317	
322.00			0.309	
323.00			0.184	
324.00			0.207	
325.00			0.45	
326.00			0.326	
327.00			0.226	
328.00			0.276	
329.00			0.241	
330.00			0.17	
331.00			0.361	
332.00			0.281	
333.00			0.264	
334.00			0.229	
335.00			0.255	
336.00			0.27	
337.00			0.149	
338.00			0.209	
339.00			0.153	
340.00			0.212	
341.00			0.201	
342.00			0.397	
343.00			0.166	
344.00			0.22	
345.00			0.26	
346.00			0.256	
347.00			0.149	
348.00			0.223	
349.00			0.195	
350.00			0.213	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.265	
352.00			0.287	
353.00			0.15	
354.00			0.209	
355.00			0.17	
356.00			0.518	
357.00			0.65	
358.00			0.356	
359.00			0.187	
360.00			0.278	
361.00			0.161	
362.00			0.139	
363.00			0.186	
364.00				
365.00				
366.00				
367.00				
368.00				
369.00				
370.00				
371.00				
372.00				
373.00				
374.00				
375.00				
376.00				
377.00			42.64	
378.00			44.22	
379.00			64.6	
380.00			0.441	
381.00			0.698	
382.00			1.186	
383.00			49.72	
384.00			8.828	
385.00			61.42	
386.00			50.13	
387.00			7.106	
388.00			52.17	
389.00			33.89	
390.00			20.73	
391.00			1.528	
392.00			11.64	
393.00			72.18	
394.00			6.218	
395.00			1.518	
396.00			9.423	
397.00			16.88	
398.00			57.71	
399.00				
400.00			37.36	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
401.00			3.361	
402.00			0.667	
403.00			24.94	
404.00			1.603	
405.00			0.384	
406.00			0.536	
407.00			0.485	
408.00			0.548	
409.00			0.506	
410.00			0.838	
				EOH @ 410.20m

BOX LOG

HOLE: KL-11-31

BOX	FROM (m)	TO (m)
1	0.00	5.00
2	5.00	8.78
3	8.78	12.74
4	12.74	16.65
5	16.65	20.65
6	20.65	24.90
7	24.90	29.09
8	29.09	33.36
9	33.36	37.71
10	37.71	42.03
11	42.03	46.33
12	46.33	50.60
13	50.60	54.84
14	54.84	59.13
15	59.13	63.16
16	63.16	67.43
17	67.43	71.79
18	71.79	76.00
19	76.00	80.16
20	80.16	84.34
21	84.34	88.59
22	88.59	92.82
23	92.82	97.09
24	97.09	101.06
25	101.06	105.33
26	105.33	109.36
27	109.36	113.86
28	113.86	118.03
29	118.03	122.32
30	122.32	126.80
31	126.80	131.20
32	131.20	135.30
33	135.30	139.63
34	139.63	144.00
35	144.00	148.21
36	148.21	152.25
37	152.25	156.29
38	156.29	160.33
39	160.33	164.38
40	164.38	168.33
41	168.33	172.52
42	172.52	176.72
43	176.72	181.00
44	181.00	185.08
45	185.08	189.30
46	189.30	193.65
47	193.65	197.79
48	197.79	201.94
49	201.94	206.04
50	206.04	210.39
51	210.39	214.90
52	214.90	218.52
53	218.52	222.63
54	222.63	226.73
55	226.73	230.60
56	230.60	234.36
57	234.36	237.79
58	237.79	241.56
59	241.56	245.67
60	245.67	248.96
61	248.96	252.50
62	252.50	263.61
63	263.61	267.37
64	267.37	271.49
65	271.49	274.92
66	274.92	278.57
67	278.57	282.85
68	282.85	287.25
69	287.25	291.59
70	291.59	296.00
71	291.59	300.49
72	300.49	304.64
73	304.64	309.02
74	309.02	313.33
75	313.33	317.38
76	317.38	321.87
77	321.87	325.88
78	325.88	330.15
79	330.15	334.42
80	334.42	338.65
81	338.65	342.78
82	342.78	346.89
83	346.89	351.05
84	351.05	355.13
85	355.13	359.35
86	359.35	363.56
87	363.56	367.59
88	367.59	372.94
89	372.94	376.18
90	376.18	380.08
91	380.08	384.17
92	384.17	388.05
93	388.05	391.47
94	391.47	395.44
95	395.44	399.49
96	399.49	403.60
97	403.60	407.51
98	407.51	410.20
	EOH @ 410.20m	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382696.7	6890435.5	1350.403	245.97

SECTION:

HOLE: KL-11-32

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (EOH)

Casing depth: 5.82 (m) in / **out**

Drilling dates: July 04 - 07, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	154.53	38	-49.9	Ranger
32.61	35.8	-50.7	Ranger	185.01	38.2	-49.6	Ranger
93.57	38.4	-50.1	Ranger	215.49	41.9	-49.6	Ranger
124.05	37.9	-50.2	Ranger	245.97	40.2	-49.1	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.82	5.82	OVB	Overburden
5.82	59.00	53.18	GRD	GRD with alteration envelopes around quartz veins.
59.00	71.82	12.82	GRD	Phyllic GRD with sulphides in veining and breccias.
71.82	100.88	29.06	GRD	Phyllic, Clay and Potassic GRD with minor veining.
100.88	106.25	5.37	POR	Purple altered Quartz Feldspar Porphyry Dyke
106.25	123.43	17.18	GRD	Primarily clay and propylitic altered GRD with
				sulphide quartz veining.
123.43	129.40	5.97	POR	Grey/Green and purple quartz feldspar porphyry dyke
129.40	144.27	14.87	GRD	Phyllic, Clay and Potassic GRD with minor veining.
144.27	147.54	3.27	POR	Dark Green and purple quartz feldspar porphyry dyke
147.54	153.45	5.91	GRD	Altered GRD with sulphide veining and breccias.
153.45	202.65	49.2	GRD	Primarily phyllic GRD with sulphide veins and breccia
202.65	209.61	6.96	GRD	Phyllic and sericite altered GRD with sulphide veining
209.61	245.97	36.36	GRD	Primarily unaltered GRD with alteration envelopes
				around quartz carbonate veins
245.97				EOH

SAMPLES

Numbers: K269747-K269889

Total: 143

Batch: DDH-KL-11-32 B1-B4

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-32

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	5.82	5.82				OVB	GYOR																				Overburden
5.82	59.00	53.18				GRD	GY					ms															Light to medium grey, moderate to strong oxidized granodiorite. Contains 0 - 2 mafic zenoliths per meter.
			8.19	8.52	0.33	APL	PK								DK	80	35.0	1									Pink Aplite Dyke
			10.37	10.42	0.05	APL	GYPK								DK	60	5.0	1									Grey Pink Aplite Dyke
			13.13	13.14	0.01	APL	PK								VT	70	0.7	1									Pink Aplite Veinlet
			15.90	16.54	0.64	GRD	LTGN	EN	s			s															Strong Phyllic envelope surrounding a grey and light orange quartz vein containing small blebs of pyrite and galena.
								BL							VN	80	5.1	1		w			w			
			16.54	16.75	0.21	GRD	GYGN						pro	ms													Dark grey green Moderate strong propylitic altered granodioroite.
			16.92	17.04	0.12	GRD	LTGN	EN	s																		Light Green strong phyllic envelope around two parallel quartz veinlets. One is light orange and the other is grey.
															VT	80	0.3	2									
			21.18	21.54	0.36	GRD	GYGN	EN		ms		s-i															Moderate strong clay envelope around a quartz sulphide veinlet
															VT	70	0.5	1				f	w			
			27.02	27.34	0.32	GRD	GYGN	EN	f	ms																	Clay and phyllic altered envelope around a grey quartz veinlet with small pyrite blebs.
								BL							VT	80	0.6	1		w						
			30.00	30.13	0.13	GRD	GYGN	EN					pro	m													Moderate dark grey green propylitic envelope around a light orange and grey quartz veinlet.
															VT	77	0.5	1									
			35.00	36.15	1.15	GRD	GYGN	EN	w				pro	w													Weak phyllic and propylitic envelope around a black breccia in contact with a grey quartz vein.
								BX							VN	83	3.0	1		t						
															VN	83	1.0	1		t						
			41.50	41.62	0.12	GRD	GYGN	EN	m	m			pro	m													Moderate Phyllic then propylitic tehn clay envelope radiating outwards from a grey pyrite veinlet.
															VT	75	0.3	1		40						
			44.81	44.92	0.11	GRD	GN	EN	m	m			pro	w													Moderate phyllic then clay envelopes with weak propylitic alteration radiating outwards from a black breccia vein.
								BX							VN	51	1.0	1		t						
			45.86	45.87	0.01	VEN	BKMT								VT	70	0.2	1		30						Black veinlet with disseminated pyrite
			46.08	46.39	0.31	GRD	WHPH	EN	s	s			pot	m													Strong clay and moderate pottassic envelope around a orange and grey quartz carbonate veinlet.
															VN	67	1.0	1								

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			46.97	47.55	0.58	GRD	WHPH	EN		ms			pot pro	m w													Moderate strong clay and moderate potassic envelope with weak propylitic alteration radiatng outwards froma grey quartz pyrite veinlet.
															VT	71	0.3	1		40							
			48.30	50.08	1.78	GRD	WHGN			s			pro	ms													Strongly clay altered granodiorite with patches of moderate strong propylitic alteration.
			50.08	50.59	0.51	GRD	GN	EN		s																Strong phyllic envelope around a quartz vein with pyrite blebs and large black breccia vein.
								BL							VN	70	3.5	1		i							
								BX							VN	70	18.0	1		w							
			50.59	50.81	0.22	GRD	GYGN			ms			pro	ms													Moderate strong propylitic and clay altered granodioirte.
			54.84	55.73	0.89	GRD	GY	EN		s	i									w						Intensely silicified syrongly clay altered granodiorite (very hard) envelope around long low angle smokey quartz vein.
															VN	15	1.5	1								
59.00	62.32	3.32				GRD	GYGN		ms																	Moderat strong grey green yellow phyllic altered granodiorite.
			59.56	59.58	0.02	BXA	BK	DI							VN	70	1.6	1		w						Black breccia vein with weak amounts of disseminated pyrite.
			59.69	60.43	0.74	BXA	BK	DI							VT	80	0.3	1		t						Long low angle black breccia veinlet with trace amounts of disseminated pyrite.
			60.19	60.23	0.04	BXA	BK	DI							VN	80	4.0	1		w						Black breccia vein with weak amounts of disseminated pyrtite
			60.24	60.25	0.01	BXA	BK													t						Balck breccia vein with trace amounts of disseminated pyrite.
			60.51	60.66	0.15	BXA	BK													t						Black breccia with large clasts
			61.12	62.13	1.01	GRD	GY	EN			s									w-f						Strongly silicified envelope with w-f amounts of disseminated pyrite and pyrite blebs.
															VN	50	1.2	1		w						Envelope is around a dark grey quartz pyrite vein and has been broken up.
62.32	69.27	6.95				GRD	MDGY		n-t																	Medium grey and green granodiorite with none to trace amounts of phyllic alteration.
			67.14	67.40	0.26	GRD	WHPK			ms			pot	ms												Moderate strong clay and potassic altered white pink granodiorite.
			67.40	67.41	0.01	VEN	WH								VN	60	1.0	1								White calcite veinlet.
			67.41	67.55	0.14	GRD	GNGY		ms																	Moderate strong phyllic altered granodioirte
69.27	71.87	2.60				GRD	GNGY		f-s																	fair to strong phyl;lic altered granodiorite
			69.58	70.17	0.59	VEN	BK								VT	5	0.1	1		w						Long narrow branching low angle black breccia veinlet.
			70.36	70.42	0.06	BXA	GN													w						Green breccia with weak amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			70.49	70.58	0.09	VEN	MT								ST	85		10		40-60							Three parallel groups of pyrite stringers forming three bands. Each is ~40-60% pyrite.
			70.64	70.70	0.06	VEN	MT	BL							VN	75	4.5	1		35				Cp	25		Quartz vein with intermixed small and large pyrite and chalcopyrite blebs.
			71.26	71.32	0.06	VEN	BKGY	BX							VN	77	1.4	1		t							Black breccia vein parallel and adjacent to a blue grey quartz pyrite vein.
								BL							VN	77	3.0	1		i							
			71.69	71.87	0.18	GRD	WHGY			s																	Strongly clay altered granodiorite
71.82	76.76	4.94				GRD	GYGN																				Grey green granodiorite.
			72.79	72.95	0.16	GRD	GYGN		m																		Moderatly phyllic altered granodiorirte with three dark grey quartz stringers.
															ST	70		3									
			76.00	76.16	0.16	GRD	GN	EN	s																		Strong phyllic envelope around a black breccia veinlet.
								BX							VN	44	1.0	1									
76.16	79.14	2.98				GRD	WHPK			s			pot	m													Strongly clay and moderatly potassic altered granodiorite.
			77.70	78.50	0.80	GRD	GYGN																				Grey green granodiorite.
			78.57	78.84	0.27	GRD	GNYV	EN		s																	Strong phyllic envelope around a orange chalcedony vein infilled with grey carbonate.
															VN	65	1.0	1									
								BL							VT	80	0.3	1		s							Alose contains a ligth orange quartz veinlet with pyrite blebs.
79.14	81.38	2.24				GRD	GYGN						pro	w													Grey green weakly propylitic granodiorite
			79.88	80.17	0.29	GRD	GNOF	EN	m																		Moderate phyllic envelope with an abundance of a soft orange mineral. It is surrounding a very broken up and rubbley dark grey and white wuartz vein.
															VN			1									Unable to dertermine orientation and thickness of vein.
			80.17	80.40	0.23	GRD	WHPK			ms			pot	f													Moderate strong clay and fair potassic altered granodiorite.
81.38	93.10	11.72				GRD	WHPK			s			pot	f-s													Strong clay and fair to strong potassic with none to moderate propylitic alteration. Quartz veinlets throughout the interval.
													pro	n-m													
															VT	65	0.1	0-3									
			83.00	83.02	0.02	BXA	BK								VN	60	1.4	1		t							Black breccia vein with trace amounts of disseminated pyrite paralled on either side by a grey quartz veinlet.
															VT	60	0.1	2									
			84.64	84.73	0.09	GRD	GYGN	EN	m																		Grey green orange moderate phyllic envelope around a blebby quartz veinlet.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	DETAILED DESCRIPTION
								BL							VT	77	0.3	1		i							
			84.92	84.94	0.02	GRD	DKGN	EN					pro	s													Strong propylitic dark green envelope around a quartz sulphide veinlet.
								BL							VT	85	0.4	1		s		f					
			84.94	85.24	0.30	GRD	GYGN						pro	w													Dark grey, green, purple weakly propylitic granodiorite.
			86.52	87.17	0.65	POR	PUGN	EN							DK	72	35.0	1									Purple altered quartz feldspar porphyry dyke with an abundance of different alteration halos radiating outwards from it. Purple altered dyke -> grey teal altered dyke -> yellow altered dyke with weak clay alteration -> smokey quartz veinlet -> moderatly silicified blue grey granodiorite -> green orange moderatly strong phyllic altered grnodiorite -> strong clay and moderate potassic altered granodiorite.
			88.90	90.22	1.32	GRD	GYGN		w-s				pro	w													Weakly phyllic and propylitic altered granodiorite with patches of strong phyllic alteration around one or more veinlets.
			90.71	91.37	0.66	GRD	GNOR		ms																		Moderate strong phyllic altered green granodiorite with an abundance of a sof unknow orange mineral.
			91.11	91.22	0.11	GRD	GNBL		s		m																Moderatly silicified, strong phyllic granodiorite with an abundance of light orange quartz veinlets. Some prtions of the veinlets have been infilled with grey quartz.
															VT	80	0.1	1									
93.10	97.88	4.78				GRD	GN		s																		Strongly phyllic altered green granodiorite with a few grey quartz veinlets throughput the interval.
															VT	45	0.4	1									
			93.55	94.03	0.48	GRD	GYBL	DI												f		t					Dark grey blue intensely silicified granodiorite with disseminated sulphides. Contains elongate calcite blebs. Most abundant at the start of the interval.
			93.78	93.94	0.16	BXA	DKGY				i									f							Intensely silicified dark grey breccia. Contains fair amounts of disseminated pyrite.
			94.63	95.65	1.02	VEN	GYBN								VN	50	1.1	1		t							Grey brown smokey quartz vein
			95.68	95.78	0.10	VEN	GY	BX							VN	65	1.0	1		t							Grey quartz vein that has brecciated the host rock.
			96.63	96.96	0.33	VEN	DKGY								VN	50	2.4	1									Dark grey and light tan quartz vein
			96.76	97.20	0.44	GRD	GY				ms-i																Moderate strong to intensely silicified granodiorite containing white, grey and dark grey quartz veins. Attitude is difficult to determine because the interval is extremely broken up.
			97.25	97.42	0.17	GRD	GYBL				i									w-ms							Intensely silicified dark grey blue green granodiorite with weak to moderate strong amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
						BXA	BK				i									w								ontains a intensely silicified black breccia with weak amounts of disseminated pyrite.
			97.60	97.80	0.20	GRD	GYGN			i																	Inrensely clay altered grey gnreen granodiorite
97.88	100.88	3.00				GRD	WHGN			s			pot	m													Strong clay and moderate potassic altered white green pink granodiorite with weak to strong patches of propylitic alteration.
													pro	w-s													
			98.26	98.85	0.59	GRD	GYPU						pro	w													Weakly propylitic grey purple green granodioirte.
100.88	106.25	5.37				POR	PU																				Purple altered quartz feldspar porphyry dyke with bands/patches of yellow brown alteration. The dyke is grey and weakly clay altered at the top and bottim of the interval.
106.25	110.15	3.90				GRD	WHPK			ms			pot	m-ms													Moderate strong clay and moderate to moderate strong pottassic altered granodiorite with a few patches of propylitic alteration.
													pro	n-ms													
110.15	120.80	10.65				GRD	PUGY						pro	t													Purple grey green granodiorite with trace amounts of propylitic alteration.
															ST	65		1-2									Multiple grey quartz stringers throughout the interval.
			110.95	111.24	0.29	GRD	GNYV	EN					pro	m													Phyllic and propylitic alteration around a few dark grey and white veinlets.
															VT	55	0.1	4									
			111.24	111.61	0.37	GRD	GNWH			ms			pot	ms													Green white and pink, moderate strong clay, potassic and propylitic altered granodiorite.
													pro	ms													
			111.64	112.31	0.67	GRD	GNOF	EN	s	ms										n-w							Strong phyllic then moderate strong clay envelopes radiating outwards from a grey and light orange quartz vein zone.
															VT	35	1-0.5	1									Grey quartz contains whute calcite blebs
															VN	55	1.0	1									
			112.31	112.83	0.52	GRD	WHPK			s																	Strong clay and moderate strong potassic altered granodiorite.
			114.55	115.82	1.27	GRD	WHGN			ms			pot	ms													Green white pink, moerate strong clay, potassic and propylitic altered granodiorite..
													pro	ms													
			115.82	116.36	0.54	GRD	LTGN	EN		s																	Strong phyllic envelope around a grey/ dark grey quartz/pyrite vein.
															VN	55	3.0	1		i							
			116.30	117.09	0.79	GRD	WHPK			ms			pot	m													Moderate strong clay with moderate potassic and patches of moderate propylitic altered white pink green granodiorite.
													pro	m													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			116.57	116.65	0.08	GRD	GNRD						pro	i														Band of intense propylitic alteration with moderate strong amounts of hematite staining.
													hem	ms														
			117.09	117.37	0.28	GRD	BLGN	EN	s		m									ms								Moderatly silicified, strong phyllic altered granodiorite envelope with moderate strong amounts of disseminated pyrite.
								MA							VN	60	4.0	1		50	m	m	w					Envelope is around a massive pyrite and grey quartz vein.
			117.37	118.35	0.98	GRD	GYGN		w-ms	w-s										t-m								Weak to moderate strong phyllic and weak to strong clay altered grey green granodiorite wit treace to moderate amounts of disseminated pyrite.
															VN	40	2.5	1		25	ms	m						large sulphide quartz vein in the center of teh interval.
			118.57	119.50	0.93	GRD	GYGN		f																			Fair phyllic and weak propylitic altered granodiorite.
								BL							VN	26	0.7	1		s-50								Light orange quartz carbonate veinlet with large pyrite blebs adjacent to it.
120.80	123.01	2.21				GRD	WHPK			ms			pot	ms														Moderate strong clay and potassic altered granodiorite with weak to moderate amounts of proylitic alteration.
													pro	w-m														
			122.08	122.26	0.18	GRD	YWGN	EN	s																			Strong phyllic envelope around a intensely clay altered vein and pyrite veinlet.
										i					VN	60	1.0	1										
															VT	55	0.1	1		90								
123.01	123.43	0.42				GRD	GYGN		ms		m									t-m								Moderate strong phyllic and moderate silicified granodiorite with trace to moderate amounts of disseminated pyrite.
			123.08	123.16	0.08	GRD	GYMT								VN	65	55.0	1		25	f	w						Quartz sulphide vein.
123.43	129.40	5.97				POR	GYPU			n-ms																		Grey green quartz feldspar porphyry dyke which has ~50% of itself altered to purple. The entire interval has been fairly broken and the second half of the interval has undergone moderate strong clay alteration.
129.40	134.80	5.40				GRD	GYGN		ms	m			pro	ms														Moderate strong phyllic altered granodiorite with patches of moderate clay alteration and bands of moderate strong propylitic alteration.
															VT	5-80	0.2	###										Quartz carbonate veinlets throughout the interval
			132.66	132.96	0.30	GRD	WHPK			s			pro	i														Strong clay and moderate potassic altered granodiorite, contains a patch of intense propylitic alteration.
													pot	m														

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															FT	90		1									The patch has fractured and exposed a slickenside surface indicateing a 90° tca.
			133.64	133.70	0.06	BXA	DKGY				i									t-f							Intensely silicified dark grey breccia with trace to fair amonts of disseminated pyrite.
134.83	142.12	7.29				GRD	GYGN						pro	w														Weakly propylitic grey green granodiorite with a few white carbonate stringers or veinlets.
															ST	25		0-2										
															VT	25	0.2	0-1										
			136.85	137.57	0.72	GRD	WHPK			ms			pot	ms														Moderte strong clay and potassic altered granodiorite with patches of fair propylitic alteration.
													pro	f														
			139.40	140.38	0.98	GRD	GNGY		m	w																		Moderate phyllic and weakly clay altered granodiorite. Contains two black veinlets.
															VT	50	0.4	2										
142.21	144.27	2.06				GRD	DKGN						pro	s														Dark green and orange strongly propylitic granodiorite. Contains a large white carbonate vein.
															VN	55	0.9	1										
			143.01	143.02	0.01	APL	RDBN								DK	60	1.8	1										Red brown aplite dyke.
144.27	147.54	3.27				POR	GNPU																					Dark green and purple altered quartz feldspar porphyry dyke. Purple alteration appears to be banded in some places.
147.54	153.45	5.91				GRD	GNGY		w-f	ms			pro	s														Moderate strong clay altered granodiorite with weak to fair phyllic overprint and patches of strong propylitic alteration. Conyains multiple light orange/yellow carbonate veinlets.
															VT	50-8(	0.2-0	###									
			150.35	150.43	0.08	BXA	BK	DI												t-w								Broken up back breccia vein with trace to weak amounts of disseminated pyrite. Cave in due to bit change.
			150.43	150.50	0.07																							
			150.59	150.84	0.25	BXA	BK	DI												t-w								Black breccia with trace to weak amounts of disseminated pyrite.
			151.11	151.13	0.02	BXA	BK								VN	35	2.0	1		t								Black breccia vein.
			152.54	152.80	0.26	GRD	BLGY				s									t-w								Strongly silicifed blue grey orange (ankerite?) granodiorite with trace to weak amounts of disseminated pyrite.
															ST	0-90		>10										
			153.30	153.45	0.15	GRD	BLGY				s																	Strongly silicifed blue grey granodiorite with an abundance of randomly oriented black stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
153.45	156.31	2.86				POR	TNGY			ms																	Tan grey quartz feldspar porphyry dyke. Dyke has been heavily broken up. The second half of the interval has undergone moderate to strong clay alteration.
			153.67	153.75	0.08	VEN	GY								VN	60	###	1									Large grey quartz vein.
			153.82	154.35	0.53	POR	DKGN			s																	Strongly clay altered dark green quartz feldspar porphyry dyke.
156.31	156.94	0.63				GRD	DKGN			i			pro	m													Dark grey green intensely clay altered moderatly propylitic granodiorite.
156.94	157.26	0.32				GRD	YWGN			ms			pro	s													Moderate strong phyllic altered yellow green granodiorite with a strong 1cm propylitic envelope around a light orange quartz carbonate stringer in the center.
															ST	70		1									
157.26	158.56	1.30				GRD	GN			ms			pro	m									t				Moderatly strong phyllic and moderatly propylitic altered green granodiorite. Contains trace amounts of disseminated galena.
158.56	162.17	3.61				GRD	GNGY		s	s			pro	s													Strongly phyllic altered granodiorite with patches of strong propylitic and clay alteration. The end of the interval has been more strongly clay and propylitic altered and broken up.
			158.92	159.06	0.14	POR	GN								DK	70	14.0	1									Green quartz feldspar porphyry dyke.
			159.46	159.48	0.02	VEN	BKMT BL								VN		1.8	1		35							Black sulphide vein with pyrite blebs. Vein has been heavily broken up and orientation cannot be determined.
			160.14	160.15	0.01	BXA	BK								VT	77	0.8	1		w-f							Black breccia veinlet with weak to fair amounts of disseminated pyrite.
			160.40	160.41	0.01	BXA	BK								VT	77	0.8	1		w							Black breccia veinlet with weak amounts of disseminated pyrite.
			162.02	162.04	0.02	BXA	BK								VN	77	1.1	1		w-f							Black breccia vein with weak to fair amounts of disseminated pyrite.
162.17	164.75	2.58				GRD	WHGN			m-s			pro	t-m													Moderate to strong clay altered granodiorite with trace to moderate amounts of propylitic alteration. Majority of the interval has been heavily broken up.
164.75	165.59	0.84				MAF	GYGN													w							Grey green mafic dyke containing weak amounts of disseminated pyrite. Contains an abundance of orange carbonate veinlets and stringers throughout the interval. Orientation is impossible to determine since the interval is heavily broken up.
															VT		0.2-0	>4									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															ST			>10									
			165.50	165.59	0.09	MAF	GYGN				i																Intensely silicified grey green mafic dyke.
165.59	189.58	23.99				GRD	GNYW		s																		Strongly phyllic altered granodiorite. Contains an abundance of orange quartz carbonate stringers.
															ST	60		3-10									
			166.11	166.14	0.03	VEN	GYTN								VN	50	2.4	1									Dark Grey and tan quartz vein.
			166.51	166.53	0.02	VEN	LTOR								VN	12	1.0	1									Long low angle light orange quartz carbonate vein.
			167.94	167.96	0.02	VEN	GYBK								VT	33	0.8	1				45					Grey quartz and black jack sphalerite veinlet
			169.07	169.17	0.10	GRD	GNGY				i																Intensely silicified green grey granodiorite.
			170.20	170.78	0.58	GRD	GYGN			s-i										t-f							Strong to intensely clay altered grey green granodiorite.
															VN	30	1.0	1		30	s	i					The center of the interval contains a zig-zag quartz sulphide vein that has been faulted.
															FT	70		1									
			171.69	171.76	0.07	GRD	GYGN	EN		i																	Intensely grey green propylitic envelope around a dark grey quartz, white carbonate/sulphide vein.
															VN	75	2.0	1									
			171.91	172.25	0.34	GRD	WHPK			ms			pot	m														Moderate strong clay and moderate potassic altered granodiorite.
			173.82	174.37	0.55	GRD	GY			m-i	i									w-f							Intensely silicified grey granodiorite that has undergone moderate to inense clay alteration. Contains weak to fair amounts of disseminated pyrite.
															VN	65	1.0	1		i	w						There is a white grey quartz carbonate veinwith pyrite and arsenopyrite in and around it.
			175.67	176.97	1.30	GRD	DKGN						pro	m-s													Moderate to strong propylitic altered dark green grey granodiorite. Contains multiple quartz carbonate stringers with moderate phyllic envelopes.
								EN	m						ST	45		1-3									
			176.97	177.11	0.14	GRD	GYPK			s			pot	f														Strong Clay and fair potassic altered grey pink granodiorite.
			177.23	177.29	0.06	VEN	WH								VN	20	3.5	1									Large white calcite vein.
			177.41	178.47	1.06	GRD	DKGN						pro	m-s													Moderate to strong propylitic altered dark green grey granodiorite. Contains multiple quartz carbonate stringers with moderate phyllic envelopes.
								EN	m						ST	45		1-3									
			179.75	179.99	0.24	VEN	GY								VN	50	26.0	1									Large grey quartz vein cross cut by a dark grey and light orange quartz carbonate vein. Contains trace amounts of disseminated pyrite.
															VN	13	2.2	1		t							
			180.48	180.50	0.02	VEN	GYWH								VN	45	2.3	1		f							Dark Grey/Light orange/white quartz carbonate vein containing fair amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			182.63	182.65	0.02	VEN	GYMT	BL							VT	68	0.3	1				i	30				Quartz sulphide veinlet
			183.04	183.35	0.31	GRD	DKGN			m			pro	s													Strongly Propylitic dark green granodiorite with patches of yellow white moderate strong clay alteration. Contains a heavily broken up white/grey quartz vein with weak amounts of pyrite and sphalerite.
															VN	40	1	1									
			183.35	187.24	3.89	GRD	GYGN		ms	w-ms										n-w								Heavily broken up, moderate strong phyllic granodiorite with weak to moderate strong amounts of clay alteration. Contains none to weak amounts of disseminated pyrite.
			187.94	188.12	0.18	GRD	GYGN	EN			s		pro	ms														Strongly silicified, moderate strong propylitic altered granodiorite with fair to moderate amounts of dissemnated pyrite.
			188.51	189.22	0.71	GRD	WTGN		m	ms																		Moderate strong clay altered granodiorite with a weak phyllic overprint.
189.58	203.65	14.07				GRD	GYGN						pro	n-w														None to weak propylitic grey green granodiorite
															ST	70		0-3										Contains a few black stringers.
			191.39	191.57	0.18	GRD	GN	EN	ms																			Green moderate strong phyllic envelope around a white carbonate veinlet with blebs of pyrite and sphalerite along its margins
								BL							VT	70	0.7	1		f		w						
			194.70	195.28	0.58	GRD	GNOF	EN			s		pro	f														Strongly silicified, fair propylitic envelope with an abundance of an orange/dark orange mineral. Envelope surrounds a dark grey veinlet, possibly quartz.
															VT	30	0.5	1									
			195.28	195.41	0.13	GRD	WHPH	EN		ms			pot	f														Moderate strong clay and fair potassic envelope around a grey quartz veinlet.
															VT	45	0.5	1									
			199.52	199.60	0.08	GRD	GN	EN		s										w								Strong phyllic envelope containing weak amounts of disseminated pyrite around a quartz carbonate veinlet.
															VT	70	0.2	1									
			200.16	200.63	0.47	GRD	GNYW			ms																		Moderate strong phyllic altered granodiorite with an abundance of grey quartz veinlets and quartz carbonate stringers.
															VT	80	0.2	3									
															ST	85		4									
			202.14	202.31	0.17	GRD	LTGN	EN	f																			Fairly phyllic altered light green granodiorite envelope around three black veinlets with disseminate pyrite.
															VT	70	1-0.8	3		w-f								
202.65	209.61	6.96				GRD	WHGN		m	ms										t-w								Moderate strong clay altered granodiorite with a moderate phyllic overprint. Contains trace to weak amounts of disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			204.71	205.77	1.06	GRD	GYGN	DI					ser	w-m						w-m				To	t-w		Weak to moderate sericite altered grey green granodiorite. Contains weak to moderate amounts of disseminated pyrite and trace to weak amounts of disseminated tourmailine.
			204.93	204.94	0.01	VEN	MT								VT	50	0.3	1		100								Pyrite veinlet
			205.52	205.53	0.01	VEN	MT								VT	75	0.1	1		100								Pyrite veinlet
			205.66	205.67	0.01	VEN	MT								VT	75	0.1	1		100								Pyrite veinlet
			206.82	206.83	0.01	VEN	MT								VN	28	1.0	1		80								Quartz pyrite veinlet
			206.83	206.84	0.01	VEN	MT								VN	80	1.0	1		80								Quartz pyrite veinlet
			207.04	208.21	1.17	GRD	GYOR				i		ser	w-m						w-50				To	w-f		Intensely silicified granodiorite with patches of weak to moderate seritization. Intensely silicified granodiorite contains an abundance of a soft orange mineral, possibly ankerite. Contains weak to 50% disseminated pyrite and weak to fair amounts of disseminated tourmaline.
			208.28	208.41	0.13	GRD	GYGN				i																	Intensely silicifed grey green granodiorite
															VT	70	0.3	1		100								Pyrite veinlt at the end of the interval
			209.33	209.48	0.15	POR	GNGY								DK	55	15.0	1										Green/Tan and dark grey quartz feldspar porphyry dyke.
209.61	245.97	36.36				GRD	GYGN						pro	t														Light to medium grey and green granodiorite with trace propylitic alteration.
										w-m					ST	60		1-5										Contains multiplr black stringers and white quartz carbonate veinlets and stringers with weak to moderate phyhllic envelopes.
										w-m					VT	80	0.1	0-2										
										w					ST	40		0-3										
			212.12	212.19	0.07	GRD	GN	EN	ms				pro	ms														Moderate strong phyllic then moderate strong propylitic envelope surrounding a white quartz carbonate vein.
															VN	73	0.5	1										
			215.17	215.52	0.35	GRD	GN	EN	s				pro	ms														Strong light green phyllic then dark green potassic envelope radiating outwards from a white carbonate/ grey quartz vein with smll pyrite blebs and disseminated pyrite.
															VN	65	1.7	1		f								
			218.51	218.53	0.02	GRD	GY	NT			i				ST			<10										Intensely silicified grey granodiorite with a high abundance of randonmy oriented black stringers forming a net texture.
			218.53	218.59	0.06	MAF	BK								DK	60	6.0	1		t-f								Black mafic dyke with trace amounts of disseminated pyrite.
			223.98	224.08	0.10	GRD	GNOF	EN					pro	ms														A grey/orange alteration envelope then a moderate strong propylitic envelope around a grey/white quartz carbonate veinlet.
															VT	77	0.4	1										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			238.85	239.05	0.20	GRD	GYGN	EN					pro	ms													Moderate phyllic and propylitic envelope with small isolated patches (blebs?) of heamatite staining.
													hem	f													
															ST	80		4									Envelope is around a multitude of black stringers and white carbonate veinlets.
															VT	65	0.3	3									
			241.25	242.63	1.38	GRD	GNGY	EN					pro	m-s													Strong phyllic and moderate strong propylitic alteration surrounding a high abundance of quartz carbonate veinlets and stringers. Phyllic alteration is more dominant in the bottom third of the interval.
													hem	ms													Heamatite only appears in strong propylitic alteration.
															VT	0-80	0.5	1-4									
															ST	0-80		10									
															VT	50	0.2	6									
			245.97																								EOH

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-32

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.05	3.05	1.00	33	0.00	0	S	EW		
3.05	4.27	1.22	1.05	86	0.39	32	S	MW		
4.27	5.18	0.91	0.36	40	0.00	0	W	HW		
5.18	8.23	3.05	2.62	86	0.00	0	MS	HW		
8.23	11.28	3.05	3.09	101	1.32	43	MS	SW		
11.28	14.33	3.05	3.01	99	2.43	80	VS	SW		
14.33	17.37	3.04	3.11	102	1.99	65	MS	SW		
17.37	20.42	3.05	3.05	100	1.37	45	S	SW		
20.42	23.47	3.05	3.00	98	2.07	68	S	SW		
23.47	26.52	3.05	3.05	100	1.27	42	S	SW		
26.52	29.57	3.05	3.01	99	0.63	21	S	SW		
29.57	32.61	3.04	2.98	98	2.44	80	VS	SW		
32.61	35.66	3.05	3.04	100	2.00	66	VS	SW		
35.66	38.71	3.05	2.84	93	1.75	57	VS	SW		
38.71	41.76	3.05	3.07	101	1.73	57	S	SW		
41.76	44.81	3.05	2.87	94	1.26	41	MS	SW		
44.81	47.85	3.04	3.10	102	1.91	63	MS	SW		
47.85	50.90	3.05	3.09	101	1.84	60	MS	SW		
50.90	53.95	3.05	3.08	101	1.95	64	MS	SW		
53.95	57.00	3.05	3.14	103	0.66	22	MS	SW		
57.00	60.04	3.04	2.92	96	2.16	71	S	SW		
60.04	63.09	3.05	3.06	100	1.86	61	S	SW		
63.09	66.14	3.05	3.14	103	1.06	35	S	SW		
66.14	69.19	3.05	3.09	101	0.75	25	MS	FR		
69.19	72.24	3.05	3.06	100	1.93	63	S	FR		
72.24	75.29	3.05	3.03	99	0.87	29	S	FR		
75.29	78.33	3.04	3.09	102	1.93	63	S	FR		
78.33	81.38	3.05	3.08	101	1.24	41	S	FR		
81.38	84.43	3.05	3.06	100	1.66	54	S	FR		
84.43	87.48	3.05	3.07	101	1.92	63	S	FR		
87.48	90.53	3.05	3.04	100	1.68	55	S	FR		
90.53	93.57	3.04	3.09	102	1.69	56	S	FR		
93.57	96.62	3.05	2.98	98	0.58	19	S	FR		
96.62	99.67	3.05	3.18	104	0.68	22	MS	FR		
99.67	102.72	3.05	2.98	98	0.93	30	S	FR		
102.72	105.77	3.05	3.02	99	2.10	69	VS	FR		
105.77	108.81	3.04	3.04	100	1.73	57	S	FR		
108.81	111.86	3.05	3.05	100	1.18	39	S	FR		
111.86	114.91	3.05	3.08	101	2.00	66	S	FR		
114.91	117.96	3.05	3.03	99	1.56	51	MS	FR		
117.96	121.01	3.05	3.09	101	1.19	39	MS	FR		
121.01	124.05	3.04	3.07	101	1.40	46	MS	FR		
124.05	127.10	3.05	3.09	101	0.39	13	S	FR		
127.10	130.15	3.05	3.01	99	0.27	9	MS	FR		
130.15	133.20	3.05	3.17	104	0.55	18	S	FR		
133.20	136.25	3.05	3.09	101	1.15	38	S	FR		
136.25	139.29	3.04	3.08	101	1.21	40	S	FR		
139.29	142.34	3.05	3.04	100	0.59	19	S	FR		
142.34	145.39	3.05	3.10	102	1.46	48	S	FR		
145.39	148.44	3.05	3.09	101	1.07	35	S	FR		
148.44	151.49	3.05	2.97	97	1.31	43	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	3.06	101	1.05	35	S	FR		
154.53	157.58	3.05	3.09	101	0.37	12	W	FR		
157.58	160.63	3.05	3.07	101	1.47	48	S	FR		
160.63	163.68	3.05	3.06	100	0.28	9	W	FR		
163.68	166.73	3.05	3.08	101	0.28	9	MS	FR		
166.73	169.77	3.04	3.05	100	0.63	21	MS	FR		
169.77	172.82	3.05	3.13	103	1.57	51	S	FR		
172.82	175.87	3.05	3.06	100	0.97	32	MS	FR		
175.87	178.92	3.05	3.15	103	0.20	7	MS	FR		
178.92	181.97	3.05	3.04	100	0.14	5	S	FR		
181.97	185.01	3.04	3.04	100	1.03	34	MS	FR		
185.01	188.06	3.05	2.45	80	0.00	0	MS	FR		
188.06	191.11	3.05	2.91	95	1.67	55	MS	FR		
191.11	194.16	3.05	3.15	103	1.97	65	S	FR		
194.16	197.21	3.05	2.96	97	2.26	74	VS	FR		
197.21	200.25	3.04	3.11	102	1.96	64	S	FR		
200.25	203.30	3.05	3.05	100	1.98	65	MS	FR		
203.30	206.35	3.05	3.13	103	1.56	51	S	FR		
206.35	209.40	3.05	3.04	100	1.83	60	S	FR		
209.40	212.45	3.05	2.94	96	2.16	71	MS	FR		
212.45	205.49	-6.96	3.04	-44	2.36	-34	S	FR		
205.49	218.54	13.05	2.97	23	1.83	14	S	FR		
218.54	221.59	3.05	3.03	99	1.97	65	S	FR		
221.59	224.64	3.05	3.07	101	1.57	51	S	FR		
224.64	227.69	3.05	3.11	102	2.06	68	S	FR		
227.69	230.73	3.04	3.09	102	2.12	70	S	FR		
230.73	233.78	3.05	3.02	99	2.16	71	VS	FR		
233.78	236.83	3.05	3.03	99	2.31	76	VS	FR		
236.83	239.88	3.05	3.12	102	2.22	73	S	FR		
239.88	242.93	3.05	3.00	98	2.45	80	S	FR		
242.93	245.97	3.04	3.08	101	1.47	48	VS	FR		EOH @ 245.97m
245.97		-245.97		0		0				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00		0.00		####		####				
0.00		0.00		####		####				
0.00		0.00		####		####				

SAMPLE LOG

HOLE: KL-11-32

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
5.82	8.52	2.70	2.40	89	K269747	1					
8.52	11.00	2.48	2.52	102	K269748	1					
11.00	14.00	3.00	2.94	98	K269749	1					
14.00	15.90	1.90	1.90	100	K269750	1					
15.90	17.04	1.14	1.10	96	K269751	1					
17.04	20.00	2.96	2.93	99	K269752	1					
20.00	23.00	3.00	2.97	99	K269753	1					
23.00	26.00	3.00	2.99	100	K269754	1					
					K269755	1					Standard CDN-ME-16
26.00	29.00	3.00	2.98	99	K269756	1					
29.00	31.00	2.00	1.99	100	K269757	1					
31.00	34.00	3.00	2.96	99	K269758	1					
34.00	36.15	2.15	2.18	101	K269759	1					
36.15	39.00	2.85	2.74	96	K269760	1					
39.00	41.62	2.62	2.68	102	K269761	1					
					K269762	1					Standard CDN-ME-16
41.62	44.00	2.38	2.37	100	K269763	1					
44.00	46.08	2.08	2.07	100	K269764	1					
46.08	48.30	2.22	2.41	109	K269765	1					
48.30	50.08	1.78	1.80	101	K269766	1					
50.08	50.59	0.51	0.51	100	K269767	1					
					K269768	1					Blank
50.59	52.00	1.41	1.43	101	K269769	1					
52.00	54.00	2.00	1.96	98	K269770	1					
54.00	54.84	0.84	0.85	101	K269771	1					
54.84	55.73	0.89	0.90	101	K269772	1					
55.73	58.00	2.27	2.40	106	K269773	1					
58.00	59.00	1.00	0.93	93	K269774	1					
59.00	61.18	2.18	2.16	99	K269775	1					
					K269776	1					Blank
61.18	62.32	1.14	1.14	100	K269777	1					
62.32	65.00	2.68	2.78	104	K269778	1					
65.00	67.14	2.14	2.13	100	K269779	1					
					K269780	1					Duplicate
67.14	69.27	2.13	2.18	102	K269781	1					
69.27	70.36	1.09	1.07	98	K269782	1					
70.36	71.34	0.98	0.99	101	K269783	2					
					K269784	2					Blank
71.34	72.95	1.61	1.59	99	K269785	2					
72.95	74.00	1.05	1.03	98	K269786	2					
74.00	76.16	2.16	2.16	100	K269787	2					
76.16	77.70	1.54	1.59	103	K269788	2					
77.70	79.88	2.18	2.08	95	K269789	2					
79.88	81.38	1.50	1.58	105	K269790	2					
81.38	84.00	2.62	2.64	101	K269791	2					
84.00	86.52	2.52	2.58	102	K269792	2					
86.52	87.17	0.65	0.66	102	K269793	2					
					K269794	2					Standard PL-2
87.17	88.9	1.73	1.76	102	K269795	2					
88.90	91.37	2.47	2.45	99	K269796	2					
91.37	93.10	1.73	1.83	106	K269797	2					
93.10	94.03	0.93	0.91	98	K269798	2					
					K269799	2					Blank
94.03	95.68	1.65	1.62	98	K269800	2					
95.68	97.60	1.92	2.04	106	K269801	2					
97.60	98.85	1.25	1.32	106	K269802	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
98.85	100.08	1.23	1.18	96	K269803	2					
100.08	102.00	1.92	1.89	98	K269804	2					
					K269805	2					Standard CDN-ME-16
102.00	104.00	2.00	1.96	98	K269806	2					
104.00	106.25	2.25	2.22	99	K269807	2					
106.25	109.00	2.75	2.75	100	K269808	2					
109.00	110.15	1.15	1.13	98	K269809	2					
110.15	111.61	1.46	1.46	100	K269810	2					
111.61	112.31	0.70	0.72	103	K269811	2					
112.31	114.55	2.24	2.27	101	K269812	2					
114.55	117.09	2.54	2.47	97	K269813	2					
117.09	118.04	0.95	0.96	101	K269814	2					
118.04	119.50	1.46	1.50	103	K269815	2					
119.50	120.80	1.30	1.32	102	K269816	2					
					K269817	2					Duplicate
120.80	122.08	1.28	1.29	101	K269818	2					
122.08	122.81	0.73	0.74	101	K269819	3					
122.81	123.43	0.62	0.63	102	K269820	3					
123.43	125.00	1.57	1.55	99	K269821	3					
125.00	127.00	2.00	1.95	98	K269822	3					
					K269823	3					Standard CDN-ME-16
127.00	129.40	2.40	2.50	104	K269824	3					
129.40	132.00	2.60	2.71	104	K269825	3					
132.00	133.64	1.64	1.63	99	K269826	3					
133.64	134.83	1.19	1.21	102	K269827	3					
134.83	136.85	2.02	2.18	108	K269828	3					
					K269829	3					Standard CDN-ME-16
136.85	139.40	2.55	2.36	93	K269830	3					
139.40	141.00	1.60	1.48	93	K269831	3					
141.00	142.21	1.21	1.21	100	K269832	3					
142.21	144.27	2.06	2.06	100	K269833	3					
144.27	146.00	1.73	1.75	101	K269834	3					
146.00	147.54	1.54	1.55	101	K269835	3					
147.54	150.35	2.81	2.58	92	K269836	3					
150.35	153.45	3.10	2.98	96	K269837	3					
					K269838	3					Blank
153.45	156.31	2.86	2.90	101	K269839	3					
156.31	157.26	0.95	0.95	100	K269840	3					
157.26	158.56	1.30	1.30	100	K269841	3					
					K269842	3					Duplicate
158.56	160.63	2.07	2.06	100	K269843	3					
160.63	162.17	1.54	1.60	104	K269844	3					
162.17	164.75	2.58	2.60	101	K269845	3					
164.75	165.59	0.84	0.78	93	K269846	3					
					K269847	3					Blank
165.59	168.10	2.51	2.49	99	K269848	3					
168.10	170.20	2.10	2.15	102	K269849	3					
170.20	171.76	1.56	1.62	104	K269850	3					
171.76	173.66	1.90	1.99	105	K269851	3					
173.66	175.67	2.01	1.91	95	K269852	3					
175.67	178.47	2.80	2.79	100	K269853	3					
178.47	181.00	2.53	2.51	99	K269854	3					
181.00	183.04	2.04	1.99	98	K269855	4					
183.04	184.35	1.31	1.32	101	K269856	4					
184.35	187.24	2.89	2.61	90	K269857	4					
187.24	189.58	2.34	1.83	78	K269858	4					
189.58	191.57	1.99	1.89	95	K269859	4					
					K269860	4					Standard CDN-ME-16

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
191.57	194.70	3.13	3.19	102	K269861	4					
194.70	197.00	2.30	2.14	93	K269862	4					
197.00	199.52	2.52	2.55	101	K269863	4					
199.52	202.32	2.80	2.77	99	K269864	4					
202.32	203.65	1.33	1.38	104	K269865	4					
					K269866	4					Duplicate
203.65	204.71	1.06	1.11	105	K269867	4					
204.71	205.77	1.06	1.12	106	K269868	4					
205.77	207.04	1.27	1.24	98	K269869	4					
207.04	208.21	1.17	1.19	102	K269870	4					
					K269871	4					Blank
208.21	209.61	1.40	1.35	96	K269872	4					
209.61	212.00	2.39	2.25	94	K269873	4					
212.00	215.00	3.00	2.95	98	K269874	4					
215.00	216.00	1.00	1.08	108	K269875	4					
216.00	219.00	3.00	2.54	85	K269876	4					
219.00	222.00	3.00	2.97	99	K269877	4					
222.00	225.00	3.00	3.10	103	K269878	4					
225.00	228.00	3.00	2.96	99	K269879	4					
					K269880	4					Standard CDN-ME-16
228.00	231.00	3.00	3.04	101	K269881	4					
231.00	234.00	3.00	2.92	97	K269882	4					
234.00	237.00	3.00	2.97	99	K269883	4					
237.00	240.00	3.00	3.05	102	K269884	4					
240.00	241.25	1.25	1.27	102	K269885	4					
241.25	242.65	1.40	1.43	102	K269886	4					
					K269887	4					Blank
242.65	244.00	1.35	1.36	101	K269888	4					
244.00	245.97	1.97	1.87	95	K269889	4					EOH

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-32

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00			0	OVERBURDEN
2.00			0	OVERBURDEN
3.00			0	OVERBURDEN
4.00			0	OVERBURDEN
5.00			0	OVERBURDEN
6.00			0.479	
7.00			18.66	
8.00			13.66	
9.00			16.7	
10.00			17.13	
11.00			20.74	
12.00			22.47	
13.00			22.3	
14.00			22.45	
15.00			18.97	
16.00			20.04	
17.00			1.271	
18.00			16.85	
19.00			18.01	
20.00			21.15	
21.00			16.99	
22.00			22.47	
23.00			17.93	
24.00			19.78	
25.00			15.63	
26.00			15.71	
27.00			17.81	
28.00			18.84	
29.00			19.47	
30.00			18.99	
31.00			19.55	
32.00			16.93	
33.00			16.12	
34.00			15.13	
35.00			15.8	
36.00			13.32	
37.00			17.96	
38.00			12.85	
39.00			9.382	
40.00			18.72	
41.00			17.66	
42.00			1.185	
43.00			14.62	
44.00			14.35	
45.00			10.46	
46.00			14.6	
47.00			6.373	
48.00			16.06	
49.00			0.392	
50.00			0.435	
51.00			11.87	
52.00			13.33	
53.00			15.75	
54.00			17.66	
55.00			0.912	
56.00			2.208	
57.00			8.335	
58.00			14.51	
59.00			3.257	
60.00			1.892	
61.00			0.492	
62.00			0.413	
63.00			7.905	
64.00			0.978	
65.00			12.3	
66.00			18.82	
67.00			18.1	
68.00			9.91	
69.00			10.17	
70.00			1.671	
71.00			0.35	
72.00			0.537	
73.00			1.102	
74.00			16.09	
75.00			17.05	
76.00			17.03	
77.00			2.249	
78.00			15.11	
79.00			0.822	
80.00			6.887	
81.00			17.77	
82.00			0.362	
83.00			0.474	
84.00			0.531	
85.00			3.803	
86.00			0.397	
87.00			0.559	
88.00			0.559	
89.00			5.225	
90.00			9.692	
91.00			0.355	
92.00			0.792	
93.00			0.492	
94.00			0.141	
95.00			0.185	
96.00			0.244	
97.00			0.365	
98.00			0.447	
99.00			13.83	
100.00			0.641	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.688	
102.00			0.359	
103.00			0.306	
104.00			0.344	
105.00			0.346	
106.00			0.396	
107.00			0.383	
108.00			0.492	
109.00			0.295	
110.00			0.499	
111.00			17.43	
112.00			0.55	
113.00			0.956	
114.00			21.18	
115.00			0.642	
116.00			0.545	
117.00			0.413	
118.00			0.172	
119.00			0.679	
120.00			3.423	
121.00			15.72	
122.00			5.406	
123.00			0.62	
124.00			0.298	
125.00			0.308	
126.00			1.26	
127.00			2.09	
128.00			0.234	
129.00			0.196	
130.00			0.193	
131.00			0.31	
132.00			0.26	
133.00			0.686	
134.00			0.488	
135.00			5.159	
136.00			17.2	
137.00			1.344	
138.00			12.71	
139.00			13.78	
140.00			0.379	
141.00			4.393	
142.00			11.13	
143.00			0.694	
144.00			8.764	
145.00			0.649	
146.00			0.233	
147.00			0.3	
148.00			2.456	
149.00			0.356	
150.00			0.34	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.305	
152.00			0.267	
153.00			0.22	
154.00			0.201	
155.00			0.279	
156.00			0.264	
157.00			0.369	
158.00			0.422	
159.00			0.461	
160.00			0.295	
161.00			0.684	
162.00			0.949	
163.00			3.672	
164.00			0.522	
165.00			0.657	
166.00			0.255	
167.00			0.784	
168.00			0.426	
169.00			0.257	
170.00			0.323	
171.00			0.421	
172.00			0.485	
173.00			0.33	
174.00			0.493	
175.00			0.509	
176.00			5.573	
177.00			0.562	
178.00			7.596	
179.00			0.486	
180.00			0.247	
181.00			0.433	
182.00			0.347	
183.00			0.321	
184.00			0.515	
185.00			0.599	
186.00			0.459	
187.00			0.334	
188.00			0.313	
189.00			0.382	
190.00			2.493	
191.00			2.391	
192.00			22.25	
193.00			26.26	
194.00			14.04	
195.00			22.87	
196.00			11.59	
197.00			26.26	
198.00			22.84	
199.00			10.55	
200.00			24.46	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			19.99	
202.00			16.3	
203.00			26.69	
204.00			0.227	
205.00			0.296	
206.00			0.336	
207.00			0.135	
208.00			0.263	
209.00			0.265	
210.00			12.79	
211.00			21.27	
212.00			14.41	
213.00			23.75	
214.00			22.04	
215.00			20.8	
216.00			23.65	
217.00			22.13	
218.00			15.9	
219.00			24.07	
220.00			19.9	
221.00			22.2	
222.00			18.09	
223.00			17.42	
224.00			3.695	
225.00			19.88	
226.00			17.89	
227.00			17.15	
228.00			19.35	
229.00			16.07	
230.00			16.79	
231.00			17.98	
232.00			14.8	
233.00			17.75	
234.00			13.33	
235.00			21.65	
236.00			16.23	
237.00			17.5	
238.00			17.19	
239.00			4.501	
240.00			12.34	
241.00			5.113	
242.00			1.184	
243.00			25.16	
244.00			40.55	
245.00			15.11	
246.00			EOH @ 245.97m	

BOX LOG

HOLE: KL-11-32

BOX	FROM (m)	TO (m)
1	0.00	6.51
2	6.51	10.54
3	10.54	14.86
4	14.86	19.10
5	19.10	23.46
6	23.46	27.66
7	27.66	32.07
8	32.07	38.24
9	38.24	40.55
10	40.55	44.66
11	44.66	48.80
12	48.80	53.00
13	53.00	57.00
14	57.00	61.29
15	61.29	64.61
16	64.61	68.39
17	68.39	72.52
18	72.52	76.00
19	76.00	80.01
20	80.01	84.13
21	84.13	88.29
22	88.29	92.23
23	92.23	95.61
24	95.61	98.79
25	98.79	102.44
26	102.44	106.52
27	106.52	110.66
28	110.66	114.40
29	114.40	118.23
30	118.23	121.72
31	121.72	125.23
32	125.23	128.65
33	128.65	131.40
34	131.40	136.37
35	136.37	140.13
36	140.13	144.16
32	144.16	148.94
38	148.94	151.94
39	151.94	155.89
40	155.89	160.04
41	160.04	163.68
42	163.68	166.98
43	166.98	170.88
44	170.88	174.95
45	174.95	178.22
46	178.22	181.63
47	181.63	185.11
48	185.11	189.30
49	189.30	193.00
50	193.00	38.00
51	38.00	197.42
52	197.42	201.57
53	201.57	205.46
54	205.46	209.40
55	209.40	217.73
56	217.73	221.79
57	221.79	225.64
58	225.64	229.85
59	229.85	234.05
60	234.05	238.27
61	238.27	242.39
62	242.39	245.97
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382080.19	6889864.9	1353.2	175.87

ZONE:

SECTION:

HOLE: KL-11-33

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (EOH)

Casing depth: 0.00 (m) in / out

Drilling dates: July 06 - 08, 2011

Geology logged by: E. Flavelle

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	114.91	37.6	-45.2	Ranger
23.47	34.2	-49.5	Ranger	130.15	38.5	-44.4	Ranger
53.95	34.8	-48.2	Ranger	145.39	39.3	-43.3	Ranger
84.43	36.5	-46.9	Ranger	175.87	40.9	-41.7	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	35.81	35.81	GRD	Unaltered GRD, some alteration patches.
35.81	74.58	38.77	GRD	Patchy phyllic/argillic GRD.
74.58	84.63	10.05	VN	Phyllic envl. containing qtz vns hsting mineralization.
84.63	109.33	24.70	GRD	Phyllic envl., less freq. mineralized vns.
109.33	115.49	6.16	VN	High freq vns hosting py, as, gn.
115.49	120.54	5.05	FEL	Quartz-feldspar porphyry dyke.
120.54	129.05	8.51	VN	Phyllic envl, many mineralized qtz vns - py,as,gn,sp
129.05	142.62	13.57	GRD	Unaltered GRD, some alteration patches.
142.62	175.87	33.25	GRD	Phyllic altered GRD, some weakly mineralized qtz vns

SAMPLES

Numbers: K272686 - K272767

Total: 82

Batch: DDH-33 B1 - B3

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-33

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	115.49					GRD	GYWH								st	50-60	0.5	2-3						lim	w		Granodiorite. Limonite staining on some surfaces. Moderately fractured, most pieces approximately 20-30cm. Minor quartz-carbonate stringers. Black xenoliths present (up to 10cm wide), occurring more frequently near the top of the interval.
			0.00	4.41			GNWH																	lim	w		Highly broken granodiorite. Very minor limonite staining.
			5.18	6.00			OR			w		m			st	60-70	0.5	5						lim	m		More highly limonite stained, oxidized granodiorite Quartz-carbonate stringers, quartz eyes up to 1cm. Weakly clay altered.
			6.55	7.17			OR			w		m			st	80-90	0.5	5						lim	m		More highly limonite stained, oxidized granodiorite Quartz-carbonate stringers, quartz eyes up to 1cm. Weakly clay altered.
			8.13	8.66			OR					m			st	70-90	0.5	2						lim	m		Fractured, more fine grained oxidized granodiorite. Irregular quartz veinlet. Quartz stringers and orange oxidized stringers. No significant mineralization.
						VN									vn	?	1	1									
			8.73	9.30			OR			w		s	ARG	w	st	80	<0.5	2						lim	s		Highly limonite stained, oxidized granodiorite. Quartz carbonate stringers. Quartz eyes up to 0.5cm. Minor argillic alteration. Moderately fractured.
			10.50	10.60		VN	ORGN		w			m			vn	75	1	1						lim	m		5cm oxidized limonite stained granodiorite followed by competent minor phyllic altered granodiorite bearing a white quartz veinlet. No significant mineralization.
			12.12	14.33		VN	ORWH			w		m	ARG	w	vn	70-80	0.5-1	3						lim	m		Patchy oxidized granodiorite and argillic alterec granodiorite. Limonite staining over entire interval. Irregular quartz veinlet with quartz-carbonate stringers in close proximity.
			14.16	16.70		VN	ORWH		w			m	ARG	m	vn	70	1	1	w	w				lim	m		Argillic altered, minor phyllic altered granodiorite, oxidized/limonite staining over entire interval. Quartz veinlets and stringers. Quartz veinlet oxidized and white, hosting disseminated pyrite. No other significant mineralization.
															st	50-80	0.5	10									
			13.32	19.43			OR					m			st	50-60	<0.5	3						lim	m		Oxidized granodiorite. Very minor quartz carbonate stringers. No significant mineralization.
			20.31	20.87		VN	OR		w			w			vn	80	1	2	w	w							Weakly oxidized, partly phyllic altered granodiorite. Quartz veinlets relatively oxidized and white. Small quartz stringers orange and oxidized. Very minor disseminated pyrite hosted in some of the larger veinlets and stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															st	60-70	0.5	4	t	t							
			23.94	24.78			ORWH		w	w		m			st	70-90	<0.5	10						lim	m		Patchy phyllic/argillic altered granodiorite. Entirely oxidized and moderately competent. Some crumbly sections between unaltered granodiorite and oxidized granodiorite. Small oxidized quartz stringers. Quartz eyes up to 1cm. No significant mineralization.
			24.89	25.02			OR					w			st	60-70	<0.5	3						lim	w		Oxidized granodiorite, minor quartz stringers. No significant mineralization.
			25.50	29.73			ORGN		m	m					st	60-65	0.5	10						lim	m		Oxidized/limonite stained/clay altered phyllic granodiorite with minor argillic alteration. Quartz stringers present over entire interval, most limonite stained, some milky-white. Some shallow dipping, very irregular milky quartz veinlets. No significant mineralization.
						VN									vn	0-20	1	3									
			31.02	31.62			OR			w		w			vt	?	0.5	2?						lim	w		Highly fractured, limonite stained fracture surfaces, minor quartz veinlets but attitude unclear due to fractured nature. No significant mineralization.
			31.92	32.03			GNOR		w			w			st	60	0.5	2	w								Weakly phyllic altered zone with minor sulphide stringers. Some oxidation on either side of the phyllic zone.
			32.16	32.49			OR			t		w												lim	w		Highly fractured, some crumbly, limonite stained granodiorite. No significant veining or mineralization
			32.61	33.11			GN		w			t			vt/st	60-80	<0.5	10	t	t				lim	t		Patchy phyllic/unaltered granodiorite. Quartz stringers and small veinlets present in phyllic altered portions. Trace disseminated pyrite hosted in the largest white quartz veinlet. Minor oxidation/limonite staining.
			35.03	35.22			OR					m			vt	?	0.5	2?						lim	m		Highly limonite stained/oxidized fractured granodiorite, irregular quartz veinlets. Attitude unclear due to fractured nature. No significant mineralization.
			35.38	35.81		VN	OR			w		m			vn	60	3	1						lim	m		Zone grading from unaltered granodiorite to clay altered/oxidized granodiorite, black sulphide vein with quartz inclusions and back to unaltered granodiorite. Fracture closest to sulphide vein appears sheared with limonite and hematite staining.
																								hem	w		
			37.55	37.64			GN		w						vt	?	0.5	2?						chlr	w		Weakly phyllic zone with minor white quartz veinlets. Due to highly fractured nature, attitude of veinlets is unclear. Minor chlorite. No significant mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			37.89	37.93			GN		w						vt	60	0.5	1									Very weakly phyllic altered zone with small milky quartz veinlet. No significant mineralization.
			38.13	38.24			BKGN						PRO	w	vt	40	0.5	1									Weakly propylitic zone with irregular/choppy milky quartz veinlets. No significant mineralization.
															vt	70	0.5	1									
			38.90	39.06		VN			m						vn	60	1	1									Moderately phyllic altered zone with one large milky quartz veinlet. No significant mineralization.
			40.36	40.65		VN	GN								vn	60-70	0.5	5	w	w				lim	t		Moderately phyllic altered zone with limonite staining near and in fractures. Milky quartz veinlets grouped together hosting disseminated pyrite. Cross cutting oxidized fracture through quartz veinlets.
			41.70	41.94			OR			s			ARG	w										lim	s		Very strongly clay altered, minor argillic altered granodiorite. Very soft and crumbly. White altered feldspars evident. Highly oxidized/limonite stained. No significant veining or mineralization.
			42.56	43.65					m				ARG	w	vt/st	60-70	0.5	1	t	t				lim	w		Patchy argillic/very minor propylitic, phyllic altered dominated zone. Phyllic altered patch includes creamy quartz-carbonate veinlets and stringers. Very minor disseminated pyrite around/hosted in these structures. Argillic portion crumbly and incompetent. Competent rock over rest of interval.
													PRO	t													
			43.75	45.18			WH			s			ARG	s	st	70	0.5	3									Argillic altered granodiorite, incompetent and somewhat crumbly. Minor quartz-carbonate stringers. No significant mineralization.
			45.48	46.28			WH			m			ARG	m	st	60	0.5	3									See previous interval 43.75-45.18m
			46.98	47.32			GNWH								st	65	0.5	2									Phyllic altered zone, minor crumbly argillic alteration near end of interval. Milky-clear quartz veinlets with oxidized edges. No significant mineralization.
			47.63	49.50			WHPK						ARG	m	st	60-70	<0.5	3						lim	w		Argillic altered granodiorite. Some patches of highly fractured rock. Minor pink staining over some of interval (potassic?). Minor limonite staining on fracture surfaces. Minor quartz-carbonate stringers. No significant mineralization.
													POT	t													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			49.73	50.50			GNOR		m				ARG	t	vn	50	0.5-1	10	w					lim	w		Phyllic altered interval with trace argillic alteration. Banded 10cm area containing black sulphide stringers/veinlets, carbonate stringers, quartz stringers. Limonite staining on fractures between structures. No other significant mineralization.
			51.26	52.15			GYWH		w				ARG	w	st	70	<0.5	1									Patchy phyllic/unaltered granodiorite/minor argillic altered zone. Competent rock except for crumbly argillic section. Minor quartz stringer in phyllic section. No significant mineralization.
			52.32	52.69			LTGN		m						vt	75-8	0.5	2						lim	w		Moderately phyllic altered zone with milky quartz veinlets. Limonite staining in fractures.
			52.75	53.05									POT	t										lim	t		Highly fractured unaltered granodiorite. Minor potassic alteration, limonite staining in fractures.
			53.88			APL	RD								APL	60	0.5	1									Aplite dyke. Red.
			53.70	54.01			WHGN		s				ARG	m	vt	65	0.5	1	w	w				lim	w		Highly argillic/phyllic altered granodiorite. Argillic crumbly, phyllic more competent. Quartz veinlet in phyllic area hosting sulphide/pyrite stringers. Minor limonite staining on fracture surfaces and trace hematite.
			55.54				RD								vt	70	0.5	1									Oxidized/hematite stained quartz veinlet
			55.64				RDBR								APL	80	0.5	1									Aplite dyke. Red-brown.
			56.36	56.60					m						vt	65	0.5	4	t	t				chlr	w		Phyllic altered interval with milky-white quartz veinlets. Very minor disseminated pyrite. Minor chlorite.
			57.10												vt	70	0.3	1									White quartz veinlet. No significant mineralization.
			57.61	51.74			GN						PRO	w	st	50-70	<0.5	1									Area of minor propylitic altered granodiorite hosting minor quartz stringers. No significant mineralization.
			58.49	55.68		VN	GN		m						vn	50	1	1	w	t	w			Cp	w		Phyllic altered zone with white quartz veinlet hosting black sulphide stringers, blebs of chalcopyrite and arsenopyrite, trace pyrite.
			59.85	60.47		VN	WH		w				ARG	m	vn	50-70	1	3	t	t							Argillic altered granodiorite. Competent with small weakly phyllic altered zones containing clear-milky quartz veinlets hosting trace disseminated pyrite.
			61.69	61.83			GN		w						vt	45	0.5	1									Weakly phyllic altered zone with small quartz veinlets and black stringers. No significant mineralization.
															st	40-80	<0.5	3									
			62.37	62.63			RDPK		w						vt	20	0.5	1	t	t							Very shallow dipping rosy-pink quartz veinlet hosting minor 2cm long pyrite veinlet with same attitude. Black sulphide stringer cross-cutting quartz veinlet hosting very minor pyrite band.
															st	55	<0.5	1	t	t							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			62.75				GN		w						vt	70	<0.5	1	t	t				hem	t		Minor white quartz veinlet hosting minor disseminated pyrite. Minor pink staining in same area.
			63.54			VN	GN		t						vn	75	1	1	t	t							Black veinlet with quartz stringers on either side. Very minor disseminated pyrite hosted in black band.
			64.63	65.05		VN	LTGN		m				ARG	w	vn	70	5	2	w	w	t?		w	hem	t		Phyllic altered interval with very minor argillic alteration close to fractures. Two milky-white quartz veinlets hosting disseminated and pervasive pyrite, disseminated galena, hematite stained spot. Possible arsenopyrite. Minor quartz stringers.
															st	70	<0.5	3	t	t	t						
			66.66	67.85			GN		m						st/vt	70-80	0.5-1	3	t	t							Phyllic envelope containing small quartz stringers/veinlets hosting minor disseminated pyrite. One large milky quartz veinlet with minor vuggy texture. Black sulphide stringers, disseminated pyrite.
						VN									vn	65	4	1	w	w							
			68.39	68.48			GN		m						vt	60	0.5	1	t	t							Moderately phyllic altered zone with milky-white quartz veinlet and black sulphide banding with very minor disseminated pyrite.
			70.50				LTGN		w						vt	55	0.5	1									Weakly phyllic altered granodiorite containing white quartz veinlet and black sulphide stringers hosting minor disseminated pyrite and arsenopyrite.
			70.92				LTGN		w						st	60	<0.5	3	t	t							Weakly phyllic altered granodiorite containing minor milky quartz stringers and black sulphide stringers. Trace disseminated pyrite.
			71.27				GNOR		t						vt	35	0.5	1									Shallow dipping milky-orange quartz-carbonate veinlet. No significant mineralization.
			71.97	72.14			LTGN		m						vt/st	80	<0.5	3									Moderately phyllic altered zone with small white quartz-carbonate veinlets and stringers. No significant mineralization.
			73.81	74.58			LTGN		m						st	60-80	<0.5	5									Phyllic altered section containing small creamy quartz-carbonate stringers throughout interval. No significant mineralization.
			74.61	75.06		VN	GN	EN	m				PRO	w	vn	65	5	1	wm	wm	w		w				Highly fractured moderately phyllic altered, weakly propylitic, small envelope. Large milky-white quartz veinlet hosting disseminated pyrite, arsenopyrite, galena, and black sulphide stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			75.75	84.63			GNBL	EN	ms	m			ARG	m													Competent phyllic envelope with some clay altered portions. Argillic/trace potassic alteration within interval from 80.03-80.51m, competent rock. Phyllic altered section contains several sulphide stringers and veinlets as well as quartz-carbonate stringers. Vein zones found within the interval described individually below.
			80.03	80.51			WH						POT	t													
			78.23												vt	70-80	0.5	3	w	w	t		t				White quartz veinlets hosting disseminated pyrite and arsenopyrite, galena and a black sulphide veinlet.
															vt	75	0.5	1	w	w	t		t				
			28.69			VN									vn	45	5	1	t	t							Large creamy-white quartz veinlet with black sulphide veinlets, disseminated pyrite, pyrite stringers. Minor vuggy texture.
															st	40-50	<0.5	3	w	w							
			79.45			VN									vn	50	3	1									Milky-white quartz veinlet hosting blebby pyrite, disseminated arsenopyrite and black sulphide stringers.
															st	50	<0.5	3									
			81.70			VN									vn	80	1	1	m	m	w						White quartz veinlet hosting blebby pyrite and arsenopyrite, disseminated pyrite cubes. Black sulphide stringers throughout.
															st	80	<0.5	3	m	m	w						
			82.80			VN									vn	45	1	1	m	m							Black sulphide stringers and white quartz veinlets in close proximity hosting pervasive and blebby pyrite.
															st	45	0.5	2	m	m							
			85.33	85.55			LTGN		m						vt	45	0.5	1	t	t							Moderately phyllic altered zone with minor creamy quartz veinlet and sulphide stringers. Minor disseminated pyrite close to these structures.
															st	45	<0.5	3	w	w							
			87.83	88.21		VN	GNPK						POT	m	vn	?	20	1	w								Shallow clear/white quartz vein with black stringers and potassic altered selvage. Area of strong chlorite alteration and blebby pyrite within
			90.17	90.39			WH						ARG	m	st	80	<0.5	1									Argillic altered GRD, minor Qz stringer. No sign mineralization
			90.72	90.93		VN	LTGN		m						vn	55	1	1	w	w	t						Moderate phyllic alt zone containing milky white qz veinlet hosting sulphide stringers and diss Py and As
			91.41	92.04			LTGN		m						vt	40	0.5	2	w	w	t?						Mod phyllic alt zone containing white qz veinlets and sulphide stringers hosting diss Py and As

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			92.43	92.59		VN	LTGN		m						vn	50	1	1	w	w							Mod phyllic alt zone containing one white qz veinlet hosting black sulphide stringers and very minor diss Py
			93.01	93.84			LTGN		w						vt	50-70	<0.5	5	w	w				Se	t		Weakly phyllic altered zone containing minor qz stringers, irregular white qz veinlets, minor diss px, isolated sericite blebs of hematite staining. Aplite dyke, red, in centre of interval
																								He	t		
															APL	50	3	1									
			94.42	94.71			LTGN		m						vt	70	.5	3									Moderately phyllic altered zone containing minor qz carb veinlets. No significant mineralization
			95.05	96.25			GN		ms						vt/st	50-70	<1	8									Mod strong phyllic alt zone containing milky qz carb veinlets and stringers. No significant mineralization.
			96.38	96.63			LTGN		wm																		Weak moderately phyllic alt zone containing minor qz-cb stringers and veinlets hosting trace px.
			98.55	99.18			DKGN						PRO	wm					w	w							Weak to mod propylitic altered GRD, competent. Red hematite staining in fractures, as well as diss px and some px blebs
			99.78	99.92			LTGN		w						st	80	<0.5	2									Weak phyllic alt interval containing very minor creamy qz-cb stringers. No significant mineralization
			100.65	102.02		VN	GN		m						vn	<15	1	1	w	w	t						Mod phyll altered interval containing qtz carb stringers, grey quartz veinlets hosting diss Py and As, and a white Qz veinlet hosting Py and As stringers. Aplite dyke, pink-red near end of interval with a white quartz stringer cutting vertically through hosting minor diss Py
						VN									vn	40	1.5	1	m	m	w						
						APL	PKRD								DK	35	4	1	w	w							
			102.88	102.94		APL	RD								DK	75	1	1									Black xenolith with red Aplite dyke cutting through it
						APL			w						DK	30-90	0.5	2									Weak phyllic alt zone containing multiple red Aplite dykes. Some very shallow. Minor white qz stringers present over interval.
						APL									DK	10	1-3	2.0-3									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			103.90	104.15		VN	DKGN						pro	s	vn	70	1	1	m	m	w						Strong propylitic alt GRD, hosting pervasive Py and As in fractures as well as banded Py and As in close proximity in irregular white qz veinlet
			104.39	105.65		VN	LTGN		m						vn	65	3	1	m	m	w						Mod phyllic alt zone containing qz cb veinlets, a large red-pink Aplite dyke and a large mineralized milky qz veinlet. Py, As stringers and diss in fractures.
							RDPK																				
			107.35	107.73		VN	LTGN		m						vn	70	3	1	t	t							Moderate phyllic altered interval containing milky qz veinlet hosting trace Py
			108.40	109.33			LTGN		m															Se	t		Moderately phyllic altered interval containing very minor creamy qz carb stringers, minor diss Se. No significant mineralization
			109.90	115.49			LTGN	EN	s																		Strong phyllic altered envelope mostly competent rock except for clay/argillic altered portions. Potassic altered overprinting on argillic alt sections. Vein zones included within interval:
			113.20	114.17			WH						ARG	M													
			113.20	114.17			PK						PRO	T													
			110.31			VN									vn	60	3	1	m	m	t		w			1	Milky white qz veinlet hosting pervasive Py and Py stringers, minor diss Gn, trace As
			110.91	111.15		VN									vn	60-70	1-3	2	w	w				Se	t	2	Milky white qz veinlets, some blueish, surrounded my creamy orange carbonate stringers. Minor vuggy texture. Hosting pervasive Py and Py stringers. Some minor diss Se.
			111.36	111.64		VN									vn	80	2	1	m	m	w	m	m			3	Milky qz veinlet hosting pervasive Py, Gn, Sp and disseminated As. Disseminated Py and As over entire interval.
			112.16	112.25			GYGN	XN									5	1	m	m						4	Fine grained xenolith hosting speckly diss Py
			112.65	112.81		VN									vn	65	1-2	5	m	m						5	White and milky qz veinlets,minor vuggy texture, hosting pervasive Py
			114.41																w	w	t?		w			6	Milky qz veinlet surrounded by orange carb stringers hosting blebs of Py and Gn. Possible trace As.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
115.49	120.54					FEL	GN	PO		m					vt	85	4	2	w	w							Qz-Feld porphyry dyke, green in colour, densely populated by milky white qz veinlets, disseminated Py throughout interval. Black sulphide stringers throughout. Minor vuggy texture in larger qz veinlets Mod clay altered over most of interval , slightly more strongly altered crumbled portions.
															vt	80	1-2	5	w	w							
															vt/st	65-80	0.5	10	w	w							
															st	65-80	<0.5	10	w	w							
			120.47	120.54															w	w							Transition zone between FEL PO and large qz vein. Banded and swirly texture. No definite veining present, although there is some minor diss py
120.54	121.37																		vs	vs	s	s	s	Se	w		Very large white qz vein hosting massive Py, banded Gn, As, Sp. Minor vuggy texture. Minor diss Se
121.37	129.05								s				pro	w													Strong phyllic altered envelope with patchy weak propylitic altered sections. White qz veinlets hosting Py stringers and diss Py. Trace argillic alteration
													arg	t													
			122.74												vt	65	0.5	1									
			123.00			VN									vn	75	1	1									
			123.40												vt	60	0.5	1									
			123.47			VN									vn	60	1	1									
			123.68			VN									vn	60	2	1									
			124.71												vt	60	<0.5	1									
			124.81												vt	70	0.5	1									
			124.97												vt	80	<0.5	1									
			125.34			VN									vn	70	2	1									
			125.62												vt	80	0.5	1									
			126.35												vt	70	0.5	1									
			127.24	127.41		GRD	LTGN	EN	m						vn	60-80	20	1	s	s	w	m	m				Phyllic envelope hosting disseminated pyrite over whole interval as well as large grey quartz/milky quartz vein in the middle of interval. Massive pyrite hosted as well as fine grained/stringers of galena, blebs of sphalerite and arsenopyrite.
129.05	142.62					GRD	GYGN																	Se	t		Granodiorite. Fresh and unaltered grey-green ir colour. Trace disseminated sericite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			134.58	137.93		GRD	LTGN	EN	m										mw	mw							Moderately phyllic altered with minor milky-white quartz stringers/veinlets and one area of very high mineralization (137.49-137.78): disseminated pyrite throughout, large fine grained blebs of sphalerite (1-3cm each), disseminated arsenopyrite and trace galena.
			137.49	137.78											vn	'0-80	15	1	s	m	mw	s	t				
			141.79	141.92		VN	GN		m						vn	80	1	1	m	m							Milky white quartz veinlet with black stringers and blebs of pyrite in a moderately phyllic altered zone.
			141.75			VN	GN		m						vn	70	1	1									Minor phyllic altered zone containing unmineralized white quartz veinlet.
			142.06	142.23		GRD	GN		m				PRO	w	vt	80	0.5	2	w	w							Moderately phyllic altered, weakly propylitic granodiorite. Contains two white quartz veinlets with very minor disseminated pyrite.
			145.32	146.62		GRD	LTGN	EN	m																		Phyllic altered envelope containing milky-white quartz veinlets and a hematite stained quartz veinlet crosscut and displaced by a later stage white quartz veinlet (displaced approx. 1cm).
142.62	175.87					GRD	GY			w			PRO	w	APL	50-70	1-3	1						Se	w		Granodiorite. Fresh, unaltered, grey in colour. Minor black stringers. Occasional black xenolith. Many pink Aplite dykes increasing in frequency as you move downhole. Some Aplite dykes with baked margins. Very weak propylitic alteration at some sections which is often crumbly and more clay altered. Weak disseminated sericite and very minor potassic overprinting in some areas.
			173.57	173.73		GRD	GN		wm						vt	75	<0.5	1	t	t							Weak-moderately phyllic altered zone containing milky-white quartz veinlet hosting trace disseminated pyrite.
			174.82	175.87		GRD	GN	EN	ms										t	t							Phyllic envelope, moderately strong, hosting minor disseminated py.
																											END OF HOLE

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-33

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	5.18	5.18	2.00	39	0.75	14	-	-		CASING
5.18	8.23	3.05	2.94	96	1.47	48	S	SW		
8.23	11.28	3.05	2.89	95	1.45	48	MS	MW		
11.28	14.33	3.05	3.00	98	1.80	59	MS	SW		
14.33	17.37	3.04	2.97	98	2.35	77	MW	SW		
17.37	20.43	3.06	2.87	94	2.21	72	MS	SW		
20.43	23.47	3.04	2.71	89	1.68	55	MS	SW		
23.47	26.52	3.05	3.05	100	0.97	32	W	MS		
26.52	29.57	3.05	3.02	99	0.98	32	W	SW		
29.57	32.61	3.04	3.01	99	0.87	29	MS	SW		
32.61	35.66	3.05	2.92	96	1.07	35	MS	SW		
35.66	38.71	3.05	3.00	98	0.82	27	MS	SW		
38.71	41.76	3.05	3.05	100	1.14	37	MS	SW		
41.76	44.81	3.05	3.60	118	0.63	21	MS	SW		
44.81	47.85	3.04	2.75	90	0.89	29	MS	SW		
47.85	50.90	3.05	2.78	91	1.40	46	MS	FR		
50.90	53.99	3.09	2.90	94	1.26	41	MS	FR		
53.99	57.00	3.01	2.95	98	1.70	56	S	FR		
57.00	60.05	3.05	3.05	100	1.96	64	M	FR		
60.05	63.09	3.04	3.02	99	1.54	51	M	FR		
63.09	66.14	3.05	3.07	101	1.47	48	M	FR		
66.14	69.19	3.05	2.93	96	1.34	44	MS	FR		
69.19	72.24	3.05	2.90	95	2.04	67	S	FR		
72.24	75.29	3.05	3.12	102	1.05	34	M	FR		
75.29	78.33	3.04	2.98	98	1.18	39	M	FR		
78.33	81.38	3.05	2.82	92	1.15	38	MS	FR		
81.38	84.43	3.05	2.94	96	1.20	39	S	FR		
84.43	87.48	3.05	3.00	98	1.26	41	MS	FR		
87.48	90.53	3.05	3.00	98	1.85	61	MS	FR		
90.53	93.57	3.04	3.05	100	1.93	63	MS	FR		
93.57	96.62	3.05	2.86	94	2.07	68	MS	FR		
96.62	99.67	3.05	3.04	100	1.14	37	MS	FR		
99.67	102.72	3.05	3.11	102	1.88	62	MS	FR		
102.72	105.77	3.05	3.07	101	2.18	71	MS	FR		
105.77	108.81	3.04	2.99	98	2.00	66	M	FR		
108.81	111.86	3.05	3.10	102	1.90	62	M	FR		
111.86	114.91	3.05	2.94	96	1.34	44	MS	FR		
114.91	117.96	3.05	3.01	99	1.50	49	M	FR		
117.96	121.01	3.05	2.91	95	0.64	21	MS	FR		
121.01	124.05	3.04	2.99	98	2.40	79	MS	FR		
124.05	127.10	3.05	3.06	100	1.70	56	MS	FR		
127.10	130.15	3.05	2.90	95	1.50	49	MS	FR		
130.15	133.20	3.05	2.86	94	1.96	64	MS	FR		
133.20	136.25	3.05	3.09	101	2.25	74	MS	FR		
136.25	139.29	3.04	3.05	100	1.90	63	MS	FR		
139.29	142.34	3.05	2.87	94	1.86	61	MS	FR		
142.34	145.39	3.05	3.01	99	1.91	63	MS	FR		
145.39	148.44	3.05	3.02	99	2.55	84	S	FR		
148.44	151.49	3.05	2.96	97	2.20	72	MS	FR		
151.49	154.53	3.04	2.94	97	1.76	58	S	FR		
154.53	157.58	3.05	3.01	99	1.60	52	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.58	160.63	3.05	3.12	102	1.83	60	S	FR		
160.63	163.86	3.23	3.07	95	2.53	78	S	FR		
163.86	166.73	2.87	3.13	109	2.03	71	S	FR		
166.73	169.77	3.04	2.94	97	2.24	74	MS	FR		
169.77	172.82	3.05	3.00	98	2.30	75	MS	FR		
172.82	175.87	3.05	3.10	102	2.25	74	VS	FR		
										EOH @ 175.87m

SAMPLE LOG

HOLE: KL-11-33

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.41	4.41	1.16	26	K272686	1					
4.41	6.55	2.14	2.12	99	K272687	1					
6.55	9.30	2.75	2.64	96	K272688	1					
9.30	12.12	2.82	2.68	95	K272689	1					
12.12	14.33	2.21	2.15	97	K272690	1					
14.33	16.68	2.35	2.37	101	K272691	1					
16.68	20.27	3.59	3.40	95	K272692	1					
					K272693	1					STANDARD: CDN-ME-16
20.27	23.94	3.67	3.68	100	K272694	1					
23.94	31.02	7.08	1.60	23	K272695	1					
31.02	35.00	3.98	3.60	90	K272696	1					
35.00	36.31	1.31	1.24	95	K272697	1					
36.31	39.06	2.75	2.69	98	K272698	1					
39.06	41.94	2.88	2.90	101	K272699	1					
					K272700	1					BLANK
41.94	45.48	3.54	3.17	90	K272701	1					
45.48	47.63	2.15	2.05	95	K272702	1					
47.63	51.25	3.62	3.20	88	K272703	1					
51.25	54.01	2.76	2.32	84	K272704	1					
54.01	57.61	3.60	3.53	98	K272705	1					
57.61	60.47	2.86	2.90	101	K272706	1					
60.47	62.95	2.48	2.42	98	K272707	1					
62.95	64.67	1.72	1.62	94	K272708	1					
					K272709	1					DUPLICATE
64.67	65.77	1.10	1.09	99	K272710	1					
65.77	66.94	1.17	1.13	97	K272711	1					
66.94	68.52	1.58	1.50	95	K272712	1					
68.52	70.39	1.87	1.83	98	K272713	1					
					K272714	1					STANDARD: CDN-ME-16
70.39	72.14	1.75	1.66	95	K272715	1					
72.14	73.81	1.67	1.65	99	K272716	1					
73.81	75.06	1.25	1.21	97	K272717	1					
75.06	76.75	1.69	1.68	99	K272718	1					
76.75	80.03	3.28	2.95	90	K272719	1					
					K272720	1					BLANK
80.03	81.38	1.35	1.31	97	K272721	1					
81.38	82.97	1.59	1.56	98	K272722	2					
					K272723	2					BLANK
82.97	85.53	2.56	2.44	95	K272724	2					
0.00	87.79	87.79	2.18	2	K272725	2					
87.79	90.03	2.24	1.97	88	K272726	2					
90.03	93.01	2.98	2.92	98	K272727	2					
93.01	95	1.99	1.93	97	K272728	2					
95.00	97.00	2.00	1.94	97	K272729	2					
97.00	100.65	3.65	3.57	98	K272730	2					
					K272731	2					DUPLICATE
100.65	102.02	1.37	1.41	103	K272732	2					
102.02	103.79	1.77	1.79	101	K272733	2					
103.79	105.76	1.97	1.91	97	K272734	2					
105.76	109.70	3.94	3.82	97	K272735	2					
					K272736	2					STANDARD: CDN-ME-16
109.70	111.24	1.54	1.55	101	K272737	2					
111.24	112.81	1.57	1.54	98	K272738	2					
112.81	115.55	2.74	2.61	95	K272739	2					
115.55	118.88	3.33	3.31	99	K272740	2					
118.88	120.30	1.42	1.34	94	K272741	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
120.30	121.64	1.34	1.31	98	K272742	2					
					K272743	2					BLANK
121.64	122.70	1.06	1.04	98	K272744	2					
122.70	124.37	1.67	1.64	98	K272745	2					
124.37	126.27	1.90	1.85	97	K272746	2					
126.27	127.27	1.00	0.95	95	K272747	2					
127.27	128.41	1.14	1.06	93	K272748	2					
128.41	131.45	3.04	2.91	96	K272749	2					
					K272750	2					STANDARD: CDN-ME-16
131.45	134.49	3.04	2.86	94	K272751	2					
134.49	136.25	1.76	1.74	99	K272752	2					
136.25	137.93	1.68	1.68	100	K272753	2					
137.93	139.77	1.84	1.80	98	K272754	2					
139.77	141.85	2.08	1.71	82	K272755	2					
141.85	143.68	1.83	1.82	99	K272756	2					
143.68	145.32	1.64	1.62	99	K272757	2					
145.32	146.38	1.06	1.05	99	K272758	3					
146.38	150.34	3.96	3.90	98	K272759	3					
150.34	154.19	3.85	3.81	99	K272760	3					
154.19	158.17	3.98	3.96	99	K272761	3					
158.17	162.16	3.99	3.98	100	K272762	3					
					K272763	3					STANDARD: CDN-ME-16
162.16	166.16	4.00	3.97	99	K272764	3					
166.16	170.19	4.03	3.94	98	K272765	3					
170.19	173.32	3.13	3.00	96	K272766	3					
173.32	175.87	2.55	2.57	101	K272767	3					
											END OF HOLE

DENSITY LOG

Hole: **KL-11-33**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1980.2	1726.5	2 kg standard		7.81
54.95	GRD									7.843	4.197	362.1	310.8	Unaltered granodiorite.	3.34	7.06
												1984.16	1813.5	2 kg standard		11.63
116.39	FEL	PO	GN							7.832	4.178	347.7	249.1	Quartz feldspar poyphyry dyke.	3.24	3.53

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-33

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00			13.17	
2.00			12.54	
3.00			11.55	
4.00			37.66	
5.00			34.13	
6.00			12.79	
7.00			0.251	
8.00			11.43	
9.00			0.183	
10.00			0.986	
11.00			11.2	
12.00			11.89	
13.00			0.288	
14.00			0.386	
15.00			0.847	
16.00			0.205	
17.00			14.79	
18.00			11.18	
19.00			12.32	
20.00			14.04	
21.00			13.24	
22.00			5.449	
23.00			2.702	
24.00			4.061	
25.00			2.217	
26.00			0.13	
27.00			0.177	
28.00			0.227	
29.00			0.131	
30.00			2.755	
31.00			2.536	
32.00			1.545	
33.00			1.801	
34.00			9.37	
35.00			0.653	
36.00			14.16	
37.00			7.361	
38.00			6.477	
39.00			0.344	
40.00			0.741	
41.00			7.18	
42.00			7.114	
43.00			0.208	
44.00			0.135	
45.00			0.227	
46.00			0.167	
47.00			0.29	
48.00			4.044	
49.00			0.208	
50.00			0.854	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.701	
52.00			0.449	
53.00			15.6	
54.00			5.974	
55.00			3.076	
56.00			1.813	
57.00			5.842	
58.00			11.12	
59.00			10.46	
60.00			0.441	
61.00			10.47	
62.00			11.16	
63.00			9.425	
64.00			2.879	
65.00			2.889	
66.00			4.433	
67.00			0.858	
68.00			0.83	
69.00			12.71	
70.00			8.235	
71.00			1.626	
72.00			2.056	
73.00			8.569	
74.00			1.645	
75.00			0.574	
76.00			3.056	
77.00			1.034	
78.00			0.209	
79.00			2.256	
80.00			0.298	
81.00			1.83	
82.00			0.578	
83.00			0.259	
84.00			1.296	
85.00			4.939	
86.00			6.886	
87.00			11.76	
88.00			14.7	
89.00			4.887	
90.00			2.301	
91.00			2.117	
92.00			0.446	
93.00			5.317	
94.00			0.544	
95.00			16.47	
96.00			0.268	
97.00			16.36	
98.00			15.34	
99.00			1.085	
100.00			17.69	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.237	
102.00			0.634	
103.00			15.75	
104.00			0.989	
105.00			0.705	
106.00			6.338	
107.00			11.74	
108.00			0.217	
109.00			0.378	
110.00			4.122	
111.00			0.296	
112.00			0.416	
113.00			0.226	
114.00			0.29	
115.00			0.291	
116.00			0.148	
117.00			0.133	
118.00			0.143	
119.00			0.178	
120.00			0.193	
121.00			3.1	
122.00			0.921	
123.00			0.975	
124.00			1.021	
125.00			0.288	
126.00			0.321	
127.00			2.382	
128.00			0.659	
129.00			8.041	
130.00			3.481	
131.00			7.287	
132.00			2.856	
133.00			0.565	
134.00			1.24	
135.00			5.431	
136.00			0.195	
137.00			0.626	
138.00			5.17	
139.00			11.54	
140.00			10.26	
141.00			11.41	
142.00			11	
143.00			6.765	
144.00			17.27	
145.00			4.616	
146.00			1.162	
147.00			10.39	
148.00			14.26	
149.00			8.791	
150.00			17.74	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			14.42	
152.00			15.32	
153.00			17.19	
154.00			9.623	
155.00			9.754	
156.00			1.063	
157.00			13.21	
158.00			12.47	
159.00			10.72	
160.00			7.55	
161.00			16.69	
162.00			13.4	
163.00			12.33	
164.00			15.33	
165.00			11.5	
166.00			6.561	
167.00			12.99	
168.00			7.391	
169.00			13.97	
170.00			14.73	
171.00			17.59	
172.00			5.805	
173.00			10.25	
174.00			11.82	
175.00			3.04	
EOH @ 175.87m				

BOX LOG

HOLE: KL-11-33

BOX	FROM (m)	TO (m)
1	0.00	8.71
2	8.71	14.17
3	14.17	19.88
4	19.88	25.39
5	25.39	30.71
6	30.71	36.33
7	36.33	41.64
8	41.64	47.30
9	47.30	52.99
10	52.99	58.75
11	58.75	64.34
12	64.34	69.89
13	69.89	75.29
14	75.29	81.16
15	81.16	87.00
16	87.00	92.82
17	92.82	98.55
18	98.55	103.98
19	103.98	109.70
20	109.70	115.33
21	115.33	121.01
22	121.01	126.64
23	126.64	132.29
24	132.29	137.93
25	137.93	143.83
26	143.83	149.49
27	149.49	154.98
28	154.98	160.85
29	160.85	166.33
30	166.33	171.92
31	171.92	175.87
EOH @ 175.87m		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382657.07	6890557.2	1338.29	245.97

SECTION:

HOLE: KL-11-34

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (245.97m / EOH)

Casing depth: _____ (m) in / **OUT**

Drilling dates: July 07 - 10, 2011

Geology logged by: Nick Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	154.53	35	-50.5	Ranger
63.09	33	-50.3	Ranger	185.01	36	-50	Ranger
93.57	33.5	-50.2	Ranger	215.49	35.6	-50.2	Ranger
124.05	34	-50.4	Ranger	245.97	38.4	-49.9	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.23		OVB	Overburden
8.23	16.72		GRD	Unaltered granodiorite
16.72	74.84		GRD	Phyllic > argillic > propylitic alterd GRD w/ qtz-sulphide veining with minor mineralization
74.84	80.80		POR	Qtz-feldspar porphyry dyke
80.80	94.06		GRD	Phyllic > argillic > propylitic alterd GRD w/ mod-strong mineralization in qtz-sulphide veining and black breccias
94.06	99.33		POR	Qtz-feldspar porphyry dyke
99.33	159.23		GRD	Variable phyllic, argillic an propylitic altered GRD with w/ moderate to strong sulphide mineralization in qtz/ qtz-carb veining and black breccias
159.00	245.97		GRD	Moderate into weakly altered GRD downhole with minor sulphide mineralization in qtz veins. EOH

SAMPLES

Numbers: K863099-K863150; K973001-K973083

Total: 135

Batch: DDH-34 B1-B4

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE : KL-11-34

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
0.00	8.23					OVB	WH-BL-RDS	MA				s															Fractured, oxidized crumbly core. Unaltered GRD. Lots of redrill
8.23	16.72					GRD	WH-BL	MA				s	prop	t													UNALT'D GRD. Limonite staining along fractures shallow limonite veinlets common. Trace propyllitic alt'n downhole
															VT	0-20	0.1										
			12.52	13.09		GRD	BG	EN		s																	SULPHIDE QTZ VEIN W/ ARGILLIC ALT ENVELOPE. Orange stained and white medium banded (0.5cm) qtz vein w/ 2mm Py stringe; vein in argillic envelope
			12.75	12.77		VEN	GY-YL	BN							VN	80	2										
16.72	28.73					GRD	WH/GN	MA	ms	ms		m															ARGILLIC ALT'D GRD. Greenish white argillic and phyllic alt'd GRD. Core v. Soft, crumbly. Subhorizontal black ?sulphide and grey white qtz veinleting throughout. Limonite staining on fractured surfaces
															VT	0-45	<.3										
			18.53	18.93		VEN	WH-BK	BN							VN	20	3.5										QTZ VEIN. Black and white thick (1cm) banded qtz and ?sulphide vein; minor netting; blebs of red hematite (~3%) throughout
			25.15	25.20		VEN	BG-WH	MA							VN	90?	1.2										GALENA IN QTZ-CARB VEIN. Beige white mxx qtz-carb vein hosting <6mm blocky galena, <4mm blebs of Py and minor <3mm blebs of Sph, Sulphides located along vein rims. Diss Pyt at vein contact wand into phyllic alt'd host rock. Core very crumbly here.
								BL												ms		w	s				
			25.40	25.88		VEN	BL	MA							VT	0-5	.5										VEIN: Black massive ?sulphide vt runs along core axis. Vein fractured, host rock soft and crumbly phyllic alt'd/(overprinted argillic) GRD.
			26.00	26.35		GO	LTGN	SH	ms	s																	GOUGE. Lt green ?sheared fragments oh phyllic alt'd GRD <6cm in soft clayey medium grained matrix. Diss Py present in patches <3cm
								DI												w							
			28.30	28.56		VEN	BK-BG	BN							VN	10	5										VEIN. Black and beige whispy banded ?sulphide ?qtz limonite vein 5cm thick

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
28.73	51.66					GRD	GN	MA					prop	w													PROPYLLITIC ALT'N. Lt green weakly propyllitic alt'd GRD. Zones of phyllic and argillic alt'n present and described below. White phenocrysts (plag-> clay?) effervesce throughout core = ?montmorillinite alt'n prior to prop? Calcite vts common
															VT	30-80	.1	5-11									
			31.19	33.13		GRD	DK-LTGN	EN	s				prop	w													PHYLLIC ALT. 5 phyllic envelopes ranging from 2cm-50cm around milky white massive qtz-carb vts to vns. Uppermost veinlet hosts blebby hematite w/ traces of Py, Gn. Lowermost vein is grey-black medium banded (<5mm) w/ semi massive Py and diss Gn. Diss Py strong around vein
			32.91	32.94		VEN	GY-BL	BN							VN	80	3			l			t				
			36.84	38.24		GRD	BG-PK	MA		ms			pot	w													ARGILLIC ALT. Beige pink argillic alt'n w/ frequent grey qtz veinlets and one 1cm translucent-white brecciated qtz-carb vein. Limonite along fractured surface proximal to vein.
															VT	75	<.2	10									
															VN	60	1										
			40.30	41.00		GRD	BG-PK	MA		s			pot	w													ARGILLITIC ALT. Beige pink argillic w/ weak potassic alt'n. White massive qtz veins frequent
															VT	40-50	<.2	6									
			46.51	47.17		GRD	LTGN	EN	ms																		QTZ CARB VEIN PHYLLIC ENVELOPE. Beige translucent brecciated branchy qtz-carb veining in phyllic envelope; minor blebby Py and Gn along veir rims
			46.79	46.84		VEN	BG-WH	BX							VN	60	4										
								BL												w			t				
			50.07	50.41		GRD	LTGN	MA	ms	ms																	PHYLLIC ALT. Lt green phyllic alt'n overprinting argillic. Subvertical Py stringers present as well as qtz carb vts. Black stringers x-cut by qtz vts
															VT	80	<.2	8									
51.66	74.84					GRD	LT-DKGN		s	s	ms		prop	m													PHYLLIC ALT' N W/ zones of argillic, silicia flooded and propyllitic alt'n. Frequent black stringers both horizontal and vertical to core axis. Frequent qtz and qtz carb vts w/ variable orientations 10-90 degrees. Infrequent qtz veining, some veins host minor sulphides. Core has phyllic alt'n unless noted below
															VT	10-90	<.5	6									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.
															ST	10,85	<.5	10										
															VN	70-90	<2	2		m		ms						
			52.18	52.19		VEN	GY-WH	MA							VN	50	1											SPH QTZ VEIN. Grey white massive qtz vein w/ honey brown Sph bordering blackjack Sph along vein rim. Diss Py along vein contact. Blebby beige Ch w/ in vein
								DI												w		s						
			53.13	53.27		VEN ?	GY	?												m								DISS PY. Fractured grey sulphide vein? Diss Py along grey fractured surfaces
			56.10	57.14		GRD	BG	MA		s		m																ARGILLIC ALT. Very soft, crumbly beige argillic alt'd GRD. Some surfaces oxidized
			57.14	57.60		VEN ?	BK	MA							VN	5	1											BLACK SULPHIDE? ?vein 1cm thick located w/in crumbly clay alt'd GRD. Unit difficult to identify
			57.25	63.07		GRD	GN	MA	s		s																	SILICA/PHYLLIC ALT'N. Patchy lt-drk green, milky white spotted strongly silica flooded phyllic alt'd GRD. Intense veinletting creates netted texture. Black ?goethite on fractured surfaces.
			63.07	65.60		GRD	BG-GN	MA	ms	s																		ARGILLIC ALT'N. Fractured very crumbly phyllic alt'd GRD w/ strong argillic overprinting. Pieces of qtz veining observed, no mineralization observed
			65.80	67.50		VEN	BG-WH	BN							VN	0-5	4											QTZ VEIN IN CLAY. Beige white thinly banded qtz vein. Core competent along vein rims core soft and clayey w/ qtz framgents inside rims. Other possibilities|: multiple veins w/in clay alt'n or it's that vein marks argillic alt-phyllic alt contact.
								DI												f								
			67.70	67.72		VEN	WH	MA							VN	80	2			m		f						QTZ VEINLET AND VIEN. Veinlet: Gry vuggy qtz w/ beige rims. Vein: White massive qtz hosting blebby Py and Sph. Vein has some patchy beige colouring
								VU							VT	80	.8											
			69.00	69.88		VEN	DKGN						prop	m														PROPYLLITIC ALT'N. Drk green prop alt'd GRD. Black veinlets 80 degrees frequent
			69.00	69.19		VEN	BK	MA							VT	0	.5											Black massive ?sulphide veinlet horizontal to core axis
			69.88	70.23		GRD		MA		s																		BEIGE ARGILLIC ALT'N
			70.23	71.57		GRD	LTGN	MA	S																			3 SULPHIDE BEARING VEIN ZONES. UPPER: Milky white massive qtz vein minor diss Py. MIDDLE: Black stringy veining w/ milky white strings. Diss Py, As, Sph througout. BOTTOM: Black and white massive vuggy qtz-sulphide veining. Diss Py, As, Sph throughout

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.
			70.56	70.57											VN	90	<1			w								
			70.98	71.07											VN	80	<3			ms	s	l						
			71.53	71.57											VN	90	<1			s	s	l						
			73.31	74.84		GRD	LTGN	MA	s																			INCREASE IN STRINGERS AND VEINING. Lt and drk green phyllic alt'd GRD w/ silica flooding. Frequent Py stringers and veinlets both subvertical to core axis and branching from white qtz veining. One blebby Sph, Py bearing milky qtz vein occurs mid interval. Diss Py, sericite throughout interval
						VEN	WH								VN	85	<.9			m		ms						
			74.84			C				ms																		CONTACT. Upper unit: Phyllic alt'd GRD transitioning to beige-black clayey gouge? LOWER UNIT: Fractured and clay infilled qtz-feldspar porphyry dyke
			74.84	80.80		POR	BG-RD	MA		ms																		QTZ-FELDSPAR PORPHYRY DYKE. Beige with bands of red massive qtz-felds porphyry dyke. Red zones <60cm thick - probably hematite staining. Plag phenos <1cm. Calcite vts frequent
															VT	10-80	.2											
80.80	94.06					GRD	LT-DKGN	MA	m-s																			PHYLLIC ALT'N. Overall zone of moderate gto strong phyllic alt'n w/ various degrees of silica flooding. Qtz and qtz-carb vts and vns frequent. Other alt'n intervals and noteworthy veins and textures noted below. Strong mineralization zones o‡ breccia and veining present
			81.09	81.11		BXA	BL	BX																				BLACK BRECCIA. Clasts <8mm of phyllic alt'd GRD in black fine grained matrix hosting diss Py.
			84.96	85.15		GO	BG-GN	SH																				GOUGE. Fragments <4cm of phyllic alt'd GRD in soft clayey matrix
			85.42	85.96		VEN		MA																				SULPHIDE VEIN ZONE. Black and white massive qtz-sulphide vts to vns hosting… UPPER veinlets: diss Py, Gn; 2 LOWER veins: diss to blebby Py, diss As, blebby honey brown Sph
															VT	70-90	<.5											
															VN	80,90	1,1.2											
			86.57	86.70		VEN		MA							VN	0	.5											Milky white qtz veinlet horizontal to core axis. No mineralization observed
			87.42	87.43		VEN	BL-WH	BN							VN	70	<.8			m								QTZ VEIN. Black grey beige medium (0.4cm) banded qtz-Ch vein hosting blebby Py in black sulphides. Vein w/in propyllitic envelope which reaches 4cm adjacent to vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
						GRD	GN	EN					prop	ms														
			87.70	87.78		GRD	DKGN	EN	ms																			BLACK BRECCIATED VEIN? IN PROPYLLITIC ENVELOPE. Clasts of phyllic alt'd GRD as well as grey white qtz clasts with beige rims w/in black fine grained ?sulphide vein/matrix. Drk green prop envelope 4cm out from upper contact. Lt green phyllic envelope at lower contact. Red ?chert clast (1cm) found w/in vein. No sulphides visible
						VEN ?	BL	BX							VN	70	2											
			88.25	88.26		VEN	WH	NE							VN	70	1											QTZ-CARB VEIN NO SULPHIDES
			88.32	88.37		VEN	GY-BG								VT	70	4											SULPHIDE VEINING. Zone of grey white qtz veinlets hosting diss Py, As, Sph (bj). Clay alt'n along core fractures. Very strong phyllic alt propagates from vt zones
								DI												s	s	ms						
			89.80	89.82		VEN	BK-WH	MO			s				VT	85	2					%					SPH VT IN QTZ ENVELOPE? Massive bj sph vt 2mm wide in mottle white qtz envelope ?selvage? Blebs of Py intrupt Sph in vt occasionally. Trace galena in vt
								BL												w								
								DI															t					
			90.02	90.33		VEN	BK-BG	BN							VN	85	3			f								PY VEIN AND VT. Vein: Black-beige medium (<3mm) banded qtz-Ch vein w/ black sulphides and diss Py. VT: Massvie Py veinlet w/ minor broken strings of h. brown Sph. Diss Py throughout zone
															VT	80	<.6			%			f					
						GRD	LTGN	MA	vs																			
			90.33	90.45		GO	BG-GN	SH		s																		GOUGE. Fragments of phyllic alt'd GRD in soft clayey matrix
								DI												w								
			90.45	90.92		GRD	GN-GY	EN?	vs		s																	INTENSE QTZ VEINING. Highly fractured very strongly phyllic alt'd GRD. Intense grey white qtz veining throughout; veins very stringy. Diss Py throughout, Py stringers common. Some qt veins brecciated and/or gougey. Possibly diss As throughout interval
						VEN	GY	MA							VN	10-30	<1.5	10										
								DI												m-ms	m?							
			90.92	91.13		BXA	BK-GN	BX																				BLACK BRECCIA. Clasts <2cm of phyllic alt'd GRD and grey white qtz in soft black fine grained matrix hosting diss Py. Sharp upper and lower conacts to phyllic alt'd GRD

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								DI												m							
			91.27	91.37		VEN	BG-GY	BR																			2 QTZ CARB VEINS. Both grey and beige, braided w/ Ch zoning and both host blebby Py and h. brown Sph. Lower vein is vuggy and has larger Ch occurrence
			91.27	91.28				BR							VN	75	1										
			91.34	91.37				VU							VN	75	3+										
			91.44	91.66		GRD	GY-BK-BZ	SV		ms?			SER	s														SERICITIC ALT'N. Strong serecitic alt'n w/ blebby to semi-massive Py and diss to stringy concentrations of black tourmaline. Some vugs
								BL-MA												25				TO	20		
			91.86	92.00		POR	GN	MA		m																	PORPHYRY DYKE. Greenish qtz-felds porphyry dyke. Sharp upper contact. Brecciated lower contact. Both clay alt'd
			92.00	94.06		GRD	GN	MA					prop	ms													PROPYLLITIC ALT'N w/ frequent qtz carb VTs. Minor Py stringers or mineralization in VTs. One beige-yellow brecciated qtz carb vein w/ stringy Py along rims. One massive calcite VT 0.8cm thick 60 degrees to core axis
															VT	70	~0.2	16		w							
															VN	65	1.8			w							
			93.74	94.06		C		GO																			CONTACT. Soft beige gougey; clay alt'd contact zone with porphyry dyke
94.06	99.33					POR	GN-BN	MA		m																	PORPHYRY DYKE. Brownish green red (hematite?) stained massive qtz-feldspar porphyry dyke. Plag phenos <1cm; flow banded texture towards lower contact
			99.00	99.33		C		SH																			CONTACT. Slightly clay alt'd w/ round <2cm dyke 'bubbles' in the clay
99.33	113.00					GRD	LTGN	MA	s	s																	PHYLLIC ALT'N. Very strong massive and brecciated phyllic alt'd GRD. Zones <50cm of silica flooding. Brecciated zones host diss in grey-black f.g matrix. This is not the 'black breccia'. Minor (10%) argillic alt'n. Frequent qtz and qtz-carb VTs in all orientations
								BX							VT	0-90	.2										
			99.33	105.03		GRD	LTGN-YL	BX	s	s																	BRECCIATED GRD. Overall brecciated strong phyllic alt'd GRD. Silica flooding creates matrix? Clasts <7cm; diss Py in matrix
			105.33	113.00		GRD	LT-DKGN	MA	s	ms			prop	s													PROP OVERPRINTING PHYLLIC? Frequent VTs and stringers 5% clay alt'n
															VT	60	.1	11									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Other		Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Other				GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.
													Type	Intensity										Type	Intensity			
			110.02	110.17		VEN	BG-WH	BN							VN	15	2											SULPHIDE VEIN. Beige white med (0.5cm) banded qtz-carb-Ch vein w/ h.brown Sph bands <0.3cm; minor vugs
113.00	117.28					GRD	DKGN	MA					prop	ms														PROP ALT'N. Overall propyllitic alt'n. Short zones of argillic alt'n (3%) present. 10% zone of phyllic alt'n. Carbonate VTs frequent and x-cut black stringers dipping opposite direction
															VT	40	.1	10										
117.28	150.20					GRD		PA	ms-s	s			prop	m-s														HIGHLY VARIABLE ALT'N. MOSTLY STRONG PHYLLIC. Zone of frequently changing alt'n style and strength. Most common altn' is strong phyllic w/ yellow ?ankrite and frequent black stringers and qtz/qtz-carb veining. Patches of ms-s proyllitic alt (drk green, <1m) occur w/ less frequent VTs. Patches of strong argillic alt'n (beige/beige-green <50cm) occur and are mostly phyllic overprinted. Core soft crumbly in these zones. 75% phyllic, 20% prop, 4% argillic 1% potassic alt'n
			117.47	117.81		BXA	BK-GN	BX												f								BLACK BRECCIA. Clasts <1.5cm of phyllic alt'd GRD as well as clasts <1cm of grey white qtz. Black f.g matrix hosts diss-blebby Py. 2 Black massive f.g VNs <1cm occur above breccia zone. Both host brecciated phyllic alt'd GRD
						VEN	BK	BX							VN	80	1			w								
															VN	80	1			w								
			117.81	118.41		POR	GY	FL	ms																			DYKE. White and orange flooded grey flow banded qtz-feldspar porphyry dyke. Sharp upper and lower contacts. Mod-strong clay alt'n throughout
			119.50	120.16		GRD	GN-RD	EN?	vs																			PHYLLIC ALT'N W/ DISS HEMATITE. Zone of strong phyllic alt'n . Diss Py throughout, intense qtz-carb and Py veinletting, noteable soft red diss ?hematite/ankrite
															VT	60-85	<.2	14										
			119.94	119.97		VEN	BG-BK	MO							VN	80	2+			s	<40	m						SULPHIDE VEIN. Beige mottled qtz-Ch vein hosting semi-massive As, Py, and blebby Sph (h. brown). Strong mineralization
			120.16	121.12		GRD	GN-YL		s	s?			SER ?	s						l								SULPHIDE VEINING. Phyllic alt'd, silica flooded GRD, w/ crumbly metallic grey zone suggesting serecitic/clay alt'n. Beige white thick (1cm) banded qtz-Ch veins (2 veins) hosting diss Py, As, Sph (h.brown). Mod-strong mineralization. Py stringers and VTs throughout interval as well as diss Py
						VEN		BN							VN	80	2			s	ms	m						

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Other		Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Other				**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
													Type	Intensity										Type	Intensity		
						VEN		BN							VN	85	3+			s	ms	m						
						VEN									ST	<30	<.4	13		95							
			125.10	125.13		VEN	WH	MA							VN	90	3+											QTZ-CARB VEIN. Milky white massive qtz-carb vein is subvertical to core axis. No mineralization
			127.10	127.78		GRD	DKGN	MA					prop	s													STRONG PROPYLLITIC ALT'N. Black stringers frequent
															VT	65-90	.1	15									
			128.77	129.44		VEN	WH	MA							VN	55	1											3 VEINS. UPPER: White massive qtz-carb. MIDDLE: Black massive f.g sulphide? No minz'ation. LOWER: White black medium banded (<.3) qtz-carb vein hosting minor stringy Py.
						VEN	BK	MA							VN	45	1										
						VEN	WH-BK	BN							VN	90	.9			m							
			130.74	130.76		VEN	BG-BK	BX							VN	45	2+			m		m					2 QTZ-CARB VEINS. Both grey white qtz brecciated qtz-carb veins. Upper hosts minor diss-blebby Py and Sph (h.brown)
			130.83	130.85		VEN	BG-WH	BX							VN	90	4-5										
			134.86	134.89		VEN	WH-BK	BN							VN	70	2-3										SULPHIDE QTZ CARB VEIN. Milky white-translucent w/ black whispy banded (<0.2cm) qtz-carb veining w/ blak sulphide stringers as well as blebby Py <0.8cm. Py stringers and carbonate VTs proximal to veining
								BL												s							
			135.62	135.73		VEN	BL-WH	BN							VN	60	2										VEIN AND GOUGE. Black and white medium (<.6cm) banded sulphide qtz-carb vein hosting blebs of Py <.4cm. Soft beige gouge w/ very coarse clasts of phyllic alt'd GRD in clayey carbonate rich matrix
						GO	BY	SH							FT?	60	9										
			137.81	139.48		GRD	GR-RD	MA					prop	ms													PROPYLLITIC ALT'N. Drk green w/ red flecks prop alt'd GRD. Pervasive hematite? Red hematite on fracture surfaces. Black stringers w/ minor amounts of Py stringers occur throughout
															ST	20-80	.1	5		t							
			139.48	140.26		GRD	BG-GN	MA		s			prop ?	m													ARGILLIC ALT'N. Soft ~crumbly beigey green argillic alt'd GRD
			140.26	141.29		GRD	GN-YL	MA	s																		INCREASE IN VTs. Concentration of hematite VTs <2mm; ?black Sph VT 3mm; black sulphide stringers 1mm; qtz-carb VTs hosting minor diss Py.
															VT	60-90				m		m?					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			141.29	144.26		GRD	BG-WH	MA		s																	STRONG ARGILLIC ALT'N. Core hard but crumbly. Perhaps weak phyllic overprinting? 2cm beige whte qtz-carb VN has strong phyllic envelope propagating 15cm. 60cm zone of propyllitic alt'n occurs in mid interval = argillic envelope?
			144.26	144.89		POR	DKGY	MA		m																	PORHYRY DYKE. Dry grey massive qtz-feldspar prophyry dyke. Orange staining around plag phenos Core clay alt'd and v. crumbly at both contacts
			145.00	145.10		VEN	BK	MA							VT?	?	<.9										MXX SULPHIDE VT. Black massive sulphide VT hosting strong diss Py min'zation. VT in crumbly core zone; not sure if one VT or many occur here
								DI												ms							
			145.18	145.27		VEN	BL	BX							VN	?	2			ms							2 MASSIVE SULPHIDE VNs. UPPER: Black f.g mxx sulphide vein w/ brecciated phyllic alt'd GRD <0.8cm in ?silica flooded f.g matrix hosting diss Py. LOWER: Drk grey mxx ?qtz/sulphide VN hosting diss Py
						VEN	DKGY	MA							VN	85	<3			ms							
			146.47	146.90		GRD	DKGN	MA					prop	s													STRONG PROP ALT'N. Drk green and pink flecked prop alt'd GRd w/ ?potassic overprint?
			148.06	148.07		VEN	WH-BK	BN							VN	75	<2										QTZ-SULPHIDE VEIN. White massive qtz braided w/ black sulphide hosting trace diss Py
								DI												t							
			148.66	149.41		GRD	DK-LTGN-YL	EN	s						see below				see below								STRONG SULPHIDE MIN'ZATION. Drk-lt green and yellow strong phyllic envelope w/ Py stringers, diss Py and sulphide veins
			148.98	149.02		VEN	BG-MT	BN							VN	75	5				30-50	l	s				MASSIVE SULPHIDE VEIN HOSTED IN CHALCEDONY. Beige Ch 1-4cm thick w/ blebby honey brown Sph <0.6cm along rims ?zoning? out to blebby galena <0.5cm then to patches of diss As <2cm around
			149.10	149.17		BXA ?		BX																			BRECCIA and VEIN. Beige and translucent medium banded Ch-qtz VN w/ black sulphide rims hosting diss Py and Sph (h.brown), blebby Py in white qtz. Bands discontinuous to brecciated which creates brecciated Ch and qtz textures above vein. Diss As, Py throughout interval
						VEN		BN							VN	55	4			ms	ms						
								DI-BL																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			149.23	149.27		VEN									VN?	55	5										VEIN OR SILICA FLOODING. Translucent 'wash out' qtz veining/flooding w/ slight brecciated texture. Minor diss Py, As, Sph (h.b.) hosted w/in zone
								DI												m	m	f					
150.20	159.23					GRD	LTGN-YL	MA	vs	s					ST	0-60	.1	16		<100							STRONG PHYLLIC ALT'N W/ INTENSE SULPHIDE VEINING. Lt green-yellow very strong phyllic alt'n w/ very frequent Py and black sulphide stringers and VTs ~50-60 degrees to core axis. Mineralized grey white qtz veining w/ diss to stringy black sulphides occur frequently (1cm-10cm thick). Diss Py throughout interval. 15% core is argillic alt'd
						VEN	BK-BZ	MA							VT	50-60	<.9	6		<100							
						VEN	BL-WH	MA-BX							VN	45-85	<10	1-2		<s	<l	<m	<m				
			150.85	150.86		VEN	WH	MA							VN	85	1										Grey white MASSIVE QTZ VEIN hosting blebby Py <1cm and trace h.brown Sph. VN terminated at black sulphide stringer 75degrees to core axis. Core slightly crumbly
								BL												ms		w					
			151.00	151.10		VEN	GY-WH	BX							VN	90	<10										SULPHIDE QTZ VEIN. Grey white qtz brecciated qtz vein hosting blebby-semi-massive Py <2cm; diss As; and blebby b.j. Sph <3mm. Vein x-cut by massive beige Ch vein w/ calcite infill in vein blowouts
								BL												<25		f					
								DI													w						
						VEN	BG	MA							VN	40	.2-3										
			152.27	152.38		VEN	BZ	MA							VT	50	<.8			80							MASSIVE PY VT. Looks like stringers w/ same orientations coalesced to form mxx Py in black sulphide VTs.
			153.13	153.52		GRD	PK-BG	MA		s			pot	ms													ARGILLIC/POTASSIC ALT'N. Soft crumbly pink and white flecked argillic/potassic alt'd GRD w/ 2cm phyllic envelopes around black sulphide stringers

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			153.91	154.11		VEN	GY-WH	BN							VN	50-60	<3	7									SULPHIDE VEINING. Multiple grey white black qtz-sulphide VNs and beige Ch VN w/ ~same orientations form banded texture on phyllic alt'd GRD. Grey white qtz VNs very stringy and host diss Py, As and blebs of b.j. Sph <7mm. Massive As stringers to VTs create netted textures. Grey white qtz VNs x-cut beige massive Ch veins w/ blocky h.brown Sph <8mm, Gn <4mm along rims. Ch VNs have very 'blowoutish' texture (2.5cm) from black stringers or occur as VNs.
								BL												ms		<s	m				
								DI												ms	s						
						VEN	BG	MA							VN	50-60	23	2									
			154.41	154.44		VEN	PK-BG-BK	BN, VU							VN	50	1										SULPHIDE BEARING QTZ-CARB VEIN. Pinkish white vuggy qtz-carb <0.9cm VT-VN and beige massive Ch VT <0.5cm create banded texture w/ discontinuous strings of black sulphides hosting blocky Gn <5mm and blebby h. brown Sph and minor diss Py.
								BL														f	m				
			155.45	155.86		VEN	GY-BG	BX							VN	45	2										QTZ VEINING W/ BRECCIATION. Grey white qtz veining w/ black sulphide rims which outlines 3 main ?veins? 2cm, 4cm and 5cm thick. Between veins is silica flooded. Beigey Ch is discontinuous and is throughout interval. Diss to blebs <8mm throughout
															VN	45	4			s	<35						
															VN	40	5										
			155.28	155.62		VEN	BL-GY	BX							VN	60-80	<4										MASSIVE SULPHIDE MIN'ZATION. Zone of grey white qtz veining, brecciated qtz and phyllic alt'd GRD, and silica flooding w/ discontinuous beige Ch throughout. Diss to blebby As <2cm throughout; diss-blebby Py occurs w/ As and semi-massive Gn. Blebs of Sph <4mm occur mainly w/ Ch VNs. Massive sulphide min'zation traces out veins <2cm and is found w/in black-grey breccia matrix. Ch VN x cuts sulphide VN creating 6mm of offset
								DI-BL																			
								BL														ms	ms				
						VEN	BG	MA							VN	80	<3										

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			156.90	157.22		VEN	GY-WH	BX							VN	40-90	3+										MASSIVE SULPHIDE MIN'ZATION. Colour, min'zation and textures very similar to above interval. Qtz slighty more white. Black VT along fracture marks >4cm of offset. Galena less abundan than previous interval. Clay alt'n downhole of min'zation zone
								DI-BL												<20	<30						
								BL														m					
						VEN	BG								VN	?	<4										
			158.65	158.69		VEN	BGBK	BN							VN	45	<2										SULPHIDE QTZ CARB VEIN. Beigey yellow qtz-carb vein w/ black sulphides hosting diss Py.
								DI												m							
			158.94	158.98		VEN	BK	MA							VN	30	<3										MASSIVE BLACK SULPHIDE VEIN. Soft and in soft argillic and phyllic alt'd GRD. No min'zation
159.23	162.15					GRD	GN-YL	MA	s	s			prop ?	s													PROP?/PHYLLIC/ARGILLIKC ALT'D GRD. Frequent black stringers and carbonate VTs. Yellow ?ankrite and red ?hematite throughout interval. One massive calcite VT w/ <1cm blow out in interval
															ST	0-90	.1	13									
162.15	175.87					GRD	LT-DKGN-PK	MA		s			prop	s													PROPYLLITIC ALT'N. Drk-lt green prop alt'd GRD. 30% ARGILLIC. Patchy and crumbly where strong. Moderate balck stringers and calcite VTs. Core moderate to strongly fractured. Many fractured surfaces have traces of calcite veining as well as red hematite staining. Calcite veining is largely subhorizontal. Core reddish stained downhole = pervasive hematite?
															ST	30-90	.1	6-13									
															VT	0-90	<.5	0-7									
															VN	0-10	>2	1									
			172.52	172.68		VEN	WH	MA							VN	5	>2										MASSIVE WHITE CALCITE VEIN at shallow angle to core axis
			174.12	174.54		VEN	WH	MA							VN	7	1										MASSIVE WHITE CALCITE VEIN at shallow angle to core axis

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
	175.87	184.69				GRD	LTGN-YL	MA	s	ms			prop	s														PHYLLIC ALT'D GRD. Lt green and yellow phyllic alt'n. Yellow ?ankrite abundant throughout. Qtz-carb and carb VTs frequent; massive calcite veins common; black sulphide stringers common; occasional sulphide VTs host min'zation. Patches of propyllitic alt'n occur <1.5m w/ calcite veining and pervasive red ?hematite.
			179.23	179.42		VEN	WH	MA							VN	45-90	<1											CALCITE VEINING. Pinkish white discontinuous massive calcite veining forming braided texture
			179.79	179.97		VEN	BK	MA							VT	30	.2											BLACK SULPHIDE VT x-cuts calcite veining clay alt'n at vein contact. No minz'ation
			180.23	180.52		VEN	BK	MA							VT													BLACK SULPHIDE VT hosting semi massive Py. Core is clay alt'd but competent between this VT and above veinlet
			181.40	181.60		GRD	PK-GN	MA	s				pot	ms														Pinkish green flecked POTASSIC ALT'D GRD
			183.00	183.47		GO	GN-BG	BX	s	s																		GOUGE? Clasts <10cm of phyllic alt'd GRD w/in soft clayey beige matrix; black diss tourmaline occurs throughout in clasts and matrix. Py associated w/ To at top and bottom of gouge zone. Tourmaline forms band at lower contact
184.69	191.66					GRD	GN-RD						prop	s														PROPYLLITIC ALT'N. Drk green red flecked prop alt'n. Red flecks ?hematite? Hematite staining on fractured surfaces. Shallow calcite VNs and VTs throughout as well as subvertical calcite VTs. 3% argillic alt'n in bands <20cm
															VN	0-8	<1?	.5										
															VT	85	<.2	4										
			184.61	186.12		VEN	WH	MA							VN?	2	>.3											MASSIVE CALCITE VEIN. White massive calcite vein runs along core fracture for 60cm. True thickness unknown
191.66	199.54					GRD	LTGN-BG	PA	s	s																		PHYLLIC ALT'D GRD W/ ARGILLIC PATCHES. Lt green phyllic alt'd GRD w/ soft yellow ?ankrite. Patches of beige argillic alt'n occur in <60cm intervals. Calcite VTs and VNs throughout. Some mineralized gouge zones occur and are described below
															VT	0-90	<.8	5-15										
			192.18	192.55		GO	WH-GY								FT?	45	?											GOUGE. Clasts <3cm of phyllic alt'd GRD in soft beige clayey matrix which hosts diss Py to patchy diss Py <2cm. Black sulphide vein (?) marks upper contact, lower contact crumbly clay altered
								DI												m-s								

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			193.67	194.38		GO	LTGN-BG	BX	s	s										t							GOUGE. Subangular clasts <9cm of phyllic alt'd GRD w/ qtz VT in soft greenish beige clayey matrix. Black and grey massive qtz sulphide \Vn marks upper contact. Clay alt'n and fractured to competent core marks lower contact. Trace Py throughout gouge.
								DI																			
			196.15	195.16		VEN	RD	MA							VN	85	1										APLITE VEIN. Red massive very f.g aplite vein
			197.06	197.22		VEN	BK-WH	BX							VN	30	<2										SULPHIDE/ QTZ VEIN. Black and white banded to band brecciated sulphide-qtz vein hosting blebby Py <3mm. Diss ankrite proximal to vein contact
								BL												m							
199.54	209.71					GRD	GN-BG	PA		s			prop	s													PROPYLLITIC-POTASSIC W/ PATCHES OF ARGILLIC ALT'N. 50% drk green, pink flecked strong propyllitic- weak potassic alt'd GRD. 50% patches of beige argillic alt'd GRD. Shallow black stringers common, calcite-hematite VTs? which x-cut black stringers; calcite VTs and VNs common. fractured surfaces occasionally hematite stained
													pot	w													
							BK	MA							ST	15-45	.1	6									
							RD	MA							VT	45	<.2	3									
							WH	MA							VT	45-60	<1	8-12									
			206.79	206.97		VEN	BK-WH	MA							VN	2	<2										
								DI												f		f					SULPHIDE VEIN. Black w/ some white massive f.g sulphide-qtz VN w/ 'blow-out' texture as thickness goes from 4mm-20mm. Sulphides host diss Py and minor Sph (b.j.). Core soft and crumbly in this zone and difficult to constrain actual vein thickness and textures
			208.30	208.38		GRD	YL-RD	EN	s?				pot	m?													CALCITE VN IN PHYLLIC ENVELOPE. White massive calcite VN in yellow red ?phyllic-potassic? Alt'n envelope
			208.33	208.35		VEN	WH	MA							VN	75	1										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
209.71	228.19					GRD	LTGN		ms																		PHYLLIC ALT'D GRD. Overall lt green w/ some drk green patches phyllic alt'd GRD. 10% beige-green argillic alt'd GRD w/ phyllic overprinting. Shallow calcite VTs and VNing still common; black sulphide stringers frequent in stronger phyllic alt'd zones; stringers in all orientations. Core highly fractured w/ soft black mineral (goethite?) and red hematite on fractured core surfaces
							BK								ST	0-90	.1										
							WH								VT	0-45											
			214.53	214.57		GRD	BL	MA																			VEIN? GOETHITE? Soft black mineral on fractured core surface hosting coarse clot <1cm Py. Doesn't look like vein, core highly fractured
								BL												ms							
			216.40	216.77		GRD	BK-GY		ms	s																	Crumbly core w/ BLACK SULPHIDES? on most fracture surfaces. No visible min'zation. Core is phyllic and argillic alt'd
			220.87	221.58		GRD	GN		s	s																	PHYLLIC/ARGILLIC ALT'D GRD W/ SULPHIDE VEINING. Crumbly core; green w/ black staining. On some competent core black f.g sulphide veins <1cm and diss black sulphides visible. In crumbly core diss Py visible
						VEN ?	BK																				
								DI												w							
			221.70	222.08		GRD	GN	MA	s	s																	GOUGEY GRD. Lt green phyllic alt'd GRD w/ clay altered fractured surfaces ?shearing?
						GO	BG	SH?																			
			226.45	226.56		VEN	BK-GY	BX							VN	60	8			f-m							2 Grey QTZ BRECCIATED MASSIVE BLACK SULPHIDE VEINS hosting diss to blebs (<7mm) of Py. Upper vein hosts discontinuous beige Ch veinlet <9mm thick. B.j. Sph diss in lower vein?
															VN	60	5			m-ms							
								DI-BL												f-ms							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			**GRD = White and black flecked massive medium to coarse grained granodiorite w/ dark grey aphanitic centimetre scale xenoliths throughout. Host rock.**
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
228.19	245.97					GRD	WH-PK-GN	MA		ms			prop/pot	w/w													WEAKLY ALT'D GRD. ~1.5m of weakly prop alt'd GRD with black sulophides on fractured surfaces transitioning to ~1.5m of reddish pink potassic alt'd GRD w/ pervasive hematite? Then transitioning to ~1m white montmorillitic alt'n. Orangey ?potassic? alt'n and white unalt'd GRD continue until EOH. Calcite VNs common near EOH. 3mm hbl trhoughout interval. Mafic aphanitic xenoliths <8cm, black qtz-feldspar porphyritic xenolith (15cm) near EOH
						VEN									VN	<45	<1	2									
	EOH																										EOH @ 245.97m

GEOTECHNICAL LOG

HOLE: KL-11-34

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.13	2.13	0.56	26	0.34	16	S	HW		
2.13	3.05	0.92	0.47	51	0.17	18	S	HW		
3.05	4.57	1.52	0.70	46	0.11	7	VS	HW		
4.57	8.23	3.66	0.71	19	0.16	4	S	HW		
8.23	11.27	3.04	2.90	95	1.66	55	MS	MW		
11.27	14.33	3.06	2.99	98	1.20	39	MS	MW		
14.33	17.37	3.04	2.96	97	1.01	33	S	W		
17.37	20.42	3.05	3.12	102	1.28	42	MS	MW		
20.42	23.47	3.05	2.91	95	0.37	12	S	MW		
23.47	26.52	3.05	2.88	94	0.13	4	MS	MW		
26.52	29.57	3.05	3.01	99	0.41	13	ES	SW		
29.57	32.61	3.04	2.96	97	1.43	47	ES	SW		
32.61	35.66	3.05	3.09	101	1.43	47	MS	SW		
35.66	38.71	3.05	3.10	102	2.06	68	MS	SW		
38.71	41.76	3.05	3.03	99	1.81	59	VS	SW		
41.76	44.81	3.05	3.03	99	1.17	38	VS	SW		
44.81	47.85	3.04	3.02	99	1.17	38	VS	SW		
47.85	50.90	3.05	3.10	102	0.64	21	VS	FR		
50.90	53.95	3.05	3.00	98	1.95	64	MS	FR		
53.95	57.00	3.05	3.31	109	0.52	17	MS	FR		
57.00	60.05	3.05	3.20	105	0.51	17	S	FR		
60.05	63.09	3.04	3.07	101	0.38	13	S	FR		
63.09	66.14	3.05	3.10	102	0.14	5	S	FR		
66.14	69.19	3.05	3.00	98	0.52	17	VS	FR		
69.19	72.24	3.05	2.98	98	1.56	51	MS	FR		
72.24	75.29	3.05	3.12	102	1.75	57	MS	FR		
75.29	78.33	3.04	3.10	102	0.25	8	S	FR		
78.33	81.38	3.05	3.08	101	0.69	23	S	FR		
81.38	84.43	3.05	3.00	98	1.12	37	S	FR		
84.43	87.48	3.05	3.12	102	0.80	26	VS	FR		
87.48	90.53	3.05	3.15	103	0.99	32	VS	FR		
90.53	93.57	3.04	3.13	103	1.35	44	S	FR		
93.57	96.62	3.05	3.13	103	0.78	26	VS	FR		
96.62	99.67	3.05	3.05	100	1.14	37	VS	FR		
99.67	102.72	3.05	3.12	102	0.82	27	MS	FR		
102.72	105.77	3.05	3.10	102	1.70	56	S	FR		
105.77	108.81	3.04	3.16	104	1.02	34	MS	FR		
108.81	111.86	3.05	3.18	104	0.97	32	S	FR		
111.86	114.91	3.05	3.10	102	1.86	61	S	FR		
114.91	117.96	3.05	2.93	96	1.47	48	VS	FR		
117.96	121.01	3.05	3.06	100	1.28	42	S	FR		
121.01	124.01	3.00	3.21	107	0.85	28	S	FR		
124.01	127.10	3.09	3.20	104	1.05	34	MS	FR		
127.10	130.15	3.05	3.07	101	1.47	48	MS	FR		
130.15	133.20	3.05	3.12	102	1.64	54	MS	FR		
133.20	136.25	3.05	3.09	101	1.33	44	MS	FR		
136.25	139.29	3.04	3.03	100	1.28	42	S	FR		
139.29	142.34	3.05	3.10	102	0.92	30	VS	FR		
142.34	145.39	3.05	3.04	100	0.10	3	VS	FR		
145.39	148.44	3.05	3.23	106	1.16	38	S	FR		
148.44	151.49	3.05	3.03	99	0.33	11	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	3.11	102	1.56	51	MS			
154.53	159.58	5.05	3.17	63	1.66	33	W			
159.58	160.63	1.05	3.02	288	0.97	92	MS			
160.63	163.68	3.05	3.06	100	0.10	3	MS			
163.68	166.73	3.05	3.03	99	0.10	3	MS			
166.73	169.77	3.04	3.05	100	0.00	0	MS			
169.77	172.82	3.05	3.18	104	0.15	5	MS			
172.82	175.87	3.05	3.07	101	0.33	11	MS			
175.87	178.92	3.05	3.08	101	0.13	4	S			
178.92	181.97	3.05	3.05	100	1.65	54	MS			
181.97	185.01	3.04	3.02	99	2.19	72	MS			
185.01	188.06	3.05	2.93	96	1.08	35	VS			
188.06	191.10	3.04	2.95	97	0.82	27	S			
191.10	194.16	3.06	3.02	99	0.96	31	S			
194.16	197.21	3.05	2.92	96	1.48	49	S			
197.21	200.25	3.04	2.86	94	0.32	11	S			
200.25	203.30	3.05	3.03	99	1.77	58	S			
203.30	206.35	3.05	2.88	94	0.74	24	MS			
206.35	209.40	3.05	2.79	91	0.59	19	MS			
209.40	212.45	3.05	2.58	85	0.00	0	MW			
212.45	215.49	3.04	2.61	86	0.16	5	MS			
215.49	218.54	3.05	3.00	98	0.19	6	MS			
218.54	221.58	3.04	3.00	99	0.24	8	S			
221.58	224.46	2.88	3.16	110	0.37	13	MS			
224.46	227.69	3.23	3.13	97	0.13	4	MS			
227.69	230.73	3.04	3.12	103	0.31	10	S			
230.73	233.72	2.99	3.15	105	0.15	5	MS			
233.72	236.83	3.11	3.04	98	0.59	19	S			
236.83	239.88	3.05	3.17	104	0.82	27	S			
239.88	242.93	3.05	3.09	101	1.86	61	S			
242.93	245.97	3.04	3.00	99	1.11	37	S			EOH @ 245.97m

SAMPLE LOG

HOLE: 0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	5.53	5.53	2.35	42	K863099	1					
5.53	9.80	4.27	3.00	70	K863100	1					
9.80	12.27	2.47	2.50	101	K863101	1					
12.27	13.24	0.97	1.00	103	K863102	1					
13.24	16.52	3.28	3.00	91	K863103	1					
					K863104	1					STD CDN ME 16
16.52	18.53	2.01	1.91	95	K863105	1					
18.53	19.89	1.36	1.38	101	K863106	1					
19.89	22.45	2.56	2.70	105	K863107	1					
22.45	25.40	2.95	2.90	98	K863108	1					
25.40	28.19	2.79	2.70	97	K863109	1					
					K863110	1					BLANK
28.19	31.19	3.00	3.10	103	K863111	1					
31.19	33.13	1.94	1.95	101	K863112	1					
33.13	34.90	1.77	1.75	99	K863113	1					
34.90	36.84	1.94	1.96	101	K863114	1					
36.84	38.24	1.40	1.43	102	K863115	1					
38.24	40.13	1.89	1.82	96	K863116	1					
					K863117	1					DUPLICATE
40.13	41.21	1.08	1.05	97	K863118	1					
41.21	44.05	2.84	2.81	99	K863119	1					
44.05	46.51	2.46	2.37	96	K863120	1					
46.51	47.51	1.00	1.01	101	K863121	1					
47.51	50.07	2.56	2.65	104	K863122	1					
50.07	53.10	3.03	3.00	99	K863123	1					
					K863124	1					STD CDN ME 16
53.10	55.90	2.80	2.80	100	K863125	1					
55.90	57.20	1.30	1.25	96	K863126	1					
57.20	60.26	3.06	3.00	98	K863127	1					
60.26	63.26	3.00	3.05	102	K863128	1					
63.26	65.60	2.34	2.43	104	K863129	1					
65.60	67.46	1.86	2.00	108	K863130	1					
					K863131	1					BLANK
67.46	69.88	2.42	2.55	105	K863132	1					
69.88	71.57	1.69	1.64	97	K863133	1					
71.57	73.31	1.74	1.74	100	K863134	1					
73.31	74.84	1.53	1.58	103	K863135	2					
74.84	77.89	3.05	3.00	98	K863136	2					
77.89	80.79	2.90	2.95	102	K863137	2					
80.79	82.86	2.07	2.10	101	K863138	2					
82.86	84.96	2.10	2.06	98	K863139	2					
84.96	85.96	1.00	1.00	100	K863140	2					
					K863141	2					BLANK
85.96	87.39	1.43	1.48	103	K863142	2					
87.39	89.32	1.93	1.97	102	K863143	2					
89.32	90.33	1.01	1.05	104	K863144	2					
90.33	91.66	1.33	1.43	108	K863145	2					
					K863146	2					BLANK
91.66	94.06	2.40	2.32	97	K863147	2					
94.06	96.71	2.65	2.60	98	K863148	2					
96.71	99.33	2.62	2.60	99	K863149	2					
					K863150	2					STD PL-2
99.33	101.38	2.05	2.07	101	K973001	2					
101.38	103.56	2.18	2.10	96	K973002	2					
103.56	105.03	1.47	1.43	97	K973003	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
105.03	107.30	2.27	2.34	103	K973004	2					
107.30	110.17	2.87	2.86	100	K973005	2					
110.17	113.00	2.83	2.87	101	K973006	2					
113.00	114.28	1.28	1.25	98	K973007	2					
					K973008	2					STD CDN ME-16
114.28	116.79	2.51	2.43	97	K973009	2					
116.79	117.77	0.98	1.00	102	K973010	2					
117.77	118.74	0.97	0.90	93	K973011	2					
118.74	119.83	1.09	1.10	101	K973012	2					
119.83	121.11	1.28	1.20	94	K973013	2					
121.11	123.40	2.29	2.40	105	K973014	2					
123.40	125.20	1.80	1.85	103	K973015	2					
					K973016	2					DUPLICATE
125.20	127.78	2.58	2.50	97	K973017	2					
127.78	130.70	2.92	2.96	101	K973018	2					
130.70	133.41	2.71	2.74	101	K973019	2					
133.41	135.73	2.32	2.32	100	K973020	2					
135.73	137.81	2.08	2.05	99	K973021	3					
137.81	140.26	2.45	2.52	103	K973022	3					
140.26	141.22	0.96	1.00	104	K973023	3					
141.22	144.00	2.78	2.69	97	K973024	3					
144.00	145.00	1.00	1.00	100	K973025	3					
					K973026	3					STD CDN PL-2
145.00	146.59	1.59	1.62	102	K973027	3					
146.59	148.95	2.36	2.45	104	K973028	3					
148.95	151.11	2.16	2.14	99	K973029	3					
151.11	153.85	2.74	2.79	102	K973030	3					
153.85	156.28	2.43	2.39	98	K973031	3					
156.28	157.42	1.14	1.15	101	K973032	3					
					K973033	3					BLANK
157.42	159.15	1.73	1.78	103	K973034	3					
159.15	162.18	3.03	3.00	99	K973035	3					
162.18	164.56	2.38	2.38	100	K973036	3					
164.56	167.43	2.87	2.90	101	K973037	3					
167.43	170.20	2.77	2.80	101	K973038	3					
					K973039	3					STD CDN PL-2
170.20	172.77	2.57	2.61	102	K973040	3					
172.77	175.87	3.10	3.10	100	K973041	3					
175.87	178.78	2.91	2.85	98	K973042	3					
178.78	179.78	1.00	1.00	100	K973043	3					
179.78	180.80	1.02	1.00	98	K973044	3					
					K973045	3					DUPLICATE
180.80	182.66	1.86	1.87	101	K973046	3					
182.66	183.68	1.02	1.00	98	K973047	3					
183.68	184.69	1.01	1.06	105	K973048	3					
184.69	187.09	2.40	2.29	95	K973049	3					
187.09	189.50	2.41	2.26	94	K973050	3					
189.50	191.82	2.32	2.30	99	K973051	3					
191.82	193.22	1.40	1.31	94	K973052	3					
193.22	194.36	1.14	1.21	106	K973053	3					
					K973054	3					BLANK
194.36	196.92	2.56	2.56	100	K973055	3					
196.92	197.81	0.89	0.91	102	K973056	3					
197.81	201.08	3.27	2.97	91	K973057	4					
201.08	204.00	2.92	2.95	101	K973058	4					
204.00	206.15	2.15	2.20	102	K973059	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
206.15	207.15	1.00	1.00	100	K973060	4					
207.15	210.22	3.07	2.98	97	K973061	4					
					K973062	4					STD CDN ME-16
210.22	212.86	2.64	2.42	92	K973063	4					
212.86	214.44	1.58	1.39	88	K973064	4					
214.44	215.42	0.98	1.00	102	K973065	4					
215.42	218.42	3.00	3.00	100	K973066	4					
218.42	220.77	2.35	2.33	99	K973067	4					
220.77	222.00	1.23	1.26	102	K973068	4					
					K973069	4					Blank
222.00	224.05	2.05	2.08	101	K973070	4					
0.00	225.75	225.75	1.70	1	K973071	4					
225.75	226.75	1.00	1.00	100	K973072	4					
					K973073	4					BLANK
226.75	228.00	1.25	1.22	98	K973074	4					
228.00	231.00	3.00	3.00	100	K973075	4					
231.00	233.90	2.90	3.00	103	K973076	4					
233.90	236.80	2.90	3.00	103	K973077	4					
					K973078	4					STD CDN ME-16
236.80	239.63	2.83	3.00	106	K973079	4					
239.63	242.58	2.95	3.00	102	K973080	4					
242.58	244.91	2.33	2.23	96	K973081	4					
					K973082	4					DUPLICATE
244.91	245.97	1.06	1.00	94	K973083	4					EOH

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-34

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Over-burden
2.00			14.49	Over-burden
3.00			18.18	Over-burden
4.00			16.91	Over-burden
5.00			15.93	Over-burden
6.00			15.32	Over-burden
7.00			15.13	Over-burden
8.00			0.314	Over-burden
9.00			0.479	
10.00			15.6	
11.00			11.06	
12.00			16.98	
13.00			1.088	
14.00			4.171	
15.00			2.924	
16.00			1.087	
17.00			0.47	
18.00			0.355	
19.00			0.119	
20.00			0.224	
21.00			0.28	
22.00			0.29	
23.00			0.376	
24.00			0.328	
25.00			0.441	
26.00			0.255	
27.00			0.441	
28.00			0.301	
29.00			2.542	
30.00			10.35	
31.00			9.074	
32.00			0.59	
33.00			0.474	
34.00			12.31	
35.00			7.326	
36.00			20.6	
37.00			0.731	
38.00			0.648	
39.00			10.56	
40.00			3.097	
41.00			3.134	
42.00			11.2	
43.00			4.447	
44.00			16.62	
45.00			1.606	
46.00			13.04	
47.00			0.334	
48.00			10.25	
49.00			1.5	
50.00			5.971	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			4.229	
52.00			0.608	
53.00			0.269	
54.00			0.67	
55.00			0.472	
56.00			1.056	
57.00			1.29	
58.00			0.498	
59.00			0.643	
60.00			0.521	
61.00			0.627	
62.00			0.367	
63.00			0.4	
64.00			0.286	
65.00			0.496	
66.00			0.419	
67.00			0.615	
68.00			0.696	
69.00			0.464	
70.00			1.725	
71.00			0.401	
72.00			0.414	
73.00			0.532	
74.00			0.528	
75.00			0.222	
76.00			0.294	
77.00			0.306	
78.00			0.334	
79.00			0.262	
80.00			0.303	
81.00			0.266	
82.00			0.492	
83.00			1.053	
84.00			0.421	
85.00			0.216	
86.00			0.284	
87.00			0.827	
88.00			0.292	
89.00			0.397	
90.00			0.274	
91.00			0.364	
92.00			1.83	
93.00			0.44	
94.00			1.039	
95.00			0.283	
96.00			0.231	
97.00			0.32	
98.00			0.235	
99.00			0.211	
100.00			0.427	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.564	
102.00			0.375	
103.00			0.382	
104.00			0.305	
105.00			0.463	
106.00			0.553	
107.00			0.548	
108.00			0.351	
109.00			0.57	
110.00			0.542	
111.00			0.645	
112.00			0.639	
113.00			0.646	
114.00			12.57	
115.00			12.97	
116.00			0.888	
117.00			0.795	
118.00			0.25	
119.00			0.325	
120.00			0.331	
121.00			0.505	
122.00			0.638	
123.00			0.572	
124.00			0.532	
125.00			0.457	
126.00			0.349	
127.00			0.602	
128.00			2.872	
129.00			0.853	
130.00			3.9	
131.00			0.421	
132.00			0.352	
133.00			0.934	
134.00			0.607	
135.00			0.974	
136.00			0.238	
137.00			3.871	
138.00			3.158	
139.00			0.693	
140.00			2.463	
141.00			0.655	
142.00			2.705	
143.00			0.519	
144.00			0.682	
145.00			0.788	
146.00			0.393	
147.00			0.609	
148.00			0.392	
149.00			0.467	
150.00			0.426	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.309	
152.00			0.537	
153.00			0.311	
154.00			0.384	
155.00			0.207	
156.00			0.224	
157.00			0.244	
158.00			0.718	
159.00			0.344	
160.00			0.598	
161.00			0.535	
162.00			0.479	
163.00			10.64	
164.00			3.827	
165.00			7.379	
166.00			1.377	
167.00			11.63	
168.00			0.706	
169.00			2.648	
170.00			8.716	
171.00			2.667	
172.00			7.504	
173.00			14.47	
174.00			13	
175.00			5.53	
176.00			4.453	
177.00			0.362	
178.00			4.182	
179.00			0.635	
180.00			0.305	
181.00			0.27	
182.00			0.267	
183.00			0.415	
184.00			0.411	
185.00			4.432	
186.00			4.173	
187.00			10.82	
188.00			16.14	
189.00			21.96	
190.00			10.27	
191.00			1.855	
192.00			0.583	
193.00			0.362	
194.00			0.294	
195.00			5.919	
196.00			4.554	
197.00			0.329	
198.00			0.911	
199.00			0.679	
200.00			9.798	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			1.053	
202.00			12.87	
203.00			31.67	
204.00			8.532	
205.00			17.44	
206.00			8.206	
207.00			7.228	
208.00			5.963	
209.00			14.17	
210.00			1.823	
211.00			8.127	
212.00			1.959	
213.00			1.331	
214.00			1.233	
215.00			0.494	
216.00			1.029	
217.00			1.042	
218.00			13.45	
219.00			2.18	
220.00			0.527	
221.00			0.303	
222.00			0.4	
223.00			3.756	
224.00			4.049	
225.00			1.515	
226.00			2.053	
227.00			0.295	
228.00			5.581	
229.00			17.48	
230.00			19.16	
231.00			20.29	
232.00			16.53	
233.00			18.84	
234.00			19.9	
235.00			17.5	
236.00			17.56	
237.00			22.59	
238.00			21.91	
239.00			22.1	
240.00			18.81	
241.00			11.8	
242.00			23.38	
243.00			22.7	
244.00			20.73	
245.00			24.44	
246.00			21.12	
247.00				EOH @ 245.97m

BOX LOG

HOLE: KL-11-34

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	6.56	36	134.49	138.42
2	6.56	11.45	37	138.42	142.59
3	11.45	15.55	38	142.59	146.50
4	15.55	19.18	39	146.50	150.42
5	19.18	22.45	40	150.42	154.53
6	22.45	26.00	41	154.53	158.70
7	26.00	29.34	42	158.70	162.58
8	29.34	33.32	43	162.58	166.30
9	33.32	36.98	44	166.30	169.51
10	36.98	41.04	45	169.51	172.77
11	41.04	45.32	46	172.77	176.24
12	45.32	49.12	47	176.24	179.99
13	49.12	53.27	48	179.99	183.94
14	53.27	57.14	49	183.94	187.86
15	57.14	60.82	50	187.86	191.53
16	60.82	64.26	51	191.53	195.42
17	64.26	67.50	52	195.42	199.02
18	67.50	71.65	53	199.02	202.82
19	71.65	75.59	54	202.82	206.15
20	75.59	78.90	55	206.15	209.86
21	78.90	82.79	56	209.86	213.10
22	82.79	86.57	57	213.10	216.13
23	86.57	89.84	58	216.13	219.20
24	89.84	93.74	59	219.20	222.47
25	93.74	97.31	60	222.47	225.62
26	97.31	101.12	61	225.62	229.16
27	101.12	105.03	62	229.16	232.52
28	105.03	108.07	63	232.52	236.54
29	108.07	111.71	64	236.54	240.46
30	111.71	115.58	65	240.46	244.67
31	115.58	119.87	66	244.67	245.97
32	119.87	123.36	67	245.97	
33	123.36	126.97	68	EOH@ 245.97m	
34	126.97	130.61			
35	130.61	134.49			

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381929.29	6889988.8	1328.29	322.17

ZONE:

SECTION:

HOLE: KL-11-35

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (EOH)

Casing depth: 4.57 (m) in / **out**

Drilling dates: July 09 - 12, 2011

Geology logged by: E. Flavelle

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	200.25		-42.9	Ranger
47.85		-49	Ranger	230.73		-42	Ranger
108.81		-47.1	Ranger	291.69		-39.9	Ranger
169.77		-44.3	Ranger	322.17		-39.9	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57		Casing: No recovery.
4.57	5.18	0.61	OVB	Overburden.
5.18	14.33	9.15	GRD	Oxidized granodiorite; strong hematite staining.
14.33	41.50	27.17	GRD	Patchy phyllic/argillic GRD, potassic overprinting. Qtz
				carb, black mineralized strings increasing downhole.
41.50	45.65	4.15	FLT	Fault. Highly clay altered, matrix supported. GRD cla
45.65	61.02	15.37	GRD	Patchy phyllic/arg/prop alt.GRD. Qtz vns hsting diss p
61.02	115.25	54.23	GRD	Phyllic envl. Qtz vns hsting intense mineralization.
115.25	125.48	10.23	FEL	Brxx followed by Qtz-feld ppy dyke.
125.48	140.41	14.93	GRD	Phyllic envl. Minor qtz vns and strings host minor py.
140.41	149.13	8.72	GRD	Doppled GRD, netted blk strings, qtz vns hosting py.
149.13	186.19	37.06	GRD	Phyllic/arg envl. White qtz vns hsting py.
186.19	204.01	17.82	GRD	Argillic/minor phyllic alt GRD, minor stringers.
204.01	214.46	10.45	GRD	Dracula Zone: intense hem. stained, minor qtz strings
214.46	267.38	52.92	GRD	Patchy phyllic/arg alt. Freq. qtz.vns and strings.
267.38	302.61	35.23	GRD	Highly clay alt., phyllic alt GRD. Qtz-carb stringers.
302.61	311.65	9.04	FEL	Green qtz-feld ppy dyke.
311.65	322.17	10.52	GRD	Phyllic alt. GRD, qtz veins/stringers hsting minor py.

SAMPLES

Numbers: K272768 - K272910

Total: 143

Batch: DDH-35 B1 - B4

Date Sent:

Certificate:

COMMENTS

No downhole survey azimuth data as the tool never cleared the drill rods

GEOLOGY LOG

HOLE: KL-DDH-11-35

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.57																										Casing: No recovery
4.57	5.18																										Overburden.
5.18	10.69					GRD	BLOR		ms	s		s							t	t			t	lim	s		Moderate-strong phyllic altered, pervasive oxidation/limonite staining, some areas very crumbly, others more competent. Trace disseminated pyrite and galena stringer. Minor quartz/carbonate stringers throughout interval.
10.69	14.33					GRD	PUGN			w			PRO	s	vt	40-80	0.5-1	2						hem	s		Strong propylitic altered granodiorite, with hematite staining (purple) over most of interval except for 20cm unstained (green) patch. White quartz stringers and veinlets throughout interval. No significant mineralization. Highly clay altered small dykes or other intrusions? at 13.85m and 13.97m.
			13.85			DK?	PUBK			m					dk?	85	5	1									
			13.97			DK?	ORGN			s					dk?	60	4	1									
14.33	20.21					GRD	BLOR		ms	m		m	POT	t	st	70-80	<0.5	3						lim	m		Moderately strong phyllic altered, limonite stained - in fractures mostly, competent with some more clay altered crumbly patches. Some potassic overprinting on more competent sections. Quartz-carbonate stringers and veinlets - some oxidized, orange - over entire interval. Minor black stringers in one phyllic altered patch. No significant mineralization.
20.21	22.05					GRD	WHPK			m			ARG	ms										lim	w		Moderately strong argillic altered granodiorite with minor potassic overprinting in some areas. Some limonite staining in fractures. Moderately competent but some crumbly areas. Minor oxidized veinlets and stringers - highly clay altered.
													POT	t													
22.05	24.75					GRD	GNOR		m	w					st	60-80	<0.5	5									Phyllic altered granodiorite. Limonite staining on fracture surfaces. Minor oxidized quartz stringers. Highly fractured. No significant mineralization.
			22.92	23.57		FLT	GNOR			s		m			ft	55	30	1						lim	m		Fault? Highly crumbly with larger inclusions/clasts of quartz and phyllic altered granodiorite. Highly sheared. Limonite staining present in pits and fractures.
24.75	29.57					GRD	GNWH		m	m			ARG	m										lim	m		Patch phyllic/argillic altered granodiorite. Argillic often accompanied by trace potassic overprinting. Highly fractured with limonite staining on fracture surfaces. Minor quartz-carbonate stringers - highly clay altered.
													POT	t													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
29.57	33.73					GRD	GNW	PA	m	w			ARG	m	vt/st	5-80	<0.5	2-3						lim	w		Patchy phyllic/argillic altered granodiorite. Argillic often accompanied by trace potassic overprinting. Some fractures with limonite staining on fracture surfaces. Minor quartz-carbonate stringers - weakly clay altered. Black veinlets and stringers near end of interval with hematite staining in close proximity.
													POT	t													
33.73	41.50					GRD	GNW	PA	m	w			ARG	m	st	55	0.5	3						hem	t		Patchy phyllic and argillic altered granodiorite. Some competent, some highly fractured. White quartz veinlets hosting pervasive and disseminated pyrite. Other black stringers. Trace hematite. Moderate limonite staining on fracture surfaces.
													POT	t	vt	70	1	1-2	w	w				lim	w		
41.50	45.65					FLT	LTBL			s					ft	55								hem	t		Fault? Highly clay altered, sheared, with clasts of phyllic altered granodiorite (up to 4cm) and quartz. Very incompetent and matrix supported. Minor hematite and limonite staining. Minor black stringers in some clasts. No significant mineralization.
																								lim	w		
45.65	50.22					GRD	GNBL	EN	m	m			ARG	m													Phyllic altered envelope, very soft with argillic alteration also present throughout. Highly fractured, some crumbly. Minor grey-black stringers throughout interval and two quartz veins (one milky and one white-clear). Descriptions below. No significant mineralization over interval other than two veins.
			48.00			VEN	ORWH								vn	40	2	1	w	w	w						Milky quartz vein with carbonate selvages. Blebs of pyrite and disseminated arsenopyrite.
			49.00			VEN	WH								vn	55	2	1	wm	wm	w						White-clear quartz vein hosting pyrite blebs and minor disseminated pyrite. Minor stringer hosting disseminated pyrite in close proximity to main vein.
															st	50	<0.5	1	w	w	w						
50.22	50.73					GRD	WH			w			ARG	ms	st	75	<0.5	2									Argillic altered granodiorite, potassic overprinting, minor black stringers.
50.73	61.02					GRD	BLGN		m		wm		PRO	ms					w	w				lim	w		Moderately phyllic/propylitic altered granodiorite (patchy), minor quarts-carbonate stringers. Milky quartz veinlets hosting minor disseminated pyrite. Highly fractured, some areas crumbly. Some highly clay altered veinlets.
			52.20	52.59		GRD	WH						ARG	ms													Argillic altered granodiorite, potassic overprinting, minor black stringers.
			55.65			VT									vt	75	1	1	w	w	t						Milky quartz veinlet hosting disseminated pyrite and arsenopyrite, and stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			57.81			VN									vn	80	2	1	m	m							White quartz vein hosting pervasive pyrite in fractures.
			60.90	61.00		VN									vn	70	3	1						lim	w		Pink massive chalcedony vein with clear quartz at contacts. Hosting blebs of honey brown sphalerite, blebs and disseminated pyrite. Limonite staining.
61.02	82.85					GRD	GNOR		ms															lim	m		Phyllic altered envelope containing a high frequency of milky-white quartz veins, veinlets and stringers, hosting varying degrees of mineralization. Limonite staining on fracture surfaces. Moderately fractured.
			61.38			VN									vn	70	2	1	m	m	m		t				Clear quartz vein hosting blebs of pyrite and arsenopyrite and a pyrite stringer. Trace galena?
			61.50			VN									vn	30	2	1									Very shallow dipping, irregular white quartz vein. No significant mineralization.
			61.94			VN		VU							vn	85	2	1	w	w	t						Clear-milky quartz vein hosting disseminated pyrite, minor pyrite stringers and trace arsenopyrite. Minor vuggy texture.
			63.20			VT									vt	90	1	1	ms	m	tw	ms	w				Grey quartz veinlet hosting sphalerite band and blebs, pyrite blebs, disseminated galena, trace arsenopyrite and disseminated pyrite in fracture.
			63.81			VN									vn	75	2	1	ms	w	t?	ms	w				White quartz vein hosting sphalerite band, weak disseminated pyrite, trace disseminated galena, possible trace arsenopyrite.
			64.00			VT?									st	?	2	1	w	w			w				Pyrite bands and stringers. Minor galena and disseminated pyrite. Hosted in clear quartz vein? Very fractured.
			64.46			VN									vn	70	2	1	wm	wm	wm						White-clear quartz vein hosting pyrite and arsenopyrite stringers.
			66.00			VN									vn	70	3-4	1	w	t		w					White quartz vein zoned (replaced previous mineral hexagonal shape). Hosting black and brown sphalerite, tourmaline stringer, trace disseminated pyrite.
			66.57			VN									vn	60	3	1	w			w					White quartz veinlet with minor black/brown sphalerite stringers on either side.
			73.00	73.14		VT		EN/VU							vt	85	0.5	4	ms	m		t					Phyllic envelope containing four milky-white quartz veinlets hosting blebs and pervasive pyrite, trace sphalerite. Very minor buggy texture.
			73.33			VN		VU							vn	70	1.5	2	wm	wm							Clear-pink quartz vein (chalcedony?) hosting blebs of pyrite, slightly vuggy texture.
			73.46			VN									vn	80	2	2	wm	wm							Clear-pink quartz vein (chalcedony?) hosting blebs of pyrite, slightly vuggy texture.
			76.37			VT									vt	60	0.5	1	w	w	t?						Milky-white quartz veinlet hosting blebs of pyrite, possible arsenopyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			74.65	79.19		GRD	WH						ARG	m														Patchy argillic altered granodiorite alternating with main interval phyllic altered granodiorite. Minor black/creamy quartz-carbonate stringers throughout.
82.85	87.40					GRD	BKBL	NE			m								w	w	t?							"Doppled" black-blue granodiorite with orange carbonate stringers and tourmaline stringers giving almost netted texture. Silicified with clear-white quartz veinlets hosting minor disseminated pyrite and pyrite stringers. Trace arsenopyrite? Alteration unknown, possible early stage breccia.
			83.95	85.59		FEL	RDPU	PO		s					dk	60-70												Red-purple quartz feldspar porphyry dyke with irregular calcite/carbonate veinlets and stringers. Highly clay altered.
			83.59	86.87		FEL/G	BL	SH/FT		s					flt	70												Sheared/faulted mix zone of quartz feldspar porphyr dyke and highly clay altered granodiorite.
87.40	115.25					GRD	GN	EN	ms										w	w								Moderately phyllic altered granodiorite envelope Milky-white quartz-carbonate stringers very abundant. Disseminated pyrite radiating away from vein zones hosted in this interval. Minor black stringers and pyrite stringers present throughout interval, especially frequent near breccia and vein zones.
			87.55	88.75		BXA	DKG\	BX/NE							BX	?			w	t				Ak	t			Dark grey breccia/netted granodiorite. Dark grey matrix containing phyllic altered granodiorite clasts and netted, irregular calcite stringers/veinlets. Contacts unclear. Trace ankerite. Trace blebs of pyrite and disseminated pyrite.
			89.00	89.25		GRD	OR		m										w	w								Strong ankerite flooded phyllic altered granodiorite Pyrite stringers and pervasive pyrite especially hosted in fractures.
			89.25	89.95		GRD	DKG\	NE											ms	ms								"Doppled" or netted black granodiorite, approaching breccia. Orange carbonate stringers. Massive and pervasive pyrite hosted throughout.
			92.35	92.51		GRD	DKG\	NE											w	w								Milky-white quartz veining with black/pyrite stringers, some disseminated pyrite. Netted, competent rock.
			93.15	93.26		BXA	BKG\	BX							BX	?			w	w								Black matrix with green-cream coloured clasts of phyllic altered granodiorite. Black/pyrite stringers throughout.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			95.74	96.40		VN	BKBL	NE							VN	50-60	20	1	s	s	s	t					Grey quartz vein hosting massive and pervasive pyrite, pervasive arsenopyrite, trace sphalerite. Breccia and shear zone. Highly clay altered to one side and mafic dyke approximately 2cm wide to the other.
			97.00	97.98		GRD	GN	NE	ms															Ak?	w		Highly netted phyllic envelope containing two vein zones. Quartz-carbonate stringers, ankerite? Black stringers throughout.
						VN									vn	60	15	2	m	m	m						Clear-grey quartz vein hosting pervasive pyrite and pyrite/arsenopyrite stringers.
						VN									vn	55	10	2	m	m	m	t					Clear quartz-orange carbonate vein hosting blebs o pyrite, pervasive arsenopyrite, and trace sphalerite. Banded texture with alternating black stringers and quartz.
			104.18			VN									vn	90	3	1	s	s							Grey-white quartz vein hosting massive pyrite
			107.33			VN									vn	?	2	1	m	m	w						Grey-white quartz vein hosting pyrite blebs and trace disseminated arsenopyrite. Fractured.
			112.80			VN									vn	90	10	3	s	s	m	t					Grey-white quartz vein hosting massive pyrite, pervasive arsenopyrite, trace sphalerite.
			113.00			VN									vn	85	15	3	s	s	w	t					Grey-white quartz vein hosting massive pyrite, weak arsenopyrite, and trace sphalerite.
			113.23			VN									vn	70	10	3	m	m	m	t					Grey-white quartz vein hosting blebby pyrite and arsenopyrite and stringers. Trace sphalerite.
			113.82			VN		VU							vn	90	5	3	ms	ms	ms	t					Grey-white quartz vein hosting massive pyrite and arsenopyrite, trace sphalerite. Minor vuggy texture.
			114.90			VN		VU							vn	65	20	1	s	s	ms	ms	m				Grey-white quartz vein hosting massive pyrite, arsenopyrite, sphalerite, and pervasive galena. Mino vuggy texture.
115.25	115.40					BXA	BK	BX/SH		m					bx	60			wm	wm		t					Breccia/highly sheared zone - transition from granodiorite to quartz feldspar porphyry dyke (contact). Black matrix with granodiorite clasts and blebs of pyrite. Trace sphalerite.
115.40	118.20					FEL	GN	PO							dk	90											Green quartz feldspar porphyry dyke. Phenocrysts up to 1cm wide, white carbonate stringers throughout with trace grey-black stringers.
118.20	125.48					FEL	ORBF	PO							dk	90											Orange-brown quartz feldspar porphyry dyke phenocrysts up to 0.5cm, minor white carbonate stringers throughout.
125.48	140.41																										Moderately strong phyllic envelope, containing numerous veins. Moderately clay altered in some sections. Minor carbonate stringers and veinlets. Disseminated pyrite radiating away from vein zones.
			126.88			VN									vn	70	3	1	wm	wm		t					White quartz vein hosting blebby pyrite and trace sphalerite.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			127.30	127.78		VN									vn	?	25	1	s	s	m	m					Mafic dyke (3cm wide) followed by grey-white quartz vein hosting massive pyrite, massive arsenopyrite, shallow fractures at varying attitudes. Pervasive sphalerite.
			128.25	130.59		VN									vn	?	50	2	s	s	s	w		Ak	w		Two white-grey quartz veins separated by highly clay altered granodiorite. Some mafic dyke present at start of interval/ Massive pyrite, arsenopyrite, disseminated sphalerite and weak ankerite.
			131.17	133.00		GRD	LTGY		w	s						70											Highly clay altered (minor phyllic) granodiorite. Mino orange quartz-carbonate stringers.
			134.41			VN									vn	40	2	2	wm	wm							Grey quartz vein hosting pyrite stringers and sulphide band 1cm wide.
			134.45			VN									vn	60	10	2	wm	wm							White-clear quartz vein hosting disseminated pyrite and black stringers.
			135.00			VN									vn	60	2	1	wm	wm		wm					White-clear quartz vein hosting pyrite and sphalerite stringers, minor disseminated pyrite.
			138.96	139.30		VN									vn	10	15	1	ms	ms	m						Shallow white quartz vein hosting blebby/massive pyrite and arsenopyrite. Faulting has occurred, displacing the original vein in multiple places which has affected the location of the sulphides. Minor orange quartz-carbonate veinlet. Fine grained black/sulphide? matrix fills in quartz vein where pyrite/arsenopyrite are not present.
			139.45	139.60		VN									vn	60	15	1	ms	ms	w	t					Grey-white quartz vein hosting blebby/some massive pyrite, disseminated pyrite and arsenopyrite, trace sphalerite. Calcite veinlet present with orange (carbonate?) selvages.
140.41	149.13																										"Doppled" granodiorite, approaching breccia containing numerous black stringers and veins, some hosting mineralization.
			140.41	140.79		GRD	BK	NE					POT	t													"Doppled", approaching breccia, netted with black stringers, some orange quartz stringers, minor potassic overprinting.
			140.96	141.14		VN									vn	70	10	1	w	w							White quartz vein hosting blebs of pyrite, minor chalcedony veinlet.
			141.23	142.82		GRD	BK	NE							st	60	1	1	wm	wm	t	wm	t				"Doppled" texture, granodiorite. Netted with black and orange stringers. Sphalerite stringer with disseminated galena and pyrite in middle of interval.
			143.19	143.44		VN									vn	70	10	1	wm	wm				Ak	m		Grey-white quartz vein hosting blebs of pyrite, carbonate or ankerite? flooded.
			144.98	145.38		GRD	BKPK						POT	ms													"Doppled", approaching breccia, netted with black stringers, some orange quartz stringers, moderate-strong potassic overprinting.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			145.63	145.93		GRD	BKPK						POT	ms													"Doppled", approaching breccia, netted with black stringers, some orange quartz stringers, moderate-strong potassic overprinting.
149.13	153.56					GRD	DKGN	NE					POT	wm										hem	s		Moderately phyllic altered granodiorite, highly netted with black stringers. Potassic overprinting, minor pyrite stringers, minor white quartz veinlets and stringers throughout. Very strong hematite staining.
			148.83			VN									vn	80	1	1	s	s							White quartz vein hosting massive pyrite
153.56	168.32					GRD	GN		m																		Phyllic altered granodiorite with minor patches of hematite staining. Quartz-carbonate stringers throughout.
			155.85	158.18		GRD	WHGN	PA					ARG	ms										hem	w		Patchy argillic altered granodiorite alternating with main interval phyllic altered granodiorite. Minor hematite staining and cross-cutting quartz stringers.
			161.72			VN									vn	50	2	1	m	m							White quartz vein hosting pervasive pyrite
			162.80	164.07		GRD	WHPK						ARG	mw										hem	w		Moderately-weak argillic altered granodiorite. Minor irregular calcite veinlets, minor hematite staining.
			164.09			VN									vn	55	15	1									Clear quartz vein hosting blebby pyrite throughout. Irregular orange-creamy quartz-carbonate veinlets present. Minor black stringers and ankerite staining.
168.32	179.05					GRD	GNGY	NE					PRO	m										hem	tw		Dark green-grey granodiorite, moderately propylitic altered. Weak argillic alteration near quartz-carbonate fractures, minor potassic overprinting. Minor hematite staining in some fractures. Approaching netted texture in some sections due to high frequency of black cross-cutting stringers.
													ARG	w													
													POT	t													
179.05	182.05					GRD	LTGN	EN	ms				ARG	t					wm	wm							Moderately-strong phyllic altered envelope. Quartz carbonate stringers and minor veinlets throughout interval hosting disseminated pyrite. Trace argillic alteration.
			179.57			VT									vt	70	1	3	m	m							Milky-white quartz veinlet hosting blebby pyrite
			179.65			VN									vn	55-60	1	3	s					st	s		White quartz vein hosting long and acicular stibnite crystals cross-cutting throughout vein.
			179.95			VN									vn	60	2	3	s					st	s		White quartz vein hosting long and acicular stibnite crystals cross-cutting throughout vein.
			180.81			VN									vn	75	3	1	t	t							White-clear quartz vein hosting trace disseminated pyrite.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
182.05	186.19					GRD	DKGN	NE					PRO	wm					w	w							Weak-moderate propylitic altered granodiorite with some trace argillic alteration near fractures. Hematite stained patches and on some fracture surfaces. Dark green/black stringers cross-cutting throughout giving netted texture in some areas. Minor disseminated pyrite and pyrite stringers.
													ARG	t					w	w							
186.19	204.01					GRD	GN	PA	ms	w			ARG	w													Moderately-strong argillic altered granodiorite, patchy with small sections of potassic overprinted argillic altered granodiorite. Some small sections of propylitic altered granodiorite. Quartz-carbonate stringers throughout interval. Some hematite stained areas - mostly fracture surfaces. Mostly competent, some weakly clay altered areas especially near argillic altered rock. Very minor disseminated pyrite.
													PRO	w													
													POT	t													
			192.42	193.15		GRD	PU	NE	ms															hem	ms		Moderately-strong hematite stained phyllic altered granodiorite. Irregular white quartz veinlets and many cross-cutting black-dark green stringers. Approaching netted texture over part of interval.
			200.58	203.28		GRD	PU	NE	ms															hem	ms		Moderately-strong hematite stained phyllic altered granodiorite. Irregular white quartz veinlets and many cross-cutting black-dark green stringers. Approaching netted texture over part of interval.
			203.28	203.60		VN	PURD						PRO	m	vn	40	25	1									Propylitic altered envelope. Highly silicified interval with white-translucent quartz vein hosting trace pyrite, with quarts/chalcedony breccia? on both sides of vein. Hematite flooding throughout vein and interval.
204.01	214.46					GRD	RDPU			ms			PRO	s										hem	s		"Dracula Zone", very highly hematite flooded/stained propylitic altered granodiorite. Moderately-strong clay alteration throughout (brittle and crumbly in parts). Montmorillonite/kaolinite very present in some fractures. Quartz-carbonate stringers throughout, weak-moderate disseminated tourmaline and stibnite in some white quartz veinlets.
																								st	wm		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
214.46	220.06					GRD	GN	PA	m	w			PRO	m										hem	wm		Patchy phyllic/propylitic altered granodiorite, with weak-moderate hematite staining. Weakly clay altered near some fractures. Brecciated quartz vein zones throughout - grey quartz veins cross-cut and brecciated by chalcedony.
220.06	220.85					BXA	GN	BX	m						BX	30								hem	wm		Breccia - grey matrix hosting many phyllic altered, some hematite stained clasts up to 4cm wide.
220.85	225.21					GRD	GNPL	PA	m				PRO	m	vn	85	3	2						hem	ms		Patch phyllic/propylitic altered granodiorite with quartz/chalcedony veining (1/m). Very strong hematite staining/flooding throughout.
225.21	246.01					GRD	GNW	PA		wm			ARG	m													Patchy propylitic/argillic altered granodiorite. Mostly competent, some areas higher clay altered and crumbly. Hematite flooding throughout, some irregular white-clear quartz veinlets and veins. Montmorillonite/kaolinite in some fractures.
													PRO	m													
			227.05			VN									vn	?	2-3	1									White-clear quartz vein, highly fractured
			234.60			VN									vn	85	2	2	t	t							Grey quartz/chalcedony vein hosting trace disseminated pyrite.
			235.70			VN									vn	90	1	3									White quartz vein with chalcedony selvage
			235.92			VN									vn	85	2	3									White quartz vein with chalcedony selvage
			236.03			VN									vn	?	3	3									Irregular white quartz vein with chalcedony selvage.
			242.77			APL	RD	DK							dk	90	1	1									Aplite dyke, red.
246.01	256.10					GRD	LTGN		m	ms			ARG	w										hem	t		Phyllic altered, minor propylitic altered granodiorite. Moderately strong clay altered (crumbly/gougy). Creamy carbonate stringers and veinlets throughout as well as clear-white grey quartz veinlets and veins Trace hematite staining with minor argillic alteration. Some disseminated pyrite.
													PRO	w													
			255.51			VN									vn	40	5	1									Grey quartz vein with black matric breccia on either side.
256.10	261.76					GRD	GNPL	PA					PRO	ms													Propylitic altered granodiorite with moderately-strong hematite staining. Some argillic altered patches, montmorillonite/kaolinite in some fractures (brittle). Some creamy-white quartz stringers and veinlets.
													ARG	w													
			257.54			VN									vn	60	1	1									White quartz vein.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
261.76	267.38					GRD	GN	PA					PRO	w										hem	t		Phyllic altered granodiorite with frequent quartz-carbonate stringers and veinlets, minor black stringers, disseminated pyrite. Patchy propylitic and trace argillic alteration. Weak hematite staining.
													ARG	t													
267.38	277.58					GRD	GN		ms	ms																	Moderately-strong clay altered, phyllic alterec granodiorite. Minor hematite staining,
			267.78			VN									vn	?	10	1									Highly fractured white-clear quartz vein
			271.15			BXA	DKGN	BX							bx	85	20	1									Dark matrix breccia with phyllic altered clasts and 2cm white quartz vein at end of breccia.
						VN									vn	85	2	1									
277.58	280.44					GRD	DKGN			m			PRO	wm	vt	60-60	0.5	1						hem	w		Weak-moderate propylitic altered granodiorite, white quartz veinlets (1 per metre). Moderately clay altered in some areas. Hematite staining on fracture surfaces. Kaolinite/montmorillonite in some fractures - brittle.
280.44	290.95					GRD	GNPH	PA	ms	w			ARG	w										hem	wm		Patchy phyllic altered granodiorite, minor argillic altered sections, hematite stained patches. Quartz-carbonate veinlets and stringers present (approx. 3 per metre). Mostly competent, some crumbly argillic altered sections. Two unmineralized white quartz veins.
															vn	35	3	2									
															vn	45	2	2									
			285.86	289.01		GRD	GNWH		ms	s			ARG	w	vn	80	5	1	w	w				hem	w		Highly clay altered, soft, phyllic altered granodiorite. Minor argillic alteration in patches. One mineralized quartz vein near start of interval hosting blebby pyrite and black stringers. Chalcedony selvages. Minor hematite staining over whole interval.
290.95	301.60					GRD	GNPH	PA	wm	w			PRO	m	vn	40	4	1									Patchy propylitic altered granodiorite, also argillic and minor phyllic alteration. Competent except for some crumbly argillic sections. Hematite staining throughout and on fracture surfaces. Quartz-carbonate stringers throughout (approx. 5 per metre). Unmineralized hematite stained quartz vein half way through interval.
													ARG	wm													
301.60	302.61					C	LTGY			s																	Highly clay altered contact between granodiorite and quartz-feldspar porphyry dyke.
302.61	311.65					FEL	GN	PO		ms					dk	40?											Green quartz-feldspar porphyry dyke. Phenocrysts up to 1cm. Banded pink and dark green dyke also present in patches (up to 15cm bands) throughout. Some highly clay altered areas. Highly clay altered shear zone near end of interval (contact with granodiorite).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
311.65	315.41					GRD	LTGN	PA	ms	w			ARG	w										hem	t		Phyllic altered granodiorite with minor patches of argillic alteration. Mostly competent except for one crumbly argillic portion. Very minor hematite staining.
			314.31			VN									vn	60-70	1-2	4									Four white quartz veins, unmineralized
315.41	322.17					GRD	GYGN	PA	w																		Relatively unaltered granodiorite with some minor phyllic altered patches. Minor quartz carbonate stringers throughout (2 per metre).
			315.75	316.39		GRD	LTGN	EN	ms						vn	90	0.5	2	w	w							Phyllic envelope containing two clear quartz veins hosting disseminated pyrite.
															vn	75	1	2	w	w							
																											END OF HOLE @ 322.17m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-LL-35

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
4.57	5.18	0.61	0.70	115	0.00	0				
5.18	8.23	3.05	2.46	81	0.61	20				
8.23	11.28	3.05	2.85	93	0.34	11				
11.28	14.33	3.05	2.98	98	0.98	32				
14.33	17.37	3.04	2.98	98	0.60	20				
17.37	20.42	3.05	2.98	98	0.20	7				
20.42	23.47	3.05	3.06	100	0.11	4				
23.47	26.52	3.05	2.95	97	0.10	3				
26.52	29.57	3.05	3.07	101	0.11	4				
29.57	32.61	3.04	3.12	103	0.72	24				
32.61	35.66	3.05	2.97	97	0.82	27				
35.66	38.71	3.05	3.00	98	0.55	18				
38.71	41.76	3.05	2.97	97	0.79	26				
41.76	44.81	3.05	3.09	101	0.00	0				
44.81	47.85	3.04	3.14	103	0.52	17				
47.85	50.90	3.05	3.04	100	0.58	19				
50.90	53.95	3.05	2.95	97	0.47	15				
53.95	57.00	3.05	3.02	99	0.91	30				
57.00	60.05	3.05	2.87	94	0.65	21				
60.05	63.09	3.04	3.09	102	0.72	24				
63.09	66.14	3.05	2.87	94	0.43	14				
66.14	69.19	3.05	3.08	101	0.43	14				
69.19	72.24	3.05	3.10	102	0.32	10				
72.24	75.29	3.05	2.84	93	0.43	14				
75.29	78.33	3.04	2.94	97	0.64	21				
78.33	81.38	3.05	3.07	101	0.65	21				
81.38	84.43	3.05	2.82	92	1.26	41				
84.43	87.48	3.05	2.74	90	0.89	29				
87.48	90.53	3.05	2.66	87	0.16	5				
90.53	93.57	3.04	2.84	93	0.52	17				
93.57	96.62	3.05	3.00	98	1.11	36				
96.62	99.67	3.05	2.88	94	0.50	16				
99.67	102.72	3.05	2.93	96	0.63	21				
102.72	105.77	3.05	2.65	87	0.29	10				
105.77	108.81	3.04	2.90	95	0.35	12				
108.81	111.86	3.05	2.76	90	1.09	36				
111.86	114.91	3.05	3.02	99	1.27	42				
114.91	117.96	3.05	3.00	98	0.20	7				
117.96	121.00	3.04	3.03	100	0.99	33				
121.00	124.05	3.05	3.90	128	1.44	47				
124.05	127.10	3.05	3.10	102	0.86	28				
127.10	130.10	3.00	2.90	97	0.73	24				
130.10	133.20	3.10	2.94	95	1.01	33				
133.20	136.24	3.04	3.02	99	0.88	29				
136.24	139.29	3.05	3.07	101	1.08	35				
139.29	142.34	3.05	3.06	100	1.60	52				
142.34	145.39	3.05	3.03	99	1.82	60				
145.39	148.43	3.04	2.95	97	1.78	59				
148.43	151.59	3.16	2.96	94	0.85	27				
151.59	154.53	2.94	2.91	99	1.04	35				
154.53	157.58	3.05	2.87	94	1.22	40				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.58	160.63	3.05	2.84	93	0.78	26				
160.63	163.68	3.05	3.01	99	0.77	25				
163.68	166.73	3.05	2.99	98	1.50	49				
166.73	169.77	3.04	3.09	102	0.89	29				
169.77	172.82	3.05	2.93	96	0.87	29				
172.82	175.87	3.05	3.03	99	0.56	18				
175.87	178.90	3.03	2.80	92	0.45	15				
178.90	181.97	3.07	2.85	93	0.93	30				
181.97	185.02	3.05	3.00	98	1.13	37				
185.02	188.06	3.04	2.89	95	1.20	39				
188.06	191.11	3.05	3.06	100	0.84	28				
191.11	194.16	3.05	2.98	98	0.69	23				
194.16	197.21	3.05	3.05	100	1.37	45				
197.21	200.25	3.04	2.99	98	0.50	16				
200.25	203.30	3.05	2.96	97	0.11	4				
203.30	206.35	3.05	2.82	92	0.61	20				
206.35	209.40	3.05	2.73	90	0.74	24				
209.40	212.48	3.08	3.60	117	0.39	13				
212.48	215.49	3.01	3.10	103	0.87	29				
215.49	218.54	3.05	3.13	103	1.02	33				
218.54	221.59	3.05	3.03	99	1.48	49				
221.59	224.64	3.05	3.12	102	1.94	64				
224.64	227.69	3.05	3.00	98	1.26	41				
227.69	230.07	2.38	2.44	103	1.07	45				
230.07	233.78	3.71	3.47	94	1.38	37				
233.78	236.83	3.05	2.75	90	0.76	25				
236.83	239.88	3.05	2.32	76	0.75	25				
239.88	242.93	3.05	2.44	80	0.00	0				
242.93	245.97	3.04	2.71	89	0.38	13				
245.97	249.02	3.05	2.81	92	0.21	7				
249.02	252.07	3.05	2.81	92	0.68	22				
252.07	255.12	3.05	2.70	89	0.79	26				
255.12	258.17	3.05	3.01	99	1.07	35				
258.17	261.21	3.04	3.07	101	1.98	65				
261.21	264.26	3.05	3.08	101	1.77	58				
264.26	267.31	3.05	3.11	102	1.38	45				
267.31	270.36	3.05	2.98	98	0.17	6				
270.36	273.41	3.05	3.04	100	1.49	49				
273.41	276.45	3.04	3.16	104	0.65	21				
276.45	279.50	3.05	3.11	102	1.58	52				
279.50	282.55	3.05	3.06	100	1.84	60				
282.55	285.60	3.05	3.10	102	2.02	66				
285.60	288.65	3.05	2.98	98	1.80	59				
288.65	291.69	3.04	3.00	99	1.54	51				
291.69	294.74	3.05	3.02	99	0.48	16	MS			
294.74	297.79	3.05	2.84	93	0.58	19	MS			
297.79	300.84	3.05	3.02	99	1.15	38	S			
300.84	303.89	3.05	2.90	95	1.01	33	S			
303.89	306.93	3.04	3.03	100	0.90	30	MS			
306.93	309.95	3.02	3.08	102	1.20	40	MS			
309.95	313.05	3.10	3.09	100	1.01	33	S			
313.05	316.08	3.03	2.97	98	1.93	64	MS			
316.08	319.13	3.05	2.91	95	2.37	78	MS			

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
319.13	322.17	3.04	3.01	99	2.20	72	MS			EOH @ 322.17M

SAMPLE LOG

HOLE: KL-11-35

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	5.18	5.18	0.00	0							
5.18	8.23	3.05	2.43	80	K272768	1					
8.23	10.69	2.46	2.19	89	K272769	1					
10.69	14.33	3.64	3.32	91	K272770	1					
14.33	18.25	3.92	3.64	93	K272771	1					
18.25	22.23	3.98	3.90	98	K272772	1					
22.23	26.20	3.97	3.70	93	K272773	1					
26.20	30.19	3.99	3.67	92	K272774	1					
30.19	34.20	4.01	3.86	96	K272775	1					
					K272776	1					STANDARD: CDN-ME-16
34.20	38.09	3.89	3.60	93	K272777	1					
38.09	41.48	3.39	1.83	54	K272778	1					
41.48	45.75	4.27	4.19	98	K272779	1					
45.75	47.38	1.63	1.55	95	K272780	1					
47.38	50.32	2.94	2.93	100	K272781	1					
50.32	52.59	2.27	2.19	96	K272782	1					
52.59	55.78	3.19	3.08	97	K272783	1					
55.78	58.58	2.80	2.73	98	K272784	1					
					K272785	1					BLANK
58.58	60.73	2.15	2.18	101	K272786	1					
60.73	62.20	1.47	1.50	102	K272787	1					
62.20	64.65	2.45	2.35	96	K272788	1					
					K272789	1					BLANK
64.65	67.28	2.63	2.48	94	K272790	1					
67.28	70.53	3.25	3.53	109	K272791	1					
70.53	72.95	2.42	2.37	98	K272792	1					
72.95	74.40	1.45	1.40	97	K272793	1					
74.40	78.33	3.93	3.85	98	K272794	1					
78.33	81.38	3.05	3.02	99	K272795	1					
					K272796	1					DUPLICATE
81.38	82.75	1.37	1.36	99	K272797	1					
82.75	83.91	1.16	1.08	93	K272798	1					
83.91	85.56	1.65	1.65	100	K272799	1					
					K272800	1					STANDARD: CDN-ME-16
85.56	87.48	1.92	1.47	77	K272801	1					
87.48	89.98	2.50	2.44	98	K272802	1					
89.98	91.99	2.01	2.02	100	K272803	1					
91.99	94.14	2.15	2.18	101	K272804	2					
94.14	96.62	2.48	2.45	99	K272805	2					
96.62	98.41	1.79	1.78	99	K272806	2					
98.41	100.75	2.34	2.40	103	K272807	2					
100.75	103.44	2.69	2.56	95	K272808	2					
103.44	105.17	1.73	1.70	98	K272809	2					
105.17	107.98	2.81	2.58	92	K272810	2					
107.98	110.25	2.27	2.09	92	K272811	2					
110.25	112.42	2.17	2.09	96	K272812	2					
112.42	115.44	3.02	3.00	99	K272813	2					
					K272814	2					BLANK
115.44	118.33	2.89	2.89	100	K272815	2					
118.33	121.38	3.05	3.03	99	K272816	2					
					K272817	2					DUPLICATE
121.38	125.49	4.11	4.00	97	K272818	2					
125.49	126.74	1.25	1.24	99	K272819	2					
126.74	128.55	1.81	1.77	98	K272820	2					
128.55	130.60	2.05	2.01	98	K272821	2					
130.60	133.01	2.41	2.37	98	K272822	2					
133.01	135.14	2.13	2.06	97	K272823	2					
135.14	137.94	2.80	2.75	98	K272824	2					
					K272825	2					STANDARD: CDN-ME-16
137.94	138.96	1.02	1.01	99	K272826	2					
138.96	140.41	1.45	1.45	100	K272827	2					
					K272828	2					BLANK
140.41	142.85	2.44	2.45	100	K272829	2					
142.85	144.98	2.13	2.10	99	K272830	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments	
144.98	147.13	2.15	2.17	101	K272831	2						
147.13	149.49	2.36	2.37	100	K272832	2						
149.49	151.49	2.00	1.96	98	K272833	2						
151.49	153.56	2.07	2.03	98	K272834	2						
153.56	155.77	2.21	2.22	100	K272835	2						
155.77	158.17	2.40	2.26	94	K272836	2						
					K272837	2					STANDARD: CDN-ME-16	
158.17	161.13	2.96	2.81	95	K272838	2						
161.13	162.76	1.63	1.59	98	K272839	2						
162.76	165.02	2.26	2.25	100	K272840	3						
165.02	168.32	3.30	3.19	97	K272841	3						
168.32	171.42	3.10	3.10	100	K272842	3						
171.42	174.76	3.34	3.12	93	K272843	3						
174.76	177.00	2.24	2.27	101	K272844	3						
177.00	178.99	1.99	1.82	91	K272845	3						
178.99	180.06	1.07	1.00	93	K272846	3						
					K272847	3					BLANK	
180.06	181.97	1.91	1.94	102	K272848	3						
181.97	184.26	2.29	2.24	98	K272849	3						
184.26	186.19	1.93	1.98	103	K272850	3						
186.19	188.99	2.80	2.60	93	K272851	3						
188.99	192.40	3.41	3.33	98	K272852	3						
192.40	194.00	1.60	1.53	96	K272853	3						
194.00	197.09	3.09	3.04	98	K272854	3						
					K272855	3					STANDARD: CDN-ME-16	
197.09	200.53	3.44	3.45	100	K272856	3						
200.53	204.00	3.47	3.21	93	K272857	3						
204.00	205.29	1.29	1.29	100	K272858	3						
					K272859	3					BLANK	
205.29	208.31	3.02	2.64	87	K272860	3						
208.31	211.19	2.88	2.87	100	K272861	3						
211.19	214.48	3.29	3.33	101	K272862	3						
214.48	216.77	2.29	2.35	103	K272863	3						
216.77	220.10	3.33	3.41	102	K272864	3						
220.10	221.91	1.81	1.76	97	K272865	3						
221.91	224.78	2.87	2.80	98	K272866	3						
					K272867	3					DUPLICATE	
224.78	226.48	1.70	1.70	100	K272868	3						
226.48	229.01	2.53	2.34	92	K272869	3						
229.01	231.21	2.20	2.15	98	K272870	3						
					K272871	3					STANDARD: CDN-ME-16	
231.21	233.27	2.06	2.13	103	K272872	3						
233.27	235.65	2.38	1.96	82	K272873	3						
235.65	238.35	2.70	2.65	98	K272874	3						
238.35	242.93	4.58	3.05	67	K272875	3						
242.93	245.97	3.04	2.64	87	K272876	4						
					K272877	4					STANDARD: CDN-ME-16	
245.97	248.41	3.15	2.37	75	K272878	4						2.44
248.41	251.56	3.48	2.74	79	K272879	4						3.15
251.56	255.04	2.08	2.10	101	K272880	4						3.48
255.04	257.12	3.11	3.05	98	K272881	4						2.08
257.12	260.23	2.41	2.50	104	K272882	4						3.11
260.23	262.64	2.62	2.40	92	K272883	4						2.41
262.64	265.26	2.10	2.19	104	K272884	4						2.62
265.26	267.36	2.86	2.61	91	K272885	4						2.10
267.36	270.22	2.88	2.85	99	K272886	4						2.86
270.22	273.10	2.88	2.79	97	K272887	4						
273.10	275.49	2.39	2.51	105	K272888	4						
275.49	277.58	2.09	2.06	99	K272889	4						
277.58	280.44	2.86	2.91	102	K272890	4						
					K272891	4					STANDARD: CDN-ME-16	
280.44	282.55	2.11	2.14	101	K272892	4						
282.55	285.84	3.29	3.32	101	K272893	4						
285.84	289.02	3.18	3.18	100	K272894	4						
					K272895	4					BLANK	
289.02	291.09	2.07	2.01	97	K272896	4						

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
291.09	293.46	2.37	2.40	101	K272897	4					
293.46	297.04	3.58	3.57	100	K272898	4					
					K272899	4					DUPLICATE
297.04	299.26	2.22	2.29	103	K272900	4					
299.26	301.58	2.32	2.34	101	K272901	4					
301.58	302.65	1.07	0.98	92	K272902	4					
302.65	306.33	3.68	3.63	99	K272903	4					
306.33	309.98	3.65	3.75	103	K272904	4					
309.98	311.65	1.67	1.68	101	K272905	4					
311.65	315.40	3.75	3.76	100	K272906	4					
315.40	316.44	1.04	1.06	102	K272907	4					
					K272908	4					BLANK
316.44	319.12	2.68	2.61	97	K272909	4					
319.12	322.17	3.05	2.98	98	K272910	4					
											END OF HOLE @ 322.17m

DENSITY LOG

Hole: **KL-11-35**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1980.2	1726.5	2 kg standard		7.81
54.95	GRD									7.843	4.197	362.1	310.8	Unaltered granodiorite.	3.34	7.06
												1984.16	1813.5	2 kg standard		11.63
116.39	FEL	PO	GN							7.832	4.178	347.7	249.1	Quartz feldspar poyphyry dyke.	3.24	3.53
														End of Hole @ 322.17m		

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-35

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00			0.431	
6.00			0.179	
7.00			0.177	
8.00			0.322	
9.00			0.178	
10.00			0.162	
11.00			0.305	
12.00			0.334	
13.00			0.276	
14.00			0.38	
15.00			0.379	
16.00			0.257	
17.00			2.656	
18.00			0.301	
19.00			0.418	
20.00			0.279	
21.00			1.094	
22.00			0.77	
23.00			0.215	
24.00			0.298	
25.00			0.381	
26.00			0.395	
27.00			0.297	
28.00			0.317	
29.00			0.444	
30.00			0.318	
31.00			0.393	
32.00			0.303	
33.00			0.448	
34.00			4.535	
35.00			0.852	
36.00			0.503	
37.00			1.207	
38.00			0.604	
39.00			0.425	
40.00			0.689	
41.00			0.278	
42.00			0.276	
43.00			0.192	
44.00			0.548	
45.00			0.274	
46.00			0.342	
47.00			0.17	
48.00			0.358	
49.00			0.373	
50.00			0.561	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.634	
52.00			0.284	
53.00			3.338	
54.00			0.501	
55.00			0.783	
56.00			0.217	
57.00			0.995	
58.00			0.389	
59.00			1.838	
60.00			0.29	
61.00			0.694	
62.00			1.558	
63.00			0.279	
64.00			0.314	
65.00			0.429	
66.00			0.751	
67.00			0.428	
68.00			0.408	
69.00			0.285	
70.00			2.094	
71.00			0.383	
72.00			0.308	
73.00			3.196	
74.00			0.987	
75.00			0.316	
76.00			0.192	
77.00			0.455	
78.00			0.383	
79.00			0.196	
80.00			0.259	
81.00			0.235	
82.00			1.553	
83.00			0.377	
84.00			0.303	
85.00			0.161	
86.00			0.306	
87.00			0.268	
88.00			0.031	
89.00			0.433	
90.00			0.261	
91.00			0.323	
92.00			0.244	
93.00			0.295	
94.00			0.31	
95.00			0.336	
96.00			0.193	
97.00			0.354	
98.00			0.398	
99.00			0.227	
100.00			0.3	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.795	
102.00			0.325	
103.00			0.212	
104.00			0.41	
105.00			0.357	
106.00			0.35	
107.00			0.203	
108.00			0.182	
109.00			0.609	
110.00			0.643	
111.00			0.325	
112.00			0.285	
113.00			0.278	
114.00			0.063	
115.00			0.058	
116.00			0.227	
117.00			0.268	
118.00			0.371	
119.00			0.222	
120.00			0.308	
121.00			0.185	
122.00			0.156	
123.00			0.132	
124.00			0.153	
125.00			0.196	
126.00			0.261	
127.00			0.0016	
128.00			0.297	
129.00			0.941	
130.00			0.02	
131.00			0.157	
132.00			0.224	
133.00			0.113	
134.00			0.313	
135.00			0.281	
136.00			0.76	
137.00			0.343	
138.00			0.351	
139.00			0.342	
140.00			0.335	
141.00			0.344	
142.00			0.356	
143.00			0.597	
144.00			0.271	
145.00			0.238	
146.00			0.303	
147.00			0.219	
148.00			0.426	
149.00			0.278	
150.00			0.479	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.267	
152.00			0.723	
153.00			0.329	
154.00			0.502	
155.00			0.337	
156.00			0.3	
157.00			0.526	
158.00			0.857	
159.00			1.825	
160.00			0.387	
161.00			0.257	
162.00			0.161	
163.00			0.154	
164.00			0.346	
165.00			0.207	
166.00			1.063	
167.00			0.19	
168.00			0.583	
169.00			15.44	
170.00			9.63	
171.00			6.827	
172.00			15.11	
173.00			13.28	
174.00			0.846	
175.00			5.544	
176.00			0.575	
177.00			8.792	
178.00			14.65	
179.00			2.721	
180.00			0.685	
181.00			0.544	
182.00			0.477	
183.00			8.956	
184.00			1.17	
185.00			4.672	
186.00			6.873	
187.00			0.271	
188.00			0.293	
189.00			0.434	
190.00			0.347	
191.00			1.332	
192.00			0.431	
193.00			0.914	
194.00			0.443	
195.00			0.838	
196.00			9.864	
197.00			0.511	
198.00			0.203	
199.00			0.409	
200.00			0.482	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.391	
202.00			0.377	
203.00			0.278	
204.00			0.394	
205.00			0.18	
206.00			0.409	
207.00			0.239	
208.00			0.293	
209.00			0.512	
210.00			0.329	
211.00			0.195	
212.00			0.849	
213.00			0.216	
214.00			0.195	
215.00			0.218	
216.00			0.27	
217.00			0.214	
218.00			0.031	
219.00			0.254	
220.00			0.276	
221.00			0.277	
222.00			0.219	
223.00			0.182	
224.00			13.38	
225.00			0.248	
226.00			2.135	
227.00			0.29	
228.00			9.686	
229.00			3.177	
230.00			0.445	
231.00			4.705	
232.00			18.61	
233.00			14.11	
234.00			4.634	
235.00			0.48	
236.00			0.368	
237.00			1.84	
238.00			3.545	
239.00			0.518	
240.00			11.63	
241.00			9.259	
242.00			6.129	
243.00			14.37	
244.00			0.679	
245.00			3.98	
246.00			0.971	
247.00			0.235	
248.00			0.226	
249.00			0.287	
250.00			0.493	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.276	
252.00			0.287	
253.00			0.331	
254.00			0.335	
255.00			0.09	
256.00			0.506	
257.00			0.414	
258.00			0.468	
259.00			0.709	
260.00			7.735	
261.00			1.61	
262.00			0.208	
263.00			0.401	
264.00			0.326	
265.00			0.269	
266.00			0.413	
267.00			5.39	
268.00			0.863	
269.00			3.109	
270.00			0.33	
271.00			0.314	
272.00			0.315	
273.00			1.869	
274.00			5.084	
275.00			0.444	
276.00			0.351	
277.00			0.442	
278.00			3.305	
279.00			4.242	
280.00			1.379	
281.00			0.869	
282.00			0.239	
283.00			0.308	
284.00			0.741	
285.00			0.4	
286.00			0.227	
287.00			0.304	
288.00			0.208	
289.00			0.179	
290.00			0.544	
291.00			0.375	
292.00			4.474	
293.00			0.664	
294.00			0.33	
295.00			0.338	
296.00			0.412	
297.00			0.708	
298.00			7.923	
299.00			1.765	
300.00			0.288	

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MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.811	
302.00			0.183	
303.00			0.128	
304.00			0.194	
305.00			0.265	
306.00			0.258	
307.00			1.073	
308.00			0.041	
309.00			0.65	
310.00			0.046	
311.00			0.129	
312.00			0.381	
313.00			0.314	
314.00			0.346	
315.00			0.41	
316.00			0.459	
317.00			11.45	
318.00			14.97	
319.00			15.54	
320.00			20.47	
321.00			0.635	
322.00			3.921	
323.00				EOH @ 322.17m

BOX LOG

HOLE: KL-11-35

BOX	FROM (m)	TO (m)
1	4.57	10.56
2	10.56	16.19
3	16.19	21.81
4	21.81	27.50
5	27.50	33.01
6	33.01	38.71
7	38.71	44.60
8	44.60	50.09
9	50.09	55.78
10	55.78	61.02
11	61.02	66.17
12	66.17	71.14
13	71.14	76.72
14	76.72	81.90
15	81.90	87.48
16	87.48	92.77
17	92.77	98.27
18	98.27	103.74
19	103.74	109.33
20	109.33	115.28
21	115.28	121.00
22	121.00	126.52
23	126.52	132.19
24	132.19	137.94
25	137.94	143.74
26	143.74	149.49
27	149.49	154.71
28	154.71	159.82
29	159.82	165.36
30	165.36	170.72
31	170.72	176.10
32	176.10	181.30
33	181.30	186.81
34	186.81	192.72
35	192.72	198.54

BOX	FROM (m)	TO (m)
36	198.54	204.32
37	204.32	210.14
38	210.14	215.37
39	215.37	220.77
40	220.77	226.30
41	226.30	231.98
42	231.98	237.38
43	237.38	243.83
44	243.83	250.07
45	250.07	255.95
46	255.95	261.67
47	261.67	267.38
48	267.38	273.11
49	273.11	278.34
50	278.34	283.86
51	283.86	289.49
52	289.49	294.74
53	294.74	300.21
54	300.21	305.84
55	305.84	311.33
56	311.33	316.92
57	319.92	322.14
58	EOH @ 322.17m	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382566.2	6890605	1334.5	249.02

SECTION:

HOLE: KL-11-36

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (249.02m / EOH)

Casing depth: _____ (m) in / out

Drilling dates: July 10 - 13, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.84	8.84	OVB	Overburden
8.84	21.03	12.19	GRD	Partialy altered and strongly oxidized granodiorite.
21.03	26.23	5.20	GRD	Altered GRD with small amounts of black breccia.
26.23	42.97	16.74	POR	Purple quartz feldspar porphyry dyke.
42.97	76.36	33.39	GRD	Altered GRD with disseminated pyrite and some
				toumaline in areas. Hosts quartz carbonate sulphide
				veins.
76.36	91.96	15.60	GRD	Grey purple slightly altered GRD with small
				concetrations of hematite.
91.96	118.05	26.09	GRD	Primarily phyllic altered granodiorite.
118.05	153.75	35.70	GRD	Primarily phyllic altered GRD with alot of veining.
153.75	164.46	10.71	GRD	Grey purple slightly altered GRD with black stringers.
164.46	203.94	39.48	GRD	Primarily phyllic altered granodiorite with an abundanc
				of quartz sulphide veining and disseminated sulpdies.
				Stibnite and tourmaline are present in the interval.
203.94	249.02			Grey Purple GRD with an abundance od aplite dykes.
249.02				EOH

SAMPLES

Numbers: K269890-K270000, K863151-K863189

Total: 150

Batch: DDH-KL-11-36 B1-B5

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-36

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	8.84	8.84				OVB																					Overburden
8.84	9.55	0.71				GRD	MDGY					m-s															Medium Grey Oxidized Granodiorite
			8.01	8.18	0.17	GRD	GNOR	EN	s			s			VT	85	0.2	1								Strongly Oxidized strong phyllic envelope around a grey/white quartz carbonate veinlet.
9.55	20.00	10.45				GRD	GYOR		s			m-i	pot pro	m m													Moderate to intsensely oxidized strong clay and moderate potassic altered granodiorite with patches of moderate propylitic alteration throughout.
			11.84	12.23	0.39	GRD	LTGN		ms			m-i															Moderate strong phyllic altered granodiorite with moderate oxidation.
			12.23	12.64	0.41	GRD	BLGN	EN	f		s	w-s			VT	85	0.3	4		t							Strongly silicified fair phyllic blue green granodiorite envelope around multiple quartz carbonate veilets.
			12.64	12.87	0.23	GRD	LTGN		ms			m															Moderate strong phyllic altered granodiorite with moderate oxidation.
			14.37	14.94	0.57	GRD	GNGY		ms			m	pro	f													Moderate strong phyllic altered granodiorite with patches of fair propylitic alteration and moderate oxidation.
			14.94	16.31	1.37	GRD	MDGY					w															Medium grey weakly oxidized granodiorite
			16.53	17.28	0.75	GRD	GN		m			s															Moderatly phyllic altered granodiorite with stronly oxidized fractures.
			18.29	18.96	0.67	GRD	GNGY	EN	s						VT	85	0.4	1		s		i					Strong phyllic envelope around a white quartz veinlet.
20.00	21.03	1.03				BXA	BKGN													t-f							Black Green breccia with large angular clasts. Contains trace to fair amounts of disseminated pyrite.
21.03	26.23	5.20				GRD	BLGN						pro	s													Blue green grey strong propylitic altered granodiorite. Many randomly oriented stringers are infilled with chlorite.
			21.81	23.96	2.15	GRD	WHPK			s			pot pro	m f													Strongly clay altered granodiorite with moderate amounts of potassic alteration and patches of fair propylitic alteration.
			23.96	24.09	0.13	GRD	GYBL			i																	Intensely clay altered granodiorite. Very soft and maleable.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
																											Black Green breccia with large angular clasts. Contains trace to fair amounts of disseminated
			24.09	24.32	0.23	BXA	BKGN													t-f							pyrite.
			24.38	24.40	0.02	BXA	BK								VN	87	1.3	1		t							Black breccia vein
			24.60	24.83	0.23	BXA	GYBL			s										t							Grey blue strongly clay altered breccia
			24.83	25.70	0.87	GRD	WHBL			s			pro	w													Strong clay and weak propylitic altered granodiorite.
			25.70	25.74	0.04	BXA	DKGY								VN	80	3.4	1									Dark grey breccia veir
			25.75	25.76	0.01	APL	RDPK																				Red Pink aplite dyke
26.23	42.97	16.74				POR	PU																				Purple altered quartz feldspar prophyry dyke
			32.75	33.62	0.87	GRD	WHPK			s-i			pot	ms													Strong to intensely clay altered and moderatly potassicly altered granodiorite with fair amounts of propylitic alteration.
													pro	f													
			33.62	34.00	0.38	GRD	DKGN						pro	s													Strongly propylitic altered granodiorite
			35.43	35.90	0.47	POR	RD																				Red quartz feldspar porphyry dyke
			35.90	41.86	5.96	POR	GNGY																				Green grey quartz feldspar porphyry dyke
42.97	50.91	7.94				GRD	GYGN		w				pot	w													Weakly phyllic and potassic altered granodiorite
			44.25	44.55	0.30	GRD	GYGN	EN	m	ms			pro	m						t							Large moderate phyllic and propylitic envelope followed by a small moderate strong clay and fair potassic envelope.
													pot	f													
								BL							VT	48	1.0	1		i							The envelopes around around a bleby pyrit/ grey quartz/ and unknow black mineral vein.
			45.69	45.93	0.24	GRD	WHPK			s			pot	f													Strong clay, fair potassic and weak propylitic altered granodiorite.
													pro	w													
			45.93	46.76	0.83	GRD	GN		s				pro	w						t-f							Strong phyllic and weak propylitic altered granodiorite with a bunch of black and orange stringers and veinlets.
															ST	60		7									
															VT	60	0.4	1									
															VT	60	0.9	1									
			46.76	46.90	0.14	BXA	BK													w							Black breccia with weak amounts of disseminated pyrite.
			46.90	47.07	0.17	GRD	BN		s				pro	f						t							Strong phyllic an fair propylitic altered granodiorite.
			47.07	47.36	0.29	GRD	WHPK			ms			pot	f						t							Moderate strong clay and fair potassic altered white pink granodiorite.
			48.33	49.22	0.89	GRD	GYGN		w	ms	s																Strongly silicified, moderate strong clay alteration with a weak phyllic overprint.
			49.22	49.43	0.21	GRD	GYMT				s									35	f		w		w		Strongly silicified granodiorite with an abundance of disseminated sulphides and sulphide blebs.
			49.43	49.65	0.22	GRD	GNGY		f		s									t							Strongly silicified fairly phyllic altered granodiorite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
50.91	76.36	25.45				GRD	GYGN		m-s	ms	f-ms									t-m							Fair to moderate strong silicifed, moderat to strongly phyllic light green grey granodiorite with a few patches of moderate strong clay alteration. Contains a moderately hard orange mineral throughout the interval. Contains multiple quartz carbonate stringers.
															ST	70		1-8									
			51.10	51.12	0.02	VEN	GY								VN	77	1.2	1		w							Grey quartz vein with weak amounts of disseminated pyrite.
			51.19	51.30	0.11	GRD	WHPK			s			pot	w						t							Strong clay and weak potassicaly altered granodiorite.
			51.40	51.42	0.02	VEN	GYTN													f							Dark grey and light tan quartz vein with fair amounts of disseminated pyrite.
			51.49	51.86	0.37	GRD	WHPK			s			pot	w						t							Strong clay and weak potassicaly altered granodiorite.
			52.40	53.11	0.71	GRD	WHGN			s			pot pro	m s						t							Strong phyllic and propylitic and moderate potassic altered granodiorite.
			53.30	53.33	0.03	VEN	GYTN								VN	55	2.3	1		f							Grey tan quarts vein with fair amounts of disseminated pyrite.
			54.83	54.85	0.02	VEN	GYTN								VN	83	1.0	1		t							Tan and dark grey quartz vein containing trace amounts of disseminated pyrite
			55.61	55.62	0.01	VEN	BKMT								VT	13	0.2	1		ms							Long low angle veinlet consisting of quartz, pyrite and a blabk long needle like mineral. Possibly tourmaline or stibnite.
			57.12	57.13	0.01	VEN	MT								VT	20	0.1	1		100							Long low angle pyrite veinle
			57.80	58.26	0.46	FEL	GYTN	BL							DK	68	46.0	1		i							Grey tan felsic dyke with small to large pyrite blebs.
															VN	10	###	1		i				To	f		Long light orange quartz carbonate vein running through it containing a large amount of a soft bright red mineral as well as disseminated pyrite and tourmaline.
			59.89	59.93	0.04	VEN	GYMT	BL							VN	50	3.1	1		m				To	ms		Black, grey, tan , metallic vein consisting of disseminated black tourmaline, blebs of pyrite and gray and tan quartz.
			60.17	60.20	0.03	VEN	MTGY	BL							VT	55	0.3	2		m				To	w		Two quarts veinlets conatining bleby pyrite and small amounts of disseminated black tourmailine.
			60.28	60.35	0.07	VEN	MTGY	MA							VN	40	6.5	1		50				To	w		Large quartz vein containing semi massive pyrite and small amounts of disseminated black tourmailine.
			60.63	60.73	0.10	GRD	GYGN	EN			m		pro	m													Moderatly silicified and propylitic envelope around a grey/tan quartz veinlet with pyrite blebs.
								BL							VN	70	0.7	1		40							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			60.73	61.13	0.40	GRD	WHPK			ms			pot	m														Moderate strong clay and moderate potassic altered granodiorite.
			61.55	62.46	0.91	GRD	GY			s	s									t-f							Strongly clay altered, strong silicified grey granodiorite with trace to fair amounts of disseminated pyrite.
															VT	75	0.4	3									
			63.66	63.68	0.02	VEN	LTOR								VN	82	1.0	1		f							Light orange quartz vein with pyrite along its margins.
			63.89	65.34	1.45	GRD	GYPU																				Grey pyrple granodiorite
			65.52	65.54	0.02	GRD	BLGY	EN			s									m							Strong silica envelope containg disseminated pyrite around a light orange quarts vein.
															VT	65	0.2	1									
			65.80	65.81	0.01	VEN	ORWH								VN	80	1.0	1		f							Light orange and white quartz vein with fair amounts of disseminated pyrite.
			67.07	67.12	0.05	VEN	GYOR								VN	84	4.0	1		f							Grey and light orange quartz and white quartz vein with disseminated pyrite.
			67.34	67.86	0.52	GRD	PUGY																				Grey pyrple granodiorite
			68.52	68.90	0.38	GRD	PUGY																				Grey pyrple granodiorite
			69.11	69.81	0.70	GRD	PUGY																				Grey pyrple granodiorite with a few black stringers.
															ST	70		3									
			70.68	70.86	0.18	GRD	GYGN		ms				pro	ms						f							Moderate strong phyllic and propylitic envelope containig fair amounts of disseminated pyrite around a large grey quartz sulphide vein.
															VN	80	7.5	1		s			f				
			72.11	72.33	0.22	GRD	GYPU																				Grey pyrple granodiorite
			73.03	73.09	0.06	VEN	DKGY	BL							VN	65	4.0	1		ms		f					Light orange an dgrey quartz vein with blebs of pyrite and sphalerire.
			73.34	73.36	0.02	APL	GYPK								VN	20	1.5	1									Grey and pink aplite vein
			74.10	74.13	0.03	VEN	GYOR								VN	2	87.0	1		s		w	f				Grey and light otange quartz vein with blebs of pyrite, sphalerite and galena along its bottom margin.
			75.66	75.72	0.06	GRD	GYGN	EN					pro	f						t							Fair propylitic, silica rich envelope with trace amounts of disseminated pyrite. Envelope is around l light orange quartz vein with fair amounts of disseminated pyrite.
76.36	91.96	15.60				GRD	GYPU													w							Grey pyrple granodiorite with large slightly reddish patches of increased hematite concetration. These patches contain trace to weak amounts of disseminated pyrite.
															ST	72		1-4									Contains multiple black stringers
			77.90	78.82	0.92	GRD	GNPU		s				hem	m													Strong phyllic altered granodiorite with moderate amounts of hematite staining in the second half of the interval after a very hard red/brown vein. The second half of the interval contains a large (1.3cm wide) pyrite bleb.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VN	40	1.8	1									
			79.18	79.34	0.16	FEL	LTRD								DK	48	16.0	1									Light red felsic dyke.
			79.53	80.58	1.05	GRD	GYGN		ms	f																	Grey green moderatly strong phyllic and fair clay altered granodioirte.
			80.58	80.89	0.31	FEL	GYTN								DK	47	31.0	1									Grey tan felsic dyke
			81.01	81.08	0.07	FEL	PURD								DK	40	7.0	1									Purple red felsic dyke
			81.08	81.26	0.18	GRD	GNPU		ms	w																	Moderate strong phyllic and weak clay alterec granodiorite.
			81.26	81.30	0.04	VEN	ORGY													ms		t	s				Light orange and grey quartz vein, containing pyrite, sphalerite and galena.
			81.30	81.47	0.17	GRD	GNWH		m	m																	Moderate clay and phyllic altered granodiorite
			82.59	82.61	0.02	APL	DKRD								VN	20	1.1	1									Dark red aplite veir
			82.79	82.81	0.02	APL	DKRD								VN	20	1.3	1									Dark red aplite veir
			86.21	86.89	0.68	GRD	GNYW	EN	ms	w																	Moderate strong phyllic and weak clay envelope around a white cardonate vein with a tan grey quartz sulphide veinlet running along ots lower margin.
															VN	75	4.5	1									
															VT	75	0.9	1		w			t				
			86.89	89.66	2.77	GRD	PURD			s			hem	m						t							Heamatite stained purple red and grey granodiorite with patches of strong clay alteration.
			91.37	91.96	0.59	GRD	WHPK			s			pot	m													Strong clay altered granodiorite with moderate amounts of heamatite alteration.
91.96	95.45	3.49				GRD	GNGY		ms	w										n-t							Moderate to strong phyllic altered granodiorite with patches of weak clay alteration. Contains none to fai amounts of disseminated pyrite.
			92.15	92.17	0.02	VEN	LTTN	DI							VN	65	1.4	1		f							Light tan quartz carbonate vein with fair amounts of disseminated pyrite.
			92.82	93.14		GRD	GYGN		s	m-i										t-f							Strongly phyllic altered granodiorite that has been moderatly silica flooded in areas. The top half of the interval has been moderatly clay altered with three bands of intense clay alteration.
			93.88	94.01		GRD	GNGY				ms		pro	m													Moderate strong silica flooded, moderate propylitic altered granodiorite with a moderatly hard orange mineral (ankerite?) throughout the interval. Contains weak to moderate amounts of diseminated pyrite.
			95.29	95.32		VEN	GYBK								VN	45	2.5	1		s							Grey quartz and black sulphide vein with disseminated amounts of pyrite.
95.45	118.05	22.60				GRD	GYRD			s			pot	m													Grey and light orange/red granodiorite with patches of strong clay alteration and moderate potassic alteration.
															VT	80	0.2	1-5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			96.56	96.64	0.08	GRD	YWGN	EN	ms						VT	82	0.4	1									Yellow green phyllic envelope around an orange and white quartz carbonate veinlet.
			100.54	100.78	0.24	GRD	GYGN	EN	m		s				VN	70	3.0	1		w-f						Strongly silicified moderatly phylliuc envelope around a milky white quartz carbonate vein with weak to fair amounts of disseminated pyrite along the upper contact.
			100.78	105.37	4.59	GRD	GYPU			s			pot	m												Heaviy broken up grey purple green granodiorite with patches of strong clay and moderate potassic alteration. The majority of these patches have been reduced to gravel.
			106.26	106.31	0.05	GRD	YWWH		w	m					VN	87	1.2	1									Moderate clay envelope with weak phyllic overprint around a white quartz carbonate vein.
			106.88	107.16	0.28	GRD	GNGY	EN	ms				pro	ms	VN	82	1.4	1		t-w m						Moderate strong phyllic and propylitic envelope containing trace to weak amounts of disseminated pyrite around a light orange and grey quartz pyrite vein.
			108.91	109.46	0.55	GRD	GNOR	EN	ms	s			pot	m	VT	80	0.2	4-7									Green orange moderate strong phyllic envelope then a strong clay and moderate potassic envelope around a broken up light orange and grey quartz veinlet zone.
118.05	153.75	35.70				GRD	GNGY		m-s	n-m					VT	80	0.4	1-3		n-t						Moderate to strong phyllic altered green grey granodiorite with multiple orange grey veinlets. A few small patches have been moderatly clay altered.
			119.55	119.65	0.10	GRD	GNRD		m-s				hem	m												Band of moderate phyllic and hematite alterednggranodiorite.
			120.27	120.42	0.15	GRD	GNRD		m-s				hem	m												Band of moderate phyllic and hematite alterednggranodiorite.
			120.48	123.20	2.72	GRD	GYRD			s			hem pot	f m	VT	21	0.1	1								Grey red granodiorite with fair hematitie staining and small to large patches of strong clay and moderate potassic alteration.
			121.54	121.74	0.20	GRD	LTGN	EN	ms						VT	60	0.3	1		s						Contains multiple white grey carbonate veinlets Light green moderate strong phyllic envelope around a quartz pyrite veinlet
			122.02	122.11	0.09	GRD	LTGN	EN	ms						VT	60	0.2	1								Light green moderate strong phyllic envelope around a orange quartz veinlet.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			123.75	123.84	0.09	GRD	GYGN	EN	ms											t-w							Moderate strong phyllic, sillica floded envelope with trace to weak amounts of disseminated pyrite.
															VN	70	1.1	1		ms			f			Envelope is around a grey white quartz carbonate vein with disseminated sulphides
			123.93	123.97	0.04	GRD	GY			i																	Intensely clay altered granodiorite
			124.05	124.56	0.51	GRD	GNWH		ms	f																	Moderate strong phyllic and fair clay altered granodiorite. Has an abundance of blue green (chlorite rich?)
															VT	40	6.5	5									stringers and veinlets.
															ST	50		4									
			126.77	126.85	0.08	GRD	GY	EN		i										t-w							Intensely clay altered granodiorite envelope around black/grey sulphide vein.
															VN	77	1.0	1								
			128.35	128.90	0.55	GRD	WHPK			ms			pot	f													Moderaste strong clay and fair potassic altered granodiorite.
			130.77	130.86	0.09	GRD	GY			i																	Intesely clay altered granodiorite
			132.03	132.65	0.62	GRD	GYPK			m																	Grey purple granodiorite with patches of moderate clay alteration.
			132.65	132.87	0.22	GRD	GNWH		m	m																	Alternating moderate phyllic and clay alterations
			132.87	133.84	0.97	MAF	BKBN																				Black mafic porphyry (footwall dyke?) with patches of brown alteration. Dyke is weakly magnetic and contains trace amounts of small pyrite blebs.
			134.59	134.78	0.19	GRD	WHPK			ms			pot	f													Moderate strong clay and fair potassic altered granodiorite.
			136.27	136.31	0.04	VEN	DKGY								VN	55	3.0	1		f	f	f					Dark grey quartz vein containing disseminated pyriye, arsenopyrite and sphalerite.
			136.31	136.38	0.07	VEN	WH								VN	55	6.0	1									White calcite vein.
			136.38	136.42	0.04	GRD	GY			i																	Intesely clay altered granodiorite
			136.42	136.62	0.20	BXA	DKGY																				Breccia with dark grey clasts in a grey matrix with white calcite veinlets that are randomly oriented throughout.
			136.97	137.11	0.14	GRD	GY				s									w-f							Strongly silicified granodiorite with weak to fair amounts of disseminated pyrite.
			137.22	137.34	0.12	GRD	DKGY				i									w-f							Intensely silicified granodiorite with weak amounts of disseminated pyrite.
			137.34	137.60	0.26	GRD	ORGN						hem?	ms													Moderate strong hematite stained range granodiorite contains randomly oriented calcite veinlets.
															VT		0.2	4								
			137.60	137.83	0.23	GRD	DKGY				i									w-m	w-m	w-m					Intensely silicified granodiorite with weak to moderate amounts of disseminated pyrite, arsenopyrite and sphalerite. Contains one white calcite vein and multiple veinlets.
															VN	80	1.0	1								
															VT	65	0.3	3								

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			137.95	137.99	0.04	BXA	BK								VN	70	2.0	1		t							Black breccia woth clast of grey green quartz feldsapar porphyry dyke.
			138.00	138.23	0.23	POR	GYGN																			Grey green quartz feldspar porphyry dyke with randomly oriented calcite veining.
															VT		0,1	6								
			140.11	140.29	0.18	GRD	GYOR	BX			i									w						Intensely silicifed granodiorite with clasts of dark mafic dyke. Contains weak amounts fo disseminated pyrite.
			140.29	140.46	0.17	MAF	DKGY																			Weakly magnetic dark grey mafic (footwall?) dyke.
			142.42	142.48	0.06	VEN	TNGY								VN	80	3.0	1		w	w					Tan and grey quartz vein with weak amounts of disseminated pyrite and arsenopyrite.
			142.65	142.78	0.13	VEN	TNGY								VN	40	2.0	1		w						Tan and dark grey quartz vein with weak amounts of disseminated pyrite.
			146.83	146.93	0.10	GRD	BLGY	EN			s		pro	f						w						Strongly silicified fair propylitic envelope around two black sulphide and grey quartz venlets and one vein.
															VN	60	1.0	1		s						
															VT	50	0.2	2		s						
			147.51	147.54	0.03	VEN	GYTN								VN					s			w	St	m	Grey and tan sulphide vein with black and red stibnite needles.
			147.97	148.01	0.04	GRD	GYBL				s									s		w				Band of strongly silicified blue grey granodiorite with strong bands of disseminated pyrite and weak amounts of sphalerite.
			150.18	150.39	0.21	GRD	GNGY	EN	s	s	s									w-f						Silica flooded strong phyllic envelope around a band of strong clay alterterd strongly silicified granodiorite containing idsseminated pyrite and arsenopyrite.
								BN												m	ms					
			150.39	151.13	0.74	VEN	BNGY								VN	8	1.8	1								Long low angle brown grey quartz vein
			152.55	152.61	0.06	VEN	GYMT								VN	75	6.0	1		i	ms	f	w			Grey and tan quartz vein with disseminated pyrite and sphalerite, galena and arsenopyrite.
			153.40	153.64	0.24	GRD	WHPK			s			pro	f												Strongly clay altered granodiorite with fair amounts of potassic and propylitic alteration.
													pot	f												
153.75	164.46	10.71				GRD	GYPU																			Grey purple granodiorite with an abundace of black stringers throughout the interval. Some areas are red/orange due to increased hematite concetrations.
															ST	60		0-2								
															ST	30		0-4								
			154.24	155.05	0.81	GRD	GNOR		ms																	Moderate strong ohyllic altered granodiorit
			155.57	155.76	0.19	GRD	GNOR		ms																	Moderate strong ohyllic altered granodiorite with a few orange carbonate stringers.
															ST	65		3								
			157.12	157.74	0.62	GRD	GNWH		m	m																Moderatly phyllic and clay altered granodiorite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			159.99	160.31	0.32	GRD	GNYW	EN	ms		s																Moderate strone phyllic envelope around a band o
			160.75	160.92	0.17	GRD	WHGY			s																	strongly silicified granodiorite.
																											Broken up strongly clay altered granodiorite
			161.52	162.52	1.00	GRD	GNGY		ms		s																Strongly silicified, moderate strong phyllic altered granodiorite. Containing an abundance of white carbonate stringers.
															ST	50		8									
164.46	203.94	39.48				GRD	GYGN		m-s	w-ms	m-s																Moderate to strong phyllic altered granodiorite with patches of moderate to strong silicification and patches of w-ms clay alteration.Trace to strong amunts of orange ankerite throughout the interval. Contains multiple white carbonate stringers and quartz veinlets with disseminated pyrite.
															ST	55		0-3									
															VT	60	0.2	0-3		n-t							
															VT	80	0.2	0-2		n-t							
			165.03	165.09	0.06	GRD	GYGN	EN					pro	m													Silica flooded moderate propylitic envelope around a quartz pyriteand sphalerite veinlte.
					0.00										VT	55	0.3	1		35		f					
			166.30	166.31	0.01	VEN	DKGY								VN	75	1.0	1		t							Dark grey quartz vein with trace amounts of disseminated pyrite.
			166.34	166.35	0.01	VEN	BK								VT	75	0.6	1									Black sulphide veinlet with trace amounts of pyrite.
			166.37	166.40	0.03	VEN	TNGY								VN					f							Light tan and grey quartz vein with fair amounts of disseminated pyrite.
			167.41	167.66	0.25	GRD	WHGN			m			pro	m													Alternation moderate clay and propylitic alteration patches.
			170.05	171.03	0.98	GRD	WHGY			s		i								t							Intensely silicified strongly clay altered granodiorite. Clay has been silic ified and flooded with quartz. There are grey quartz veinlets throughout the interval.
															VT	40	0.2	5		t							
			170.41	170.45	0.04	VEN	GYMT								VT	70	0.7	1		m	m		30				Quartz sulphide veinlet
			170.53	170.58	0.05	VEN	GY	BL							VN	85	5.0	1		f							Quartz vein with pyrite blebs.
			170.70	170.73	0.03	VEN	GY	BL							VN	22	3.0	1		w							Quartz vein with pyrite blebs.
			171.03	######	######	GRD	WHGY	BL		s			pot	w-m						w							Strong clay and weak to moderate potassic alterec granodiorite with pyrite blebs.
			171.25	171.38	0.13	GRD	GNGY		s		i																Intensely silicified and strongly phyllic altered granodiorite with a yellow mineral ankerite(?).
															VT	45	0.2	2		m-s							Contains four grey and black quartz sulphide veinlets.
															VT	75	0.4	2		f-ms			w				
			171.97	172.01	0.04	VEN	GYTN								VN	80	1.5	1		w	t						Grey/dark grey and light tan quaurtz vein containing disseminated pyrite and aresenopyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			172.24	172.25	0.01	VEN	BKTN								VN	80	1.0	1		f	w							Tan quartz and black sulphide vein with disseminated pyrite and arsenopyrite.
			172.87	172.88	0.01	VEN	GYGN	BL							VT	30	0.8	1		w								Grey qurtz with blue green chlorite staining and pyrite blebs.
			173.17	173.21	0.04	GRD	GYGN	EN		s			pro	s													Strongly silica flooded and propylitic grey green envelope around a quaqrtz sulphide veinlet.
															VT	50	1.0	1		s	w	m	w				
			175.87	175.88	0.01	VEN	DKGY								VN	86	1.0	1		t								Dark grey quartz vein with trace amounts of disseminated pyrite.
			175.96	176.01	0.05	VEN	DKGY								VN	80	5.0	1		f	f							Dark grey quartz vein with trace amounts of disseminated pyrite and arsenopyrite.
			179.74	180.08	0.34	GRD	GYGN		m				pot	w														Grey green moderatly phyllic and weakly potassic granodiorite.
			180.43	180.48	0.05	VEN	DKGY								VN	70	5.0	1		t-w								Grey and dark grey quartz vein with trace to weak amounts of disseminated pyrite.
			180.95	180.96	0.01	VEN	GY								VN	35	1.0	1						Se	w		Grey quartz vein with weak amounts of sericite
			182.67	183.28	0.61	GRD	GYGN						pro	w														Grey green and pink granodiorite with weak propylitic and potassic alteration.
													pot	w														
			183.52	183.97	0.45	GRD	GYGN		m		s		pro	m						t								Silicified propylitic and phyllic altered granodiorite.
			186.60	186.62	0.02	VEN	WHGY													m				Se	w		Grey and white, quartz carbonate vein with pyrite blebs and disseminated sericite.
			187.02	188.00	0.98	GRD	GYOR		m		s																Strongly silica flooded, moderatly phyllic granodiorite with a high abundance of orange ankerite.
			187.73	187.76	0.03	GRD	GYOR													t				To	m		Band of strongly silicified granodiorite with bts of ankerite. The margins of the band are lined with black tourmailine and tourmaleina pyrite are disseminated throughout the interval.
			187.81	187.82	0.01	VEN	GYGBK								VT	30	0.2	1		m				To	70		Quartz and tourmaline (black) veinlet with moderate amounts of disseminated pyrite.
			188.44	188.45	0.01	VEN	BKTN								VT	29	0.5	1						To	i		Tan quartz and black tourmaline vein
			188.87	188.88	0.01	VEN	BKTN								VT	30	0.4	1		s				To	i		Tan quartz and black tourmaline vein with disseminated pyrite.
			188.98	189.72	0.74	GRD	GYGN		s		i									w			t	To	w		Intensely silicified, strongly phillic altered grey green granodiorite with disseminated pyrite and tourmaline.
			189.20	189.28	0.08	GRD	WHMT	BL		s	s									30							Patch of strongly silicified, strongly clay altered granodiorite with pyrite blebs.
			189.40	189.72	0.32	GRD	GY				i									f				To	f		Intensely silicified granodiorite, over 90% of the interval has been turned to quartz. Interval contains disseminated pyrite and tourmaline.
			192.32	194.60	2.28	GRD	GNPU		w				hem	w													Weakly phyllic altered and heamatite stained green, grey, purple and red granodiorite. Contains an abundance of black stringers.
															ST	60		2-6									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			188.94	189.95	1.01	VEN	GYMT								VT	20	0.2	1									Quartz pyrite veinlet
			189.23	189.24	0.01	VEN	GYMT								VT	20	0.3	1									Quartz pyrite veinlet
			194.60	195.08	0.48	GRD	WHPU			ms			hem	m													Moderate strong clay altered and heamatite stained granodiorite.
			195.94	196.15	0.21	GRD	GNGY		s		s																Strongly silicified, strongly phyllic granodiorite with disseminated pyrite and tourmaline.
			197.18	197.21	0.03	VEN	GYMT								VN			1									Grey and dark grey quartz sulphide vein
			197.21	197.42	0.21	GRD	GYGN		s		i																Intensely silicified strongly phyllic granodiorite with trace amounts of pyrite.
			198.83	199.05	0.22	GRD	GYGN		f				pot	t													Fair phyllic and trace potassic altered granodiorite.
			199.39	199.40	0.01	VEN	GYGN																				Grey green quartz vein with trace amounts of pyrite.
			200.27	201.96	1.69	GRD	GYGN						pro	w													Grey green orange weakly propylitic and hematite stained granodiorite.
													hem	w													
			203.22	203.23	0.01	VEN	GYTN																	To	i		Grey tan quartz vein with intense amounts of disseminated tourmailine.
			203.44	203.77	0.33	VEN	GN								VN	5	1.5	1		t				To	f		Green quartz vein with fair amounts of disseminated tourmailine and trace amounts of disseminated pyrite.
203.94	249.02	45.08				GRD	GYPU						pro	w													Grey, green, purple, pink weakly propylitic and potassic altered granodioirte. Contains patches of stron clay alteration
													pot	w													
															ST	35		0-3									Contains multiple black stringers
			213.18	213.19	0.01	VEN	LTOR	BN							VT	60	0.5	1		i		i					Light orange quartz veinlet with blebs of pyrite and sphalerite.
			214.18	214.98	0.80	GRD	GNOR		ms	s																	Phyllic ltered granodiorite with orange ankerite(?) throughtout the interval.. Large patch of clay alteration in the center of the interval.
															VT	50	0.1	4									Multiple grey quartz veinlets
			217.37	217.38	0.01	APL	RD								VT	75	0.4	1									Red aplite veinlet.
			217.61	221.51	3.90	GRD	GNOR		ms				hem	m													Green ornage grey, moderate strong phyllic and moderate hematite altered granodiorite. Abundace of light orange quartz carbonate veinlets, veina nd stringres.
															VN	70	1.1	1									
															VT	55	0.3	3									
															ST	40		5									
			217.84	217.86	0.02	VEN	RDPU								VT	30	0.3	1						Hem	100		Red purple hematite veinlet
			218.41	218.94	0.53	VEN	GYRD						hem	f	VN	3	1.2	1									Long low angle quartz carbonate veinl with fair amounts of hematitie staining.
			222.31	222.32	0.01	APL	RD								VT	25	0.6	1									Red aplite veinlet that has been faulted
															FLT	80		1									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			223.67	225.02	1.35	GRD	WHPK			s			pot	w														Strongly clay altered and weakly potassic altered granodiorite with an abundance of aplite veinlets and veins.
			223.82	223.90	0.08	APL	RD	BL							VN	60	1.7	1		w							Two red aplite veins, the first one has pyrite blebs.
															VN	70	2.7	1									
			224.10	224.43	0.33	GRD	GNPK	EN	ms				pot	m														Moderate strong phyllic and moderate strong potassic alterd granodiorite envelopearound a grey and orange quartz carbonate veinlet.
															VT	55	0.4	1									
			224.57	224.58	0.01	APL	RDPU								VT	78	0.5	1									Fualted aplite veinlet
															FLT	7		1									
			224.68	224.69	0.01	APL	RD								VT	67	0.4	1									Faulted aplite veilet
															FLT	32		1									
			224.78	224.82	0.04	APL	RD								VN	70	4.0	1									Red aplite veinlet.
			226.69	227.01	0.32	GRD	GNRD		ms		ms		hem	m													Green grey red moderately silicified, moderate strong phyllic altered and moderatly hematite stained granodiorite.
			227.27	227.33	0.06	VEN	WHOR								VN	40	1.5	1									White and light orange carbonate vein
			231.57	232.94	1.37	GRD	GNOR		s																		Strongly phyllic altered granodiorite with an abundance of orange ankerite throughout the ionterval.
															VN	60	1.1	2									Contains two black and tan quartz veins, one at the top and one at the bottom of the interval.
			233.04	233.37	0.33	GRD	GNWH			s			pro	m													Strongly clay altered and moderatly propylitic altered granodiorite.
			239.42	242.71	3.29	APL	RDPK								VN	10	1.0	1		t							Very long aplite vein that varies in width from 0.5cm to 6cm but is primarily ~1cm wide.
			245.24	245.25	0.01	APL	RDPK								VT	25	0.4	1									Red pink aplite vein
			245.52	245.53	0.01	APL	RDPK								VT	25	0.4	1									Red pink aplite vein
249.02	EOH																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-36

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.27	4.27	0.96	22	0.23	5	S	HW		
4.27	5.79	1.52	0.63	41	0.00	0	S	MW		
5.79	8.23	2.44	1.73	71	1.26	52	S	MW		
8.23	11.28	3.05	2.92	96	1.65	54	S	MW		
11.28	14.33	3.05	3.03	99	1.35	44	S	MW		
14.33	17.37	3.04	3.00	99	0.96	32	S	SW		
17.37	20.42	3.05	3.04	100	1.86	61	S	SW		
20.42	23.47	3.05	3.15	103	1.72	56	S	SW		
23.47	26.52	3.05	2.77	91	0.74	24	S	FR		
26.52	29.57	3.05	3.00	98	1.50	49	S	SW		
29.57	32.61	3.04	3.09	102	1.36	45	VS	FR		
32.61	35.66	3.05	2.86	94	0.80	26	MS	FR		
35.66	38.71	3.05	3.00	98	1.40	46	S	FR		
38.71	41.71	3.00	3.01	100	0.82	27	ES	FR		
41.71	44.81	3.10	3.06	99	1.50	48	ES	FR		
44.81	47.85	3.04	3.00	99	1.22	40	VS	FR		
47.85	50.90	3.05	3.05	100	1.05	34	ES	FR		
50.90	53.95	3.05	2.88	94	1.68	55	VS	FR		
53.95	57.00	3.05	3.15	103	0.77	25	S	FR		
57.00	60.05	3.05	3.13	103	0.83	27	VS	FR		
60.05	63.09	3.04	3.10	102	2.01	66	VS	FR		
63.09	66.14	3.05	3.19	105	1.57	51	S	FR		
66.14	69.19	3.05	3.03	99	1.17	38	S	FR		
69.19	72.24	3.05	3.07	101	2.01	66	VS	FR		
72.24	75.29	3.05	3.05	100	1.28	42	S	FR		
75.29	78.33	3.04	3.00	99	1.32	43	VS	FR		
78.33	81.38	3.05	3.12	102	0.77	25	S	FR		
81.38	84.43	3.05	3.05	100	0.43	14	S	FR		
84.43	87.48	3.05	3.07	101	0.82	27	S	FR		
87.48	90.53	3.05	2.90	95	0.64	21	MS	FR		
90.53	93.57	3.04	3.18	105	0.95	31	M	FR		
93.57	96.62	3.05	3.02	99	1.60	52	M	FR		
96.62	99.67	3.05	3.05	100	0.86	28	M	FR		
99.67	102.72	3.05	2.50	82	0.37	12	S	FR		
102.72	105.77	3.05	3.15	103	0.25	8	S	FR		
105.77	108.81	3.04	3.08	101	0.47	15	MS	FR		
108.81	111.86	3.05	2.10	69	1.46	48	S	FR		
111.86	114.91	3.05	3.05	100	1.04	34	VS	FR		
114.91	117.96	3.05	3.08	101	0.32	10	M	FR		
117.96	121.01	3.05	3.03	99	1.33	44	MS	FR		
121.01	124.05	3.04	3.07	101	1.20	39	M	FR		
124.05	127.10	3.05	2.87	94	0.44	14	MS	FR		
127.10	130.15	3.05	2.96	97	1.03	34	MS	FR		
130.15	133.20	3.05	3.00	98	1.28	42	MS	FR		
133.20	136.25	3.05	2.94	96	0.92	30	MS	FR		
136.25	139.29	3.04	3.10	102	1.10	36	S	FR		
139.29	142.34	3.05	2.96	97	0.35	11	MS	FR		
142.34	145.39	3.05	3.07	101	1.56	51	MS	FR		
145.39	148.44	3.05	3.00	98	1.77	58	S	FR		
148.44	151.49	3.05	3.01	99	1.76	58	MS	FR		
151.49	154.50	3.01	2.89	96	1.73	57	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.50	157.58	3.08	3.06	99	1.60	52	MS	FR		
157.58	160.63	3.05	2.92	96	1.80	59	MS	FR		
160.63	163.68	3.05	2.92	96	1.06	35	MS	FR		
163.68	166.73	3.05	2.85	93	1.40	46		FR		
166.73	169.77	3.04	3.14	103	1.76	58		FR		
169.77	172.82	3.05	3.15	103	1.57	51		FR		
172.82	175.87	3.05	3.06	100	1.88	62		FR		
175.87	178.92	3.05	3.11	102	1.47	48		FR		
178.92	181.97	3.05	2.90	95	1.01	33		FR		
181.97	185.01	3.04	3.08	101	0.76	25		FR		
185.01	188.06	3.05	3.06	100	1.80	59		FR		
188.06	191.11	3.05	2.94	96	1.29	42		FR		
191.11	194.16	3.05	2.98	98	2.04	67		FR		
194.16	197.21	3.05	3.01	99	2.34	77		FR		
197.21	200.25	3.04	3.32	109	2.01	66		FR		
200.25	203.30	3.05	3.00	98	1.69	55		FR		
203.30	206.35	3.05	3.09	101	1.90	62		FR		
206.35	209.40	3.05	3.02	99	1.12	37		FR		
209.40	212.45	3.05	3.12	102	0.63	21		FR		
212.45	215.49	3.04	2.98	98	1.26	41		FR		
215.49	218.54	3.05	2.99	98	1.79	59		FR		
218.54	221.59	3.05	3.15	103	1.05	34		FR		
221.59	224.64	3.05	3.11	102	2.18	71		FR		
224.64	227.69	3.05	3.06	93	1.05	34		FR		
227.69	230.73	3.04	2.84	112	0.99	33		FR		
230.73	233.78	3.05	3.40	123	3.26	107		FR		
233.78	236.83	3.05	3.76	100	2.46	81		FR		
236.83	239.88	3.05	3.05	101	1.28	42		FR		
239.88	242.93	3.05	3.08	103	1.33	44		FR		
242.93	245.97	3.04	3.14	100	2.04	67		FR		
245.97	249.02	3.05	3.05	0	2.03	67		FR		EOH @ 249.02

SAMPLE LOG

HOLE: KL-11-36

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
7.84	9.55	1.71	1.81	106	K269890	1					
9.55	11.84	2.29	2.17	95	K269891	1					
11.84	12.87	1.03	1.06	103	K269892	1					
12.87	14.94	2.07	2.09	101	K269893	1					
14.94	16.31	1.37	1.36	99	K269894	1					
16.31	18.96	2.65	2.64	100	K269895	1					
18.96	20.00	1.04	1.05	101	K269896	1					
20.00	21.03	1.03	1.07	104	K269897	1					
					K269898	1					Blank
21.03	22.00	0.97	1.00	103	K269899	1					
22.00	23.96	1.96	2.04	104	K269900	1					
23.96	26.23	2.27	2.19	96	K269901	1					
26.23	29.00	2.77	2.80	101	K269902	1					
29.00	31.00	2.00	1.96	98	K269903	1					
					K269904	1					Standard CDN-ME-16
31.00	32.75	1.75	1.83	105	K269905	1					
32.75	34.00	1.25	1.23	98	K269906	1					
34.00	35.90	1.90	1.78	94	K269907	1					
35.90	38.00	2.10	2.13	101	K269908	1					
38.00	40.00	2.00	2.00	100	K269909	1					
40.00	41.86	1.86	1.94	104	K269910	1					
					K269911	1					Standard CDN-ME-16
41.86	42.97	1.11	1.12	101	K269912	1					
42.97	45.67	2.70	2.70	100	K269913	1					
45.67	47.07	1.40	1.38	99	K269914	1					
					K269915	1					Blank
47.07	48.33	1.26	1.26	100	K269916	1					
48.33	49.65	1.32	1.32	100	K269917	1					
49.65	50.91	1.26	1.23	98	K269918	1					
50.91	53.36	2.45	2.45	100	K269919	1					
53.36	56.00	2.64	2.74	104	K269920	1					
56.00	58.26	2.26	2.26	100	K269921	1					
58.26	59.42	1.16	1.20	103	K269922	1					
					K269923	1					Duplicate
59.42	60.42	1.00	1.03	103	K269924	1					
60.42	61.55	1.13	1.13	100	K269925	1					
61.55	62.46	0.91	0.89	98	K269926	2					
62.46	63.89	1.43	1.45	101	K269927	2					
63.89	65.34	1.45	1.46	101	K269928	2					
65.34	67.34	2.00	2.02	101	K269929	2					
67.34	69.89	2.55	2.56	100	K269930	2					
69.89	70.88	0.99	1.01	102	K269931	2					
					K269932	2					Blank
70.88	72.11	1.23	1.18	96	K269933	2					
72.11	73.00	0.89	0.90	101	K269934	2					
73.00	74.15	1.15	1.13	98	K269935	2					
					K269936	2					Blank
74.15	75.22	1.07	1.03	96	K269937	2					
75.22	76.36	1.14	1.12	98	K269938	2					
76.36	77.90	1.54	1.53	99	K269939	2					
77.90	78.82	0.92	0.90	98	K269940	2					
78.82	81.47	2.65	2.72	103	K269941	2					
81.47	84.00	2.53	2.57	102	K269942	2					
					K269943	2					Standard PL-2
84.00	86.21	2.21	2.18	99	K269944	2					
86.21	87.48	1.27	1.29	102	K269945	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
87.48	89.60	2.12	2.10	99	K269946	2					
89.60	91.96	2.36	2.32	98	K269947	2					
91.96	94.04	2.08	2.06	99	K269948	2					
94.04	95.45	1.41	1.42	101	K269949	2					
95.45	98.00	2.55	2.52	99	K269950	2					
98.00	100.78	2.78	2.84	102	K269951	2					
					K269952	2					Duplicate
100.78	103.00	2.22	1.78	80	K269953	2					
103.00	105.00	2.00	1.96	98	K269954	2					
					K269955	2					Standard CDN-ME-16
105.00	106.16	1.16	1.17	101	K269956	2					
106.16	107.16	1.00	1.03	103	K269957	2					
107.16	109.46	2.30	2.28	99	K269958	2					
109.46	110.76	1.30	1.32	102	K269959	2					
110.76	113.00	2.24	2.27	101	K269960	2					
113.00	116.00	3.00	2.96	99	K269961	2					
116.00	118.50	2.50	2.54	102	K269962	3					
118.50	120.42	1.92	1.94	101	K269963	3					
120.42	123.20	2.78	2.70	97	K269964	3					
123.20	125.00	1.80	1.83	102	K269965	3					
125.00	128.00	3.00	2.95	98	K269966	3					
128.00	131.00	3.00	3.02	101	K269967	3					
					K269968	3					Standard PL-2
131.00	132.87	1.87	1.83	98	K269969	3					
132.87	133.48	0.61	0.60	98	K269970	3					
133.48	136.00	2.52	2.44	97	K269971	3					
136.00	138.00	2.00	2.02	101	K269972	3					
					K269973	3					Blank
138.00	140.00	2.00	2.06	103	K269974	3					
140.00	141.00	1.00	1.02	102	K269975	3					
141.00	142.00	1.00	1.00	100	K269976	3					
142.00	143.00	1.00	1.03	103	K269977	3					
143.00	145.00	2.00	2.01	101	K269978	3					
145.00	146.81	1.81	1.77	98	K269979	3					
146.81	148.01	1.20	1.22	102	K269980	3					
					K269981	3					Blank
148.01	150.18	2.17	2.14	99	K269982	3					
150.18	151.12	0.94	0.94	100	K269983	3					
151.12	152.55	1.43	1.32	92	K269984	3					
152.55	153.37	0.82	0.82	100	K269985	3					
153.37	155.76	2.39	2.24	94	K269986	3					
					K269987	3					Standard CDN-ME-16
155.76	157.71	1.95	2.06	106	K269988	3					
157.71	160.31	2.60	2.50	96	K269989	3					
160.31	161.52	1.21	1.18	98	K269990	3					
					K269991	3					Duplicate
161.52	162.52	1.00	1.00	100	K269992	3					
162.52	164.46	1.94	1.68	87	K269993	3					
164.46	166.41	1.95	2.05	105	K269994	3					
166.41	169.00	2.59	2.56	99	K269995	3					
169.00	170.05	1.05	1.11	106	K269996	3					
170.05	171.38	1.33	1.36	102	K269997	3					
171.38	174.00	2.62	2.71	103	K269998	4					
174.00	176.02	2.02	2.03	100	K269999	4					
176.02	179.00	2.98	3.08	103	K270000	4					
					K863151	4					Standard PL-2
179.00	180.41	1.41	1.26	89	K863152	4					
180.41	182.67	2.26	2.31	102	K863153	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
182.67	183.97	1.30	1.21	93	K863154	4					
183.97	186.53	2.56	2.53	99	K863155	4					
186.53	188.29	1.76	1.77	101	K863156	4					
188.29	190.00	1.71	1.61	94	K863157	4					
					K863158	4					Blank
190.00	192.32	2.32	2.37	102	K863159	4					
192.32	194.60	2.28	2.33	102	K863160	4					
194.60	196.70	2.10	2.13	101	K863161	4					
196.70	198.00	1.30	1.32	102	K863162	4					
					K863163	4					Blank
198.00	200.27	2.27	2.40	106	K863164	4					
200.27	201.96	1.69	1.58	93	K863165	4					
201.96	203.94	1.98	2.00	101	K863166	4					
203.94	206.00	2.06	2.11	102	K863167	4					
					K863168	4					Standard CDN-ME-16
206.00	209.00	3.00	3.00	100	K863169	4					
209.00	212.00	3.00	3.04	101	K863170	4					
212.00	214.18	2.18	2.22	102	K863171	4					
214.18	216.00	1.82	1.83	101	K863172	4					
216.00	217.61	1.61	1.60	99	K863173	4					
217.61	219.00	1.39	1.41	101	K863174	4					
219.00	221.51	2.51	2.53	101	K863175	4					
221.51	223.67	2.16	2.17	100	K863176	4					
223.67	225.05	1.38	1.38	100	K863177	4					
225.05	228.00	2.95	2.94	100	K863178	4					
228.00	230.00	2.00	1.80	90	K863179	4					
230.00	231.57	1.57	1.55	99	K863180	4					
					K863181	4					Duplicate
231.57	233.94	2.37	2.48	105	K863182	4					
233.94	237.00	3.06	3.04	99	K863183	4					
237.00	239.88	2.88	3.07	107	K863184	5					
239.88	242.71	2.83	2.86	101	K863185	5					
					K863186	5					Standard CDN-ME-16
242.71	245.00	2.29	2.38	104	K863187	5					
245.00	247.00	2.00	2.05	103	K863188	5					
247.00	249.00	2.00	2.03	102	K863189	5					EOH

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-36

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Over-burden
2.00				Over-burden
3.00				Over-burden
4.00			1.712	
5.00			0.338	
6.00			0.602	
7.00			14.22	
8.00			0.46	
9.00			6.455	
10.00			0.313	
11.00			0.885	
12.00			0.458	
13.00			0.509	
14.00			1.053	
15.00			2.681	
16.00			14.34	
17.00			0.489	
18.00			0.953	
19.00			0.964	
20.00			0.318	
21.00			0.442	
22.00			0.928	
23.00			1.039	
24.00			0.295	
25.00			0.34	
26.00			0.307	
27.00			0.294	
28.00			0.229	
29.00			0.243	
30.00			0.244	
31.00			0.257	
32.00			0.224	
33.00			0.223	
34.00			0.417	
35.00			0.266	
36.00			0.305	
37.00			0.338	
38.00			0.22	
39.00			0.238	
40.00			0.246	
41.00			0.217	
42.00			0.348	
43.00			0.451	
44.00			1.365	
45.00			0.928	
46.00			0.201	
47.00			0.199	
48.00			0.428	
49.00			0.388	
50.00			3.982	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.332	
52.00			0.313	
53.00			0.399	
54.00			0.394	
55.00			0.411	
56.00			0.466	
57.00			0.585	
58.00			0.489	
59.00			0.403	
60.00			0.431	
61.00			0.529	
62.00			0.255	
63.00			0.282	
64.00			0.249	
65.00			3.97	
66.00			0.375	
67.00			1.017	
68.00			6.865	
69.00			0.535	
70.00			18.63	
71.00			0.435	
72.00			0.286	
73.00			0.351	
74.00			0.391	
75.00			0.26	
76.00			0.279	
77.00			18.23	
78.00			22.43	
79.00			0.968	
80.00			5.819	
81.00			0.245	
82.00			3.549	
83.00			2.752	
84.00			6.91	
85.00			2.382	
86.00			2.473	
87.00			0.313	
88.00			9.61	
89.00			10.83	
90.00			23.51	
91.00			4.459	
92.00			11.02	
93.00			0.253	
94.00			0.274	
95.00			0.525	
96.00			23.03	
97.00			23.37	
98.00			26.29	
99.00			15.4	
100.00			27.84	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			19.27	
102.00			1.241	
103.00			9.957	
104.00			24.16	
105.00			21.03	
106.00			27.55	
107.00			5.294	
108.00			5.903	
109.00			18.15	
110.00			25.5	
111.00			18.25	
112.00			2.678	
113.00			15.41	
114.00			16.98	
115.00			19.02	
116.00			13.24	
117.00			27.84	
118.00			24.6	
119.00			0.585	
120.00			0.534	
121.00			3.416	
122.00			0.525	
123.00			10.78	
124.00			0.358	
125.00			0.533	
126.00			0.239	
127.00			0.558	
128.00			0.348	
129.00			0.647	
130.00			0.587	
131.00			0.263	
132.00			0.566	
133.00			0.944	
134.00			0.367	
135.00			0.512	
136.00			0.488	
137.00			0.214	
138.00			0.815	
139.00			0.358	
140.00			0.265	
141.00			0.392	
142.00			0.486	
143.00			0.258	
144.00			0.334	
145.00			0.32	
146.00			0.358	
147.00			0.537	
148.00			0.304	
149.00			7.106	
150.00			0.339	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.283	
152.00			0.428	
153.00			0.685	
154.00			1.564	
155.00			0.376	
156.00			7.738	
157.00			13.33	
158.00			12.12	
159.00			0.619	
160.00			0.397	
161.00			13.87	
162.00			1.957	
163.00			4.421	
164.00			10.52	
165.00			0.342	
166.00			0.578	
167.00			0.401	
168.00			0.955	
169.00			0.532	
170.00			0.377	
171.00			0.427	
172.00			0.602	
173.00			0.337	
174.00			0.519	
175.00			0.32	
176.00			0.313	
177.00			0.575	
178.00			0.655	
179.00			0.571	
180.00			0.2955	
181.00			0.743	
182.00			1.148	
183.00			6.394	
184.00			0.661	
185.00			0.373	
186.00			0.508	
187.00			0.516	
188.00			0.633	
189.00			2.7	
190.00			0.332	
191.00			0.373	
192.00			0.945	
193.00			2.586	
194.00			6.581	
195.00			0.567	
196.00			0.735	
197.00			0.551	
198.00			0.391	
199.00			12.12	
200.00			0.736	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			7.594	
202.00			6.402	
203.00			1.072	
204.00			4.304	
205.00			2.712	
206.00			21.51	
207.00			8.014	
208.00			7.334	
209.00			29.05	
210.00			25.95	
211.00			29.98	
212.00			26.63	
213.00			25.36	
214.00			26.97	
215.00			0.934	
216.00			16.55	
217.00			29.79	
218.00			0.716	
219.00			0.749	
220.00			0.638	
221.00			0.709	
222.00			23.14	
223.00			14.39	
224.00			12.11	
225.00			1.88	
226.00			5.147	
227.00			0.803	
228.00			25.94	
229.00			26.2	
230.00			25.17	
231.00			21.69	
232.00			0.557	
233.00			0.525	
234.00			0.734	
235.00			26.67	
236.00			28.13	
237.00			24.44	
238.00			7.447	
239.00			3.552	
240.00			5.979	
241.00			7.439	
242.00			6.267	
243.00			6.957	
244.00			5.328	
245.00			13.08	
246.00			11.46	
247.00			21.51	
248.00			22.17	
249.00			19.37	EOH @ 249.02

BOX LOG

HOLE: KL-11-36

BOX	FROM (m)	TO (m)
1	0.00	7.64
2	7.64	11.74
3	11.74	15.89
4	15.89	20.17
5	20.17	23.83
6	23.83	28.04
7	28.04	32.05
8	32.05	36.35
9	36.35	40.41
10	40.41	44.61
11	44.61	48.62
12	48.62	52.65
13	52.65	56.39
14	56.39	60.42
15	60.42	64.71
16	64.71	68.64
17	68.64	72.60
18	72.60	76.90
19	76.90	80.62
20	80.62	84.43
21	84.43	88.17
22	88.17	92.06
23	92.06	96.03
24	96.03	99.67
25	99.67	103.76
26	103.76	107.06
27	107.06	111.00
28	111.00	115.30
29	115.30	119.15
30	119.15	124.35
31	124.35	127.10
32	127.10	131.19
33	131.19	135.52
34	135.52	139.39
35	139.39	143.32

BOX	FROM (m)	TO (m)
36	143.42	147.43
37	147.43	151.73
38	151.73	156.02
39	156.02	160.13
40	160.13	164.18
41	164.18	168.43
42	168.43	172.36
43	172.36	176.25
44	176.25	180.08
45	180.08	184.20
46	184.20	188.29
47	188.29	192.32
48	192.32	196.46
49	196.46	200.11
50	200.11	204.37
51	204.37	208.44
52	208.44	212.55
53	212.55	216.70
54	216.70	220.84
55	220.84	225.02
56	225.02	229.57
57	229.57	233.25
58	233.25	237.57
59	237.57	241.56
60	241.56	245.77
61	245.77	249.02
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			381758.53	6890090	1300.06	149.35

SECTION:

HOLE: KL-11-37

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (EOH)

Casing depth: 2.13 (m) in / **out**

Drilling dates: July 06 - 08, 2011

Geology logged by: E. Flavelle

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.13	2.13	CAS	Casing: No recovery.
2.13	39.17	37.04	GRD	Heavily oxidized GRD, limonite/goethite/manganese
				staining, minor patchy argillic/phyllic alteration.
39.17	59.34	20.17	GRD	Less oxidized, some highly clay+ argillic altered GRD
59.34	74.98	15.64	VN	Phyllic envl. Containing frequent qtz vns hosting
				significant mineralization including py, as, gn, sp.
74.98	81.95	6.97	GRD/FT	Phyllic alt. GRD and faults containing clasts of GRD.
81.95	82.83	0.88	VN	Large qtz vein hosting massive py, as, cp, sp.
82.83	88.95	6.12	FEL	Quartz-feldspar porphyry dyke.
88.95	95.93	6.98	VN	Phyllic envl. Containing mineralized veins.
95.93	100.22	4.29	GRD	Phyllic/argillic altered, minor potassic overprinting.
100.22	149.35	49.13	GRD	Patchy propylitic/phyllic altered granodiorite, with som
				isolated unaltered GRD. No major mineralization.

SAMPLES

Numbers: K272911 - K272950, K972501 - K972513

Total: 68

Batch: DDH-37 B1 - B2

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-37

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	2.13																										Casing: no recovery
2.13	4.95					GRD	GYOR					m												lim	m		Granodiorite. Relatively fresh and unaltered Moderately limonite stained on fracture surfaces.
4.95	27.94					GRD	OR		t	w		s	ARG	t	st			3						lim	m		Highly limonite stained, oxidized granodiorite. Minor manganese staining. Minor argillic/phyllic alteration in some areas. Very minor stringers.
																								mang	w		
			6.27	6.42		VN									vn	?	15	1									Irregular, shallow quartz vein. No significant mineralization.
			10.17	10.99		VN/GRD	BKOR	VU							vn	?	15	1									Vuggy quartz veining, highly oxidized/limonite stained accompanied by goethite/manganese stained granodiorite.
			12.78	15.17		GRD	BLOR		wm						st			5									More highly phyllic altered granodiorite with limonite stained stringers.
			19.64	20.16		GRD	GYOR			ms			ARG	m										lim	wm		Moderate-strong clay altered granodiorite, some limonite staining present.
			25.90	26.00		GRD							POT	m										hem	wm		Moderately potassic altered granodiorite with weak hematite.
27.94	35.95					GRD	GYOR					m												lim	m		Granodiorite. Relatively fresh and unaltered Moderately limonite stained on fracture surfaces.
			34.15			VN	WH								vn	35	2	2									Calcite vein. No significant mineralization
			34.20			VN	GYBK								vn	60	1	2	wm								Grey quartz vein hosting black sulphides - disseminated and fine-grained.
35.95	66.20					GRD	ORWH						ARG	w										lim	s		Highly limonite stained, mildly argillic altered granodiorite. Minor potassic overprinting. No significant veining or mineralization.
													POT	tw										mang	w		
			37.46	37.80		VN/GRD	WHPU								vn	35	5	1						mang	s		White quartz vein followed by a band of heavily manganese stained granodiorite. No significant mineralization.
						BN									bn	35	10	1									
			38.81	38.96		GRD	BKOR																	goe	s		Heavily goethite stained granodiorite, limonite staining on fracture surfaces.
			39.17	45.96		GRD	GY			s														lim	wm		Grey, crumbly, highly clay altered granodiorite. Minor potassic overprinting in some areas. Weak-moderate limonite staining in fractures. No significant mineralization.
			45.96	51.02		GRD	GYOR			wm			ARG	m													Weak-moderate clay altered granodiorite. Moderate argillic alteration. Limonite staining on fracture surfaces. No significant veining or mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			59.34	60.71		GRD	BLGY		m	w					vn	?	10	1	w	w	w	t	w					Phyllic altered granodiorite hosting disseminated pyrite and small stringers, also containing on large white quartz vein hosting disseminated galena, arsenopyrite and trace sphalerite. Weakly clay altered around vein.
			64.65			VN									vn	55	2	1	wm	wm	t	wm						White quartz vein hosting blebby sphalerite, pervasive pyrite and trace arsenopyrite.
			66.14			VN									vn	?	5	1	w	w	t		w					White quartz vein hosting disseminated pyrite and galena, trace arsenopyrite.
66.20	73.07					GRD	WH			w			ARG	ms														Argillic altered granodiorite, limonite staining at fractures. Weakly clay altered, crumbly at some fractures, competent over the rest of the interval. Very minor quartz-carbonate stringers.
73.07	82.83					GRD	GN	EN	ms																			Phyllic altered envelope containing multiple vein zones - dark coloured patches, mineralized quartz veins, clay altered fault zones, minor quartz-feldspar porphyry dyke.
			73.41			VN									vn													White-clear quartz vein hosting massive pyrite
			73.51			VN									vn													White-clear quartz vein hosting disseminated pyrite.
			73.96			VN									vn													White-clear quartz vein hosting blebby and disseminated pyrite.
			74.98			FLT	DKGY			s					ft	60	15	1										Fault. Phyllic altered clasts up to 1cm.
			77.68			FLT	DKGY			s					ft	45	25	1										Fault. Phyllic altered clasts up to 0.5cm.
			81.95			VN									vn	60	20	2	s	s	s	tw		Cp	ms			Grey-white quartz vein hosting massive pyrite, arsenopyrite, blebby chalcopyrite, very minor sphalerite.
			82.15	82.83		VN									vn	60	45	2	ms	ms		m		Cp	w			Grey-white quartz vein hosting blebby-massive pyrite, chalcopyrite, sphalerite.
82.83	88.95					FEL	GNGY	PO							dk	50												Green-grey quartz-feldspar porphyry dyke containing dark grey stringers and quartz clasts <= 0.5cm.
			84.90	85.89		FEL	PKRD	PO							dk	60												Pink-red quartz-feldspar porphyry dyke containing white quartz stringers.
			85.90	88.95		FEL/GC	GY	PO																				Highly clay altered quartz-feldspar porphyry dyke.
88.95	89.68					FEL	GN	PO							C	70												Quartz-feldspar porphyry dyke with minor breccia and sharp contact with highly mineralized zone.
89.68	90.15					VN									vn	70			s	s	s		m	Cp	w			Grey quartz hosting massive pyrite, arsenopyrite, pervasive galena and blebby chalcopyrite.
90.15	95.93					GRD	GN	EN	m																			Phyllic envelope containing quartz-carbonate stringers, minor isolated hematite staining, some disseminated pyrite radiating away from vein zones.
			94.58	95.05		VN									vn	60	30	1										Grey quartz vein hosting massive pyrite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
85.93	100.22					GRD	GNWH			w																	Phyllic/argillic altered granodiorite with minor potassic overprinting, weak clay alteration, minor quartz-carbonate stringers.
100.22	101.52					GRD	DKGN						PRO	s													Dark propylitic altered granodiorite with minor quartz carbonate stringers.
101.52						GRD	GN		s																		Phyllic altered granodiorite, quartz-carbonate stringers, no significant mineralization.
			105.25	106.90		GRD	DKGN						PRO	s													Patchy propylitic altered section, no significant mineralization.
109.59	138.40					GRD	DKGN			w			PRO	ms													Dark propylitic altered granodiorite, minor quartz carbonate stringers, mostly competent but some minor clay altered crumbly sections.
			117.40	119.65		GRD	WH			m			ARG	ms													Argillic altered granodiorite, some minor potassic overprinting and minor grey stringers, minor limonite staining. Slightly crumbly.
			123.25	124.23		GRD	GN		ms				ARG	w													Phyllic altered section with minor argillic alteration, quartz stringers and veinlets. No significant mineralization.
			126.01	126.15		GRD	GN		ms				ARG	w													Phyllic altered section with minor argillic alteration, quartz stringers and veinlets. No significant mineralization.
			126.29	127.44		GRD	GN		ms				ARG	w													Phyllic altered section with minor argillic alteration, quartz stringers and veinlets. No significant mineralization.
			128.92	131.65		GRD	GN		ms				ARG	t										hem	w		Phyllic altered section with minor argillic alteration, quartz stringers and veinlets. No significant mineralization. Isolated hematite staining.
			133.88	134.53		GRD	GN		ms				ARG	wm													Phyllic altered section with minor argillic alteration, quartz stringers and veinlets. No significant mineralization.
			136.00	136.56		GRD	WHPK			wm			ARG	ms													Argillic altered granodiorite, slightly crumbly, with isolated patches of hematite staining.
			137.35	138.40		GRD	GN		m						vn	75	1	2		t	t						Phyllic altered granodiorite containing two white quartz veins with dark selvages hosting trace disseminated pyrite.
													vn		vn	75	2	2		t	t						
138.40	149.35					GRD	GNGY						PRO	w													Very weakly propylitic altered granodiorite, decreasing in alteration towards End Of Hole. Localized patches of unaltered granodiorite. Very minor white quartz stringers and veinlets. No significant mineralization.
																											End of Hole @ 149.35m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-37

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
	2.13	2.13		0		0	MS	N/A		CASING
2.13	5.18	3.05	2.39	78	0.64	21	S	HW		
5.18	8.23	3.05	2.82	92	1.01	33	MS	HW		
8.23	11.27	3.04	3.03	100	1.50	49	S	HW		
11.27	14.33	3.06	2.98	97	1.75	57	VS	MW		
14.33	17.37	3.04	2.84	93	1.25	41	S	MW		
17.37	20.42	3.05	3.01	99	1.44	47	S	HW		
20.42	23.47	3.05	2.49	82	0.82	27	MS	MW		
23.47	26.52	3.05	2.50	82	1.26	41	MS	HW		
26.52	29.56	3.04	2.92	96	1.07	35	S	HW		
29.56	32.61	3.05	2.93	96	1.43	47	MS	SW		
32.61	35.66	3.05	2.76	90	0.78	26	S	MW		
35.66	38.71	3.05	2.70	89	1.03	34	MS	HW		
38.71	41.75	3.04	2.57	85	0.00	0	W	HW		
41.75	44.81	3.06	2.82	92	0.65	21		HW		
44.81	47.85	3.04	2.95	97	0.33	11	S	HW		
47.85	50.90	3.05	3.07	101	1.44	47	MS	MW		
50.90	53.95	3.05	2.72	89	0.26	9	S	HW		
53.95	56.99	3.04	2.68	88	0.93	31	MS	HW		
56.99	60.04	3.05	3.05	100	0.10	3	VS	MW		
60.04	63.09	3.05	2.82	92	0.26	9	MS	HW		
63.09	66.14	3.05	3.06	100	0.59	19	M	MW		
66.14	69.19	3.05	3.02	99	0.40	13	M	MW		
69.19	72.24	3.05	3.04	100	1.04	34	M	SW		
72.24	75.29	3.05	3.00	98	3.03	99	M	SW		
75.29	78.33	3.04	3.00	99	0.40	13	M	SW		
78.33	81.38	3.05	3.10	102	1.22	40	M	FR		
81.38	84.43	3.05	3.00	98	0.45	15	M	FR		
84.43	87.48	3.05	3.07	101	0.00	0	M	FR		
87.48	90.53	3.05	2.97	97	1.06	35	S	FR		
90.53	93.57	3.04	3.02	99	1.30	43	S	FR		
93.57	96.62	3.05	3.05	100	1.69	55	VS	FR		
96.62	99.67	3.05	3.04	100	1.36	45	MS	FR		
99.67	102.72	3.05	3.11	102	1.14	37	MS	FR		
102.72	105.77	3.05	3.06	100	0.96	31	MS	FR		
105.77	108.81	3.04	3.15	104	1.58	52	MS	FR		
108.81	111.86	3.05	3.04	100	1.40	46	S	FR		
111.86	114.91	3.05	3.05	100	1.06	35	S	SW		
114.91	117.96	3.05	3.09	101	0.81	27	S	SW		
117.96	121.01	3.05	3.08	101	0.99	32	MS	FR		
121.01	124.05	3.04	3.15	104	1.66	55	MS	FR		
124.05	127.10	3.05	3.48	114	0.80	26	MS	FR		
127.10	130.15	3.05	3.55	116	1.77	58	MS	FR		
130.15	133.20	3.05	3.15	103	2.05	67	MS	FR		
133.20	136.25	3.05	3.10	102	1.45	48	MS	FR		
136.25	139.29	3.04	3.01	99	0.99	33	MS	FR		
139.29	142.34	3.05	3.05	100	2.40	79	MS	FR		
142.34	145.39	3.05	3.06	100	1.29	42	MS	FR		
145.39	148.44	3.05	3.10	102	1.50	49	MS	FR		
148.44	149.35	0.91	1.15	126	0.83	91	MS	FR		EOH @ 149.35

SAMPLE LOG

HOLE: KL-11-37

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00	0.00		no sample						
0.00	4.95	4.95	2.58	52	K272911	1					
4.95	8.79	3.84	3.69	96	K272912	1					
8.79	12.78	3.99	3.84	96	K272913	1					
12.78	15.17	2.39	2.32	97	K272914	1					
					K272915						STANDARD: CDN-ME-16
15.17	18.77	3.60	3.31	92	K272916	1					
18.77	21.54	2.77	2.77	100	K272917	1					
21.54	25.25	3.71	3.05	82	K272918	1					
25.25	27.94	2.69	2.42	90	K272919	1					
27.94	31.79	3.85	3.91	102	K272920	1					
31.79	33.69	1.90	1.99	105	K272921	1					
33.69	34.75	1.06	1.06	100	K272922	1					
					K272923						BLANK
34.75	37.47	2.72	2.60	96	K272924	1					
37.47	38.57	1.10	0.92	84	K272925	1					
					K272926						BLANK
38.57	41.75	3.18	2.86	90	K272927	1					
41.75	43.85	2.10	2.11	100	K272928	1					
43.85	47.58	3.73	3.69	99	K272929	1					
47.58	51.43	3.85	3.96	103	K272930	1					
51.43	54.89	3.46	3.37	97	K272931	1					
54.89	57.42	2.53	2.22	88	K272932	1					
57.42	59.30	1.88	2.02	107	K272933	1					
59.30	61.41	2.11	2.03	96	K272934	1					
61.41	64.58	3.17	3.12	98	K272935	1					
64.58	66.72	2.14	2.28	107	K272936	1					
					K272937						STANDARD: CDN-ME-16
66.72	68.68	1.96	1.90	97	K272938	1					
68.68	70.68	2.00	1.94	97	K272939	1					
					K272940						DUPLICATE
70.68	73.07	2.39	2.40	100	K272941	1					
73.07	74.20	1.13	1.13	100	K272942	1					
74.20	76.86	2.66	2.59	97	K272943	1					
76.86	78.25	1.39	1.35	97	K272944	1					
78.25	80.08	1.83	1.81	99	K272945	1					
80.08	81.13	1.05	1.10	105	K272946	1					
81.13	82.83	1.70	1.70	100	K272947	2					
					K272948						BLANK
82.83	84.90	2.07	2.05	99	K272949	2					
84.90	86.69	1.79	1.63	91	K272950	2					
86.69	88.95	2.26	2.20	97	K972501	2					
88.95	90.17	1.22	1.18	97	K972502	2					
90.17	91.83	1.66	1.49	90	K972503	2					
91.83	94.68	2.85	2.75	96	K972504	2					
94.68	95.93	1.25	1.24	99	K972505	2					
					K972506						BLANK
95.93	98.19	2.26	2.32	103	K972507	2					
98.19	101.53	3.34	3.36	101	K972508	2					
101.53	103.5	1.97	2.10	107	K972509	2					
103.50	105.26	1.76	1.84	105	K972510	2					
105.26	106.90	1.64	1.61	98	K972511	2					
106.90	109.59	2.69	2.68	100	K972512	2					
109.59	113.44	3.85	3.86	100	K972513	2					
113.44	117.20	3.76	3.83	102	K972514	2					
117.20	119.62	2.42	2.40	99	K972515	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K972516						STANDARD: CDN-ME-16
119.62	123.18	3.56	3.59	101	K972517	2					
123.18	126.01	2.83	2.80	99	K972518	2					
126.01	128.92	2.91	2.94	101	K972519	2					
128.92	131.61	2.69	2.72	101	K972520	2					
131.61	134.61	3.00	2.97	99	K972521	2					
					K972522						STANDARD: CDN-ME-16
134.61	137.38	2.77	2.82	102	K972523	2					
137.38	138.49	1.11	1.05	95	K972524	2					
138.49	142.49	4.00	3.97	99	K972525	2					
					K972526						DUPLICATE
142.49	146.49	4.00	3.92	98	K972527	2					
146.49	149.35	2.86	3.05	107	K972528	2					
											END OF HOLE @ 149.35m

DENSITY LOG

Hole: **KL-11-37**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												2000.3	1193.2	2kg standard		2.48
66.54	GRD									9.82	4.207	336.9	68.7	unaltered GRD	2.47	1.26
104	GRD	EN	PHYL	m						9.781	4.204	351.9	98.7	Phyllic altered envelope	2.59	1.39
														End of Hole @ 149.35		

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-37

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Over burden
2.00				Over burden
3.00			15.19	
4.00			14.4	
5.00			10.63	
6.00			0.426	
7.00			0.923	
8.00			3.117	
9.00			5.275	
10.00			7.483	
11.00			0.13	
12.00			0.09	
13.00			0.343	
14.00			0.385	
15.00			0.606	
16.00			0.296	
17.00			4.817	
18.00			7.553	
19.00			3.773	
20.00			0.226	
21.00			0.113	
22.00			13.51	
23.00			12.84	
24.00			13.08	
25.00			0.506	
26.00			0.488	
27.00			0.931	
28.00			0.734	
29.00			15.25	
30.00			16.02	
31.00			17.52	
32.00			1.077	
33.00			12.25	
34.00			15.97	
35.00			7.149	
36.00			11.99	
37.00			10.82	
38.00			0.337	
39.00			2.691	
40.00			0.445	
41.00			10.44	
42.00			0.323	
43.00			0.338	
44.00			0.406	
45.00			7.156	
46.00			6.139	
47.00			0.237	
48.00			0.243	
49.00			2.104	
50.00			0.468	
51.00			0.399	
52.00			5.281	
53.00			20.29	
54.00			14.45	
55.00			10.29	
56.00			0.357	
57.00			0.2	
58.00			2.572	
59.00			0.638	
60.00			0.221	
61.00			0.238	
62.00			0.346	
63.00			0.305	
64.00			0.312	
65.00			3.548	
66.00			13.12	
67.00			5.278	
68.00			0.327	
69.00			0.376	
70.00			0.401	
71.00			1.433	
72.00			0.292	
73.00			0.245	
74.00			0.174	
75.00			0.41	
76.00			0.295	
77.00			0.273	
78.00			0.154	
79.00			0.281	
80.00			0.361	
81.00			0.314	
82.00			0.185	
83.00			0.448	
84.00			0.241	
85.00			0.27	
86.00			0.247	
87.00			0.41	
88.00			0.187	
89.00			0.174	
90.00			0.137	
91.00			0.231	
92.00			0.259	
93.00			0.405	
94.00			0.286	
95.00			0.043	
96.00			0.533	
97.00			0.581	
98.00			0.437	
99.00			1.042	
100.00			0.681	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.38	
102.00			0.296	
103.00			0.599	
104.00			0.309	
105.00			0.327	
106.00			0.378	
107.00			4.76	
108.00			0.373	
109.00			0.275	
110.00			9.53	
111.00			2.607	
112.00			10.62	
113.00			11.67	
114.00			13.95	
115.00			15.92	
116.00			14.59	
117.00			13.57	
118.00			0.355	
119.00			0.33	
120.00			2.214	
121.00			17.62	
122.00			16.37	
123.00			6.054	
124.00			0.393	
125.00			6.034	
126.00			0.949	
127.00			0.312	
128.00			0.952	
129.00			8.553	
130.00			0.198	
131.00			0.391	
132.00			1.431	
133.00			11.88	
134.00			6.986	
135.00			12.19	
136.00			3.864	
137.00			9.399	
138.00			0.679	
139.00			8.567	
140.00			16.39	
141.00			16.67	
142.00			18.09	
143.00			8.874	
144.00			11.85	
145.00			5.393	
146.00			0.734	
147.00			7.123	
148.00			12.35	
149.00			2.499	
150.00			EOH @ 149.35 m	

BOX LOG

HOLE: KL-11-37

BOX	FROM (m)	TO (m)
1	0.00	7.97
2	7.97	13.36
3	13.36	19.15
4	19.15	25.25
5	25.25	30.96
6	30.96	36.35
7	36.35	42.04
8	42.04	47.58
9	47.58	53.51
10	53.51	59.30
11	59.30	65.00
12	65.00	70.68
13	70.68	76.36
14	76.36	81.91
15	81.91	87.48
16	87.48	93.26
17	93.26	98.98
18	98.98	104.38
19	104.38	109.82
20	109.82	115.28
21	115.28	120.22
22	120.22	125.39
23	125.39	129.59
24	129.59	134.87
25	134.87	140.51
26	140.51	149.35
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382913.06	6890211.9	1357.3	192.33

ZONE:

SECTION:

HOLE: KL-11-38

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (192.33 m / EOH)

Casing depth: 7.15 (m) in / **out**

Drilling dates: July 14 - 16, 2011

Geology logged by: X. Montague (& Nikki Marsh 0-50m)

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.15	7.15	CAS/OVB	Casing and overburden
7.15	69.70	62.55	GRD	Patchy alteration, majority phyllic altered GRD
69.70	74.57	4.87	FEL	Highly fractured, moderate clay altered FEL PO
74.57	74.90	0.33	GRD	Strong, phyllic altered GRD with diss Py
74.90	74.97	0.33	FEL	Fractured, strong clay altered FEL PO
74.97	75.10	0.07	GRD	Top 3 cm black breccia
75.10	75.35	0.25	FEL	Clay altered FEL PO
75.35	169.00	93.65	GRD	Weak propylitic altered GRD with Py veinlets and
				alteration patches around mineralized Qz veins
169.00	169.36	0.36	APL	Potassic altered Aplite dyke
169.36	192.33	22.97	GRD	Propylitic altered GRD with patches of phyllic around
				veining
192.33				EOH

SAMPLES

Numbers: K270379 - K270465

Total: 87

Batch: DDH-38 B1 - B3

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-38

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	7.15					CAS																					Overburden? And casing; no recovery
7.15	69.70					GRD	LTGR	MG				ms															Mod to strong pervasive oxidation of majority phyllic (light green) altered GRD with patches of argillic and propylitic alteration. Description of alterations below:
							OR																				
			7.15	22.82		GRD	LTGR	MG	m			ms	pro	w	FX	0-90	<1	10+									Light green, medium grained, weak to moderate phyllic altered granodiorite. Weathers to orange-brown limonite oxidation in fractures and pervasively. Infrequent carbonate veinlets. Go? And He? In fractures?
							OR								VT	6	<1	3						Cb			
			22.82	23.35		GRD	WHO	MG				w	arg	m	VT	70	<1	3		t				Qz/Cb			white/green medium grained, moderate argillic altered granodiorite-limonite oxidation in fractures/pervasively. Quartz/carbonate veinlets hosting trace pyrite.
			23.35	25.11		GRD	LTGR	MG	m			wm			VT	0-30	<1	3						?			Light green, medium grained, weakly phyllic altered granodiorite. Dark-grey/blue, fine grained veinlets hosting pervasive pyrite
								DI												t							
			25.11	27.13		GRD	MDGI	MG				w	pro	w	VT	60-90	<1	4						Qz/Cb			Medium grey-green, medium grained weakly propylitic altered granodiorite. Quartz carbonate veinlets. Weak limonite-oxidation in fractures
							GY																	Se	t		
			27.13	27.46		GRD	WHO	MG					arg	m	VT	40-90	<1	3						Cb/Qz			White-green medium grained moderately argillic altered granodiorite with carbonate-quartz veinlets
			27.46	29.82		GRD	MDGV	MG				wm	pro	w	VT	65-75	<1	3		t				Cb/Qz			Medium grained, med green grey weak propylitic altered granodiorite. Cb/Qz veinlets and dark grey/blue fine grained veinlet. Trace pyrite. White/grey quartz veining (massive) with no mineralization
							OR								VT	60-90	<1	4						?			
			28.74	28.76		VEN	WHG	MA							VN	<15	2	1						Qz			Grey blue fine grained veinlet. Trace pyrite. White grey quartz veining -massive with no mineralization

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			29.82	31.48		GRD	LTGR	MG	m			wm								t				To	w		Light green, medium grained, phyllic altered granodiorite hosting trace pyrite and To. Dark grey fine grained veinlets hosting pervasive pyrite and quartz carbonate veinlets
															VT	50	<1	2		40				?			
								NT							VT	45-80	<1	5						Cb/Qz			
			31.48	33.62		GRD	MDGI	MG				w	pro	w	VT	45	<1	3						?			Medium green grey, medium grained weakly propylitic altered granodiorite. Carbonate Quartz veinlets and dark grey veinlets (fine grained). Weak limonite oxidation in fractures. Rounded xenoliths 3x1.5cm.
							GY								vt	45-80	<1	2						QzCb			
			33.48	39.43		GRD	LTGR	MG	m			w								tw							Light green, medium grained phyllic altered granodiorite hosting trace/weak pyrite with localized blebs of Py, weak limonite oxidation in fractures. Quartz carbonate veinlets, semi-vuggy quartz veinle at 34.91. 13 cm long fine grained and phyllic altered xenolith. Frequent fractures.
								NT							VT	60-90	<1	6						QzCb			
			39.43	45.51		GRD	MDG`	MG				w	pro	w	VT	45-70	<1	2						QzCb			Medium grey/green, medium grained propylitic granodiorite. Weak limonite and oxidation in fractures. QzCb veinlets and dark grey fine grained veinlets.
							GR								VT	45-70	<1	2									
			43.89	44.03		FLT	GY	SH				w			FT	<10											Sheared fault with minor oxidation
			45.51	46.25		GRD	WHPI	MG				w	arg	m													White-pink, medium grained, argillic altered granodiorite
			46.25	47.15		GRD	LTGR	MG	m			w															Light green moderately phyllic altered granodiorite Lightly fractured
			47.15	49.62		GRD	WHG	MG					arg	m													White green moderate argillic altered, medium grained granodiorite. Fractured to crumbly
			49.62	58.52		GRD	LTGR	MG	wm			w								t							Frequent fractured, light green weak phyllic alt GRD with oxidation in fractures. Trace pyrite near veinlets Infrequent Qz veinlets, milky and translucent
															FX	0.-90	<1	5									
															VT	65	<1	<1									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			58.52	62.37		FLT	LTGY	CR							FT	?	300			w							Strongly crumbled, faulted phyllic altered GRD with relic sulphide/Py bearing veins
						GRD	GR																				
			62.37	69.70		GRD	LTGR	EN	m											wf							Light green phyllic altered GRD hosting w-f pervasive diss Py, mineralized veins and fault described below. Interval contains frequent orange/white milky Qz and grey/white translucent Qz veinlets
								DI							VT	0-75	<1	5						QzCb			
			63.42	63.45		VEN	ORG\	BN							VN	90				t							Banded orange/white Ch and smoky Qz and grey/white Qz vein hosting trace diss Py
			62.72	63.75		VEN	GYM	BN							VN	90				f	w	w	f				Grey/white translucent Qz vein with a smoky Qz and orange/white Ch VT in filled with Ch up hole. Grey/white translucent Qz hosts diss Py, As, Gn, and honey brown Sp
								DI																			
			64.95	65.20		FLT	GYGF	CR	w						FT	?				t							Faulted phyllic altered GRD
			65.81	66.17		VEN	GYDK	BN							VN	60				f	w	w	f				Banded, massive smoky Qz dominated vein with lenses/blebs of white/grey translucent Qz and orange-stained- white chalcedony. Vein hosts diss Py, Gn, Sp and As
								MA																			
			66.37	67.12		FLT	LTGR	CR							FT	~50											Crumbled, faulted phyllic alt GRD
							GY																				
			68.35	69.70		FLT	LTGR	CR							FT	?											Crumbled, faulted phyllic alt GRD with 3 mineralized veins
							GY																				
			68.57	68.67		VEN	DKG\	BN							VN	80				f	w	w	f				Dark grey, faulted, smoky Qz vein host diss sulphides
			68.81	68.90		VEN	DKG\	BX							VN	80				m							Dark grey breccia hosting pyrite
			69.31	69.36		VEN	WHM	BL					Ser	m	VN	45				l				Se			White/grey translucent Qz hosting blebs of Py and sericite alteration immediate adjacent
69.70	74.57					FEL	BG	PO		m					FX	0-90	<1	20+									Strongly fractured FEL PO
			69.70	71.63		FLT	BG	CR		s					FT	?											Crumbled, faulted FEL PO

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
74.57	74.90					GRD	GR	MG	s											t							Strong phyllic altered GRD with diss Py
								CR																			
74.90	74.97					FEL	BG	FR		m																	Fractured, clay altered FEL PC
74.97	75.00					BXA	BK	BX							DK	70			n								Black breccia at contact @70˚, no visible mineralization, sub angular clasts of altered GRD and FEL PO. 1mm-2cm
75.00	75.10					GRD	LTGR	MG	m						C	70				f							Light green, mod phyllic altered GRD hosting blebs of Py
								BL																			
75.10	75.35					FEL	BG	PO		m																	Sheared, mod clay altered FEL PC
								SH																			
75.35	75.60					C	GYMI	CR		m										w							Mod clay altered, crumbled and possibly faulted GRD/FEL contact hosting 1-3% diss Py
								FT?																			
75.60	169.00					GRD	GRG	MG					pro	wm						w							Dark green patches of alteration of GRD with diss Py close to Py veinlets
			75.60	76.96		GRD	LTGR	EN	s											t							Strong phyllic altered GRD hosting 2 large mineralized veins:
			75.71	75.83		VEN	MT	BN							VN	90	12			20	10	35	f	Cp	30		Massive bands of sulphides, Py and blackjack Sp dominated. Cp found with Py, Iridescent tarnish on Cp in fractures. Sulphides exist as massive crystalline.
								MA																			
			76.02	76.23		VEN	MT	BN							VN	90	21			20	f	50	ms	Cp	25		Massive bands of sulphides, Py and blackjack Sp dominated. Cp found with Py, Iridescent tarnish on Cp in fractures. Sulphides exist as massive crystalline.
								MA																			
			76.51	76.53		VEN	ORM	BN							VN	85				ms							Banded orange/white Ch and dominated grey/white transl. Qz hosting Py stringers
			76.96	81.40		GRD	GRG	MG					pro	w													
							DK								VT	0.-45		6						Cb			Weak propylitic altered GRD with shallow Cb VT's 6/m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			80.44	80.51		VEN	RDG	MA							VN	20				t				He	ms		Massive grey translucent Qz stained by hematite? Immediate adjacent is almost doppled with very netted GRD. Diss Py in fractures.
			81.40	84.80		GRD	GRLT	EN	ms																		Mod-strong phyllic envelope around Py stringers, large mineralized vein. Interval is frequently 10/m crosscut by Cb and Qz filled fractures <1mm that commonly run 70-90° tca and often host Py
			83.73	83.90		VEN	MT	MA							VN	90	17			20	t	25	15	Cp	35		Massive, banded sulphides. Cp>Py. Sulphides existed as massive and blebby
								BN																			
			84.80	86.65		GRD	DKGF	MG					pro	m						t							Dark green mod propylitic altered GRD with trace Py close to VT's
			86.65	89.27		GRD	LTGR	EN	wm						VT	5-90		5		w							Weak mod phyllic altered GRD enveloping Qz veins/brxx: veinlets of grey/white translucent Qz hosting Py
			87.40	87.50		BXA	GY	BX							DK	80				w							Brecciated GRD with smoky Qz matrix. Diss Py in matrix
			88.32	88.36		VEN	GYGF	BN							VN	80			n								Banded grey/white Qz and orange/white Ch veinlet
			88.76	88.79		VEN	WHO	BN							VN	90			n								White/orange -stained?- translucent Qz
			89.27	90.40		GRD	DKGF	FR					pro	m	VT	15								Cb			Fractured, mod propylitic altered GRD with a shallow white Cb veinlet with He in fractures
																								He			
			90.40	92.35		GRD	LTPI	MG					pro	s	VT	15		2									Strong propylitic, pistachio green GRD crosscut by shallow Ch veinlets-orange/white in colour
							GR																				
			90.97	91.05		FLT	LTPI	SH							FT	85											Sheared fault
							GRBK																				
			92.35	96.95		GRD	DKGF	MG					pro	m	VT	5-90	<1										Mod propylitic altered GRD crosscut by Qz/Cb veinlets with minor 1-2 cm alteration envelopes
							GY																				
			96.95	97.57		GRD	LTWH	MG					arg	m													Mod argillic altered GRD
							DK																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			97.57	108.17		GRD	LTGR	MG	wm						FX	0-90	<1	15+		tw							Frequent fractured weak to moderate phyllic altered GRD. Pervasive diss Py in most of the interval. Faults common: noted in subintervals. Grey/white Qz veinlets hosting Py and Sp infrequent veins described below:
															VT	5-90	<1	4		t		t		Qz/Cb			
			98.37	100.00		FLT	LTGR	CR		s					FT	~70											Crumbled, strong clay altered faulted GRD, mineralized veinlets appear as fine grained grey material
			103.00	103.69		VEN	GYM	BN			s				VN	90				20		ms	f				Smoky Qz dominated vein, also grey/white translucent Qz vein hosting 3 mineralized 5-10cm veins within. Brecciated components: 15cm breccia with a smoky Qz & Py matrix with sub angular clasts of altered GRD, 2mm-2cm
							DK																				
			106.30	106.71		FLT	GYGR	CR		m																	Moderate clay altered completely crumbled, faulted GRD
			108.17	110.40		GRD	GYGR	FR					pro	wm	FX	5-90	<1	15+		t							Highly fractured propylitic altered GRD. Minor Py blebs exist in some fractures
								MG																			
			110.40	112.77		GRD	LTGR	FR	wm											t							Weak to mod phyllic altered GRD, rich in grey/white Qz existing as crystalline blebs and veinlets. Trace Py, existing as blebs and diss. Close to grey/white Qz veinlets
								MG																			
			118.18	111.22		VEN	MDG	XT							VN	90				t							Grey/white Qz vein with white Qz with slight sheared texture up hole. Trace diss PY
								SH																			
			112.77	113.01		GRD	WHG	MG					arg	m													Mod argillic altered GRD, Cb flooded montmorillonite?
			113.01	114.00		GRD	GRG	MG					pro	wm													Weak-mod propylitic altered GRD strongly fractured
							DK																				
			114.00	115.56		GRD	WH	MG					arg	m													Mod argillic altered GRD, Cb flooded
			115.56	116.52		GRD	GRLT	EN	wm											tw							Weak mod phyllic altered GRD enveloping a white, translucent Qz vein:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			116.02	116.06		FLT	GY	CR		s					FT	90				w							Crumbled, clay altered, faulted GRD with Py cubes pervasively
			116.23	116.29		VEN	WHM	BL							VN	50				20		15					white/grey translucent Qz vein hosting blebs of Py and blackjack Sp
			116.52	116.77		GRD	WH	MG					arg	m													Mod argillic alt GRD. Cb floodec
			116.77	120.00		GRD	GRG	MG					pro	w	VT	5-30	<1	3						Cb			Weak propylitic altered GRD crosscut by shallow Cb veinlets and steep chalcedony veinelts
															VT	75	<1	3						Qz			
			120.00	120.69		GRD	WH	MG					arg	m													Mod argillic altered GRD. Cb floodec
			120.69	128.48		GRD	LTGR	EN	wm																		Light yellow/green weak-mod phyllic altered GRD with Py stringers and pervasive diss Py especially close to veinlets and are composed of grey/white translucent Qz, yellow/orange minor vuggy Ch.
								MG																			
			121.43	121.46		VEN	WHM	BL							VN	90				10		15	T				White/grey translucent Qz vein hosting blebs of honey brown Sp, Py, and trace Gn
			122.61	122.65		VEN	GY	BN							VN	90				t							Banded smoky Qz, white Qz, orange stained Ch vein hosting trace diss Py
			127.93	127.97		VEN	SIMT	BL							VN	88				ms	20	10	w				Grey/white translucent Qz hosting blebs of fine grained crystalline As, honey brown Sp, Py and Gn
								XT																			
			128.17	128.19		VEN	MT	BN							VN	90				25		25					Grey/white Qz vein hosting bands of Py and honey brown Sp
			128.48	136.85		GRD	GYGR	MG					pro	w	VT	20-40		3						Cb			Medium grained, green/grey weak propylitic altered GRD cross cut by shallow Cb veinlets and steep off white Ch veinlets
															vt	70		3						Ch			
			136.85	139.49		GRD	LTBG	MG	w						VT	85	<1	3		t							Weak phyllic altered GRD, colour is beige/green, contains veins described below. Py stringers 3/m in interval
							GR																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			137.10	137.14		VEN	GY	BX							VN	85				t							Medium grey brecciated grey Qz breccia with 1mm-3mm sub angular clasts of orange-stained Ch/GRD? Breccia vein is rimmed by orange stained-white Ch
			137.54	137.57		VEN	GY	FT							VN	80				t							Grey/white translucent Qz faulted vein. Trace Py
			138.68	138.72		VEN	WH	BN							VN	90											Banded white translucent Qz dominated vein with a band of orange/white Ch stringers and a separate Py stringers
								BL																			
			138.73	138.75		VEN	GY	MA							VN	55											Dark grey, translucent Qz, slightly brecciated vein with trace Py
								BX																			
			138.75	138.90		FLT	BGPK	CR							FT	60											Beige, crumbled, faulted GRD
			139.38	139.39		VEN	GY	BL																			Grey/white translucent Qz and white /orange Ch veinlets hosting blebs of Py
								BN																			
			139.49	141.95		GRD	GRGY	MG					pro	wm													Weak-mod prop altered GRD
							DK																				
			139.69	169.70		VEN	PIGR	FG							VN	15								Ep	100		Pistachio green, epidote veir
			139.78	139.79		VEN	PIGR	FG							VN	15								Ep	100		Pistachio green, epidote veir
			141.95	147.46		GRD	BGGR	PA	w						VT	30-90		3		t				Qz/Ch			Weak phyllic, beige/green altered GRD crosscut by white and colourless Qz and orange/white Ch. Py stringers around Qz/Ch veinlets
								EN																			
			147.46	150.40		GRD	GRMI	MG					pro	m													Moderate propylitic altered GRD
							DK																				
			150.40	152.95		GRD	BG	MG	w?				arg	wm													Beige w-m argillic altered GRD possible weak phyllic alteration.
			152.95	158.20		GRD	GRW	PA	5				pro	50													Patches of moderate argillic altered GRD, propylitic and phyllic around veins.
													arg	35													
			155.25	155.27		VEN	WH	MA							VN	30	2							Cb			Massive calcite vein enveloped by sheared 3mm GRD

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			158.20	162.00		GRD	MDGI	MG	w											tw							Medium green phyllic altered GRD with tw pervasive diss Py. Veins described below:
			159.14	159.22		VEN	GYM	BN							VN	70				5	15	f	f				Banded grey/white Qz hosting bands of fine grained crystalline As, blebs of Py, honey brown Sp and Gn
			159.29	159.31		VEN	SI	DI							VN	70				w	60		t				Predominantly fine grained crystalline As with minor blebs of Py, and Gn
			159.42	159.43		VEN	GYW	BL							VN	40				w							Grey/white translucent Qz vein with 1-3% blebs of Py
			159.63	159.65		VEN	MT	BN							VN	80				25	w	30					Grey/white translucent Qz vein hosting bands of honey brown Sp, Py, and As (minor)
			160.70	160.73		VEN	WH								VN	80				15							White/grey translucent Qz hosting blebs of Py
			162.00	169.00		GRD	GRG	MG					pro	wm	VN	5-80	1	1						Cb			Weak-mod propylitic altered GRD cross cut by Cb veinlets
169.00	169.36					APL	PK	FG					pot	m	DK	80?											Pink, mod potassic altered GRD, aplite dyke
169.36	192.33					GRD	GRG	PA					pro	m	VT	30		3						Cb			Patchy alteration of GRD, majority dark green propylitic alteration with shallow Cb veinlets
			174.82	179.93		GRD	GRLT	MG	w?				arg	wm						t							Light green argillic/phyllic? Altered GRD with minor blebs of Py
			184.17	184.58		GRD	LTGR	EN	wm											t							Weak-mod phyllic, light green GRD enveloping a vein:
			184.35	184.37		VEN	GYW	BN							VN	80				10							Banded grey/white Qz vein with a smoky Qz veinlet and Py veinlet
			187.07	187.97		GRD	MDGI	EN	w											t							Weak phyllic envelope around a vein
			187.46	187.47		VEN	WHBI	BL							VN	20				50							White, translucent Qz vein with blebby Py
192.33		EOH																									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-38

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	8.23	8.23	0.91	11	0.00	0	W	HW		
8.23	11.28	3.05	2.88	94	0.35	11	MS	MW		
11.28	14.33	3.05	2.95	97	0.29	10	MS	MW		
14.33	17.37	3.04	2.71	89	0.13	4	MS	MW		
17.37	20.42	3.05	3.02	99	0.00	0	MS	MW		
20.42	23.47	3.05	2.98	98	1.24	41	S	SW		
23.47	26.52	3.05	3.10	102	1.65	54	S	SW		
26.52	29.57	3.05	3.00	98	0.47	15	VS	SW		
29.57	32.61	3.04	3.00	99	0.71	23	MS	SW		
32.61	35.66	3.05	2.97	97	0.30	10	VS	SW		
35.66	38.71	3.05	2.94	96	0.53	17	S	MW		
38.71	41.76	3.05	3.00	98	0.29	10	MS	SW		
41.76	44.81	3.05	2.98	98	0.87	29	S	SW		
44.81	47.85	3.04	3.00	99	0.84	28	MS	SW		
47.85	50.90	3.05	3.00	98	0.00	0	S	SW		
50.90	53.95	3.05	3.15	103	0.38	12	VS	SW		
53.95	56.99	3.04	3.00	99	0.24	8	MS	SW		
56.99	60.04	3.05	2.64	87	0.00	0	W	FR		
60.04	63.09	3.05	2.92	96	0.00	0	W	FR		
63.09	66.14	3.05	3.00	98	0.11	4	MW	FR		
66.14	69.19	3.05	2.88	94	0.12	4	W	FR		
69.19	72.23	3.04	3.02	99	0.00	0	MS	FR		
72.23	75.29	3.06	3.13	102	0.00	0	MS	FR		
75.29	78.33	3.04	3.10	102	0.60	20	MS	FR		
78.33	81.38	3.05	2.95	97	0.49	16	MS	FR		
81.38	84.43	3.05	3.12	102	0.74	24	VS	FR		
84.43	87.48	3.05	3.00	98	2.68	88	S	FR		
87.48	90.53	3.05	3.13	103	0.84	28	MS	FR		
90.53	93.57	3.04	3.10	102	0.60	20	S	FR		
93.57	96.62	3.05	2.99	98	0.71	23	MS	FR		
96.62	99.67	3.05	3.00	98	0.79	26	S	FR		
99.67	102.71	3.04	2.92	96	0.16	5	MS	FR		
102.71	105.76	3.05	3.08	101	0.51	17	S	FR		
105.76	108.81	3.05	2.85	93	0.25	8	MS	FR		
108.81	111.86	3.05	2.90	95	0.31	10	S	FR		
111.86	114.91	3.05	3.00	98	0.67	22	MS	FR		
114.91	117.96	3.05	3.20	105	0.49	16	MS	FR		
117.96	121.00	3.04	3.10	102	0.50	16	MS	FR		
121.00	124.05	3.05	2.98	98	1.75	57	MS	FR		
124.05	127.10	3.05	3.05	100	0.60	20	MS	FR		
127.10	130.15	3.05	3.10	102	1.41	46	MS	FR		
130.15	133.20	3.05	3.00	98	1.09	36	MS	FR		
133.20	136.24	3.04	3.15	104	0.13	4	MS	FR		
136.24	139.29	3.05	3.14	103	1.69	55	MS	FR		
139.29	142.34	3.05	2.95	97	1.29	42	S	FR		
142.34	145.39	3.05	2.98	98	1.10	36	MS	FR		
145.39	148.44	3.05	3.05	100	1.14	37	S	FR		
148.44	151.49	3.05	2.90	95	0.85	28	S	FR		
151.49	154.53	3.04	2.55	84	1.07	35	MS	FR		
154.53	157.58	3.05	3.08	101	0.37	12	VS	FR		
157.58	160.63	3.05	3.13	103	0.99	32	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	3.05	100	0.68	22	MS	FR		
163.68	166.73	3.05	2.99	98	0.72	24	S	FR		
166.73	169.77	3.04	3.05	100	0.44	14	MS	FR		
169.77	172.82	3.05	2.98	98	0.84	28	S	FR		
172.82	175.87	3.05	3.12	102	1.55	51	MS	FR		
175.87	178.92	3.05	3.02	99	1.69	55	S	FR		
178.92	181.97	3.05	2.96	97	1.64	54	MS	FR		
181.97	185.01	3.04	2.95	97	0.95	31	MS	FR		
185.01	188.06	3.05	3.34	110	1.04	34	MS	FR		
188.06	191.11	3.05	2.97	97	1.26	41	S	FR		
191.11	192.33	1.22	1.35	111	0.00	0	MS	FR		
										EOH @ 192.33m

SAMPLE LOG

HOLE: KL-11-38

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	7.15	7.15		0							no sample
7.15	8.91	1.76	1.82	103	K270379	1					
8.91	11.28	2.37	2.04	86	K270380	1					
11.28	14.33	3.05	2.96	97	K270381	1					
14.33	17.37	3.04	2.88	95	K270382	1					
17.37	20.42	3.05	3.07	101	K270383	1					
20.42	23.47	3.05	3.03	99	K270384	1					
					K270385	1					STD ME 16
23.47	26.52	3.05	3.11	102	K270386	1					
26.52	29.57	3.05	3.08	101	K270387	1					
29.57	32.61	3.04	3.10	102	K270388	1					
32.61	35.66	3.05	3.04	100	K270389	1					
35.66	38.71	3.05	2.94	96	K270390	1					
					K270391	1					BLANK
38.71	41.76	3.05	3.03	99	K270392	1					
41.76	44.81	3.05	3.04	100	K270393	1					
44.81	47.85	3.04	3.00	99	K270394	1					
47.85	50.90	3.05	3.05	100	K270395	1					
50.90	53.95	3.05	3.05	100	K270396	1					
					K270397	1					STD PL 2
53.95	56.99	3.04	2.90	95	K270398	1					
56.99	58.30	1.31	1.25	95	K270399	1					
58.30	60.39	2.09	1.96	94	K270400	1					
60.39	62.68	2.29	2.24	98	K270401	1					
62.68	64.82	2.14	2.12	99	K270402	1					
64.82	66.80	1.98	1.95	98	K270403	1					
					K270404	1					BLANK
66.80	69.70	2.90	2.88	99	K270405	1					
69.70	71.64	1.94	1.94	100	K270406	1					
71.64	74.56	2.92	2.85	98	K270407	1					
74.56	75.38	0.82	0.89	109	K270408	1					
75.38	76.62	1.24	1.26	102	K270409	1					
76.62	79.25	2.63	2.67	102	K270410	1					
79.25	81.50	2.25	2.14	95	K270411	1					
					K270412	1					DUPLICATE
81.50	83.22	1.72	1.75	102	K270413	1					
83.22	84.22	1.00	1.00	100	K270414	1					
84.22	86.65	2.43	2.35	97	K270415	2					
86.65	89.27	2.62	2.66	102	K270416	2					
89.27	90.36	1.09	1.09	100	K270417	2					
90.36	92.34	1.98	1.96	99	K270418	2					
92.34	95.11	2.77	2.82	102	K270419	2					
					K270420	2					STD ME16
95.11	98.00	2.89	2.85	99	K270421	2					
98.00	100.00	2.00	1.80	90	K270422	2					
100.00	102.87	2.87	2.99	104	K270423	2					
102.87	104.19	1.32	1.29	98	K270424	2					
					K270425	2					BLANK
104.19	106.32	2.13	2.26	106	K270426	2					
106.32	108.17	1.85	1.76	95	K270427	2					
108.17	110.40	2.23	2.17	97	K270428	2					
110.40	113.30	2.90	2.78	96	K270429	2					
113.30	115.55	2.25	2.20	98	K270430	2					
					K270431	2					DUPLICATE
115.55	116.77	1.22	1.26	103	K270432	2					
116.77	119.00	2.23	2.23	100	K270433	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
119.00	121.30	2.30	2.36	103	K270434	2					
121.30	122.81	1.51	1.50	99	K270435	2					
					K270436	2					BLANK
122.81	124.90	2.09	2.02	97	K270437	2					
124.90	126.89	1.99	2.00	101	K270438	2					
126.89	128.48	1.59	1.62	102	K270439	2					
128.48	130.15	1.67	1.63	98	K270440	2					
130.15	133.20	3.05	2.99	98	K270441	2					
					K270442	2					STD ME16
133.20	136.24	3.04	3.05	100	K270443	2					
136.24	138.07	1.83	1.87	102	K270444	2					
138.07	139.48	1.41	1.49	106	K270445	2					
139.48	142.68	3.20	3.00	94	K270446	2					
142.68	145.66	2.98	2.91	98	K270447	2					
145.66	148.72	3.06	3.03	99	K270448	2					
148.72	151.63	2.91	2.75	95	K270449	2					
151.63	155.08	3.45	3.00	87	K270450	2					
155.08	158.19	3.11	3.05	98	K270451	3					
158.19	160.76	2.57	2.68	104	K270452	3					
160.76	163.68	2.92	2.91	100	K270453	3					
163.68	166.73	3.05	3.00	98	K270454	3					
166.73	169.79	3.06	3.20	105	K270455	3					
169.79	172.82	3.03	3.02	100	K270456	3					
					K270457	3					STD ME 16
172.82	175.87	3.05	3.14	103	K270458	3					
175.87	178.92	3.05	3.05	100	K270459	3					
178.92	181.97	3.05	2.97	97	K270460	3					
181.97	185.01	3.04	2.91	96	K270461	3					
					K270462	3					BLANK
185.01	187.71	2.70	3.04	113	K270463	3					
187.71	190.00	2.29	2.26	99	K270464	3					
190.00	192.33	2.33	2.48	106	K270465	3					
											EOH @ 192.33m

DENSITY LOG

Hole: **KL-11-38**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
53.7	GRD	MG	PHY	?						10	6.36	701.5	408.3	Phyllic ateration? No sulphides	2.21	2.39
88	GRD	MG	PHY	?						10.3	6.36	561.4	263.4	Phyllic ateration? No sulphides	1.72	1.88

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-38

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Over-burden
2.00				Over-burden
3.00				Over-burden
4.00				Over-burden
5.00				Over-burden
6.00				Over-burden
7.00			0.192	
8.00			0.149	
9.00			0.111	
10.00			0.176	
11.00			0.178	
12.00			0.258	
13.00			0.309	
14.00			0.261	
15.00			0.239	
16.00			0.195	
17.00			0.171	
18.00			0.203	
19.00			0.172	
20.00			0.228	
21.00			0.31	
22.00			0.186	
23.00			6.791	
24.00			0.405	
25.00			5.242	
26.00			17.15	
27.00			1.444	
28.00			16.94	
29.00			5.063	
30.00			0.297	
31.00			0.286	
32.00			12.57	
33.00			0.439	
34.00			0.376	
35.00			0.329	
36.00			4.777	
37.00			0.39	
38.00			0.147	
39.00			0.226	
40.00			1.845	
41.00			0.367	
42.00			33.78	
43.00			29.63	
44.00			24.13	
45.00			4.942	
46.00			3.416	
47.00			0.413	
48.00			1.067	
49.00			9.031	
50.00			0.568	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.981	
52.00			0.762	
53.00			0.338	
54.00			0.421	
55.00			0.627	
56.00			0.179	
57.00			0.323	
58.00			0.25	
59.00			0.283	
60.00			0.151	
61.00			0.18	
62.00			0.124	
63.00			0.283	
64.00			0.163	
65.00			0.171	
66.00			0.138	
67.00			0.26	
68.00			0.324	
69.00			0.144	
70.00			0.371	
71.00			0.224	
72.00			0.247	
73.00			0.193	
74.00			0.227	
75.00			0.275	
76.00			0.371	
77.00			8.422	
78.00			23.28	
79.00			28.44	
80.00			22.56	
81.00			6.875	
82.00			0.46	
83.00			0.624	
84.00			0.344	
85.00			0.812	
86.00			5.215	
87.00			0.334	
88.00			0.404	
89.00			1.142	
90.00			4.921	
91.00			0.22	
92.00			0.413	
93.00			23.24	
94.00			0.729	
95.00			8.974	
96.00			14.2	
97.00			0.862	
98.00			0.355	
99.00			0.187	
100.00			0.131	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.315	
102.00			0.386	
103.00			0.112	
104.00			0.13	
105.00			0.269	
106.00			0.405	
107.00			0.358	
108.00			3.651	
109.00			6.998	
110.00			20.35	
111.00			0.58	
112.00			0.37	
113.00			11.46	
114.00			18.71	
115.00			0.387	
116.00			0.482	
117.00			3.706	
118.00			8.91	
119.00			1.098	
120.00			1.025	
121.00			0.407	
122.00			0.395	
123.00			0.62	
124.00			0.36	
125.00			0.246	
126.00			0.128	
127.00			0.203	
128.00			0.11	
129.00			8.657	
130.00			7.498	
131.00			27.1	
132.00			4.303	
133.00			3.498	
134.00			0.35	
135.00			0.383	
136.00			0.355	
137.00			0.28	
138.00			0.301	
139.00			0.353	
140.00			1.015	
141.00			35.06	
142.00			23.84	
143.00			0.455	
144.00			0.342	
145.00			0.321	
146.00			0.357	
147.00			0.545	
148.00			4.922	
149.00			8.271	
150.00			1.436	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			1.445	
152.00			0.319	
153.00			0.69	
154.00			0.607	
155.00			0.987	
156.00			0.222	
157.00			1.171	
158.00			11.9	
159.00			0.341	
160.00			0.205	
161.00			0.356	
162.00			0.579	
163.00			17.39	
164.00			4.332	
165.00			1.859	
166.00			21.76	
167.00			0.482	
168.00			1.606	
169.00			8.383	
170.00			0.295	
171.00			3.331	
172.00			31.91	
173.00			22.76	
174.00			30.7	
175.00			0.594	
176.00			8.773	
177.00			0.459	
178.00			0.604	
179.00			0.329	
180.00			0.651	
181.00			17.2	
182.00			28.01	
183.00			20.07	
184.00			23.9	
185.00			0.814	
186.00			30.78	
187.00			35.77	
188.00			7.469	
189.00			48.89	
190.00			48.41	
191.00			9.113	
192.00			42.61	
				EOH @ 192.33m

BOX LOG

HOLE: KL-11-38

BOX	FROM (m)	TO (m)
1	0.00	9.65
2	9.65	13.49
3	13.49	17.20
4	17.20	20.42
5	20.42	24.51
6	24.51	28.50
7	28.50	32.42
8	32.42	35.94
9	35.94	39.74
10	39.74	43.47
11	43.47	47.65
12	47.65	51.24
13	51.24	54.89
14	54.89	58.50
15	58.50	62.87
16	62.87	66.37
17	66.37	70.50
18	70.50	74.90
19	74.90	78.82
20	78.82	82.60
21	82.60	86.63
22	86.63	90.53
23	90.53	94.50
24	94.50	98.57
25	98.57	102.30
26	102.30	105.91
27	105.91	109.20
28	109.20	112.72
29	112.72	116.77
30	116.77	120.59
31	120.59	124.81
32	124.81	128.63
33	128.63	32.69
34	32.69	136.24
35	136.24	140.37

BOX	FROM (m)	TO (m)
36	140.37	144.50
37	144.50	148.30
38	148.30	152.35
39	152.35	156.61
40	156.61	160.43
41	160.43	164.06
42	164.06	167.92
43	167.92	171.58
44	171.58	175.71
45	175.71	179.83
46	179.83	184.09
47	184.09	188.25
48	188.25	192.33
	EOH @ 192.33m	

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381619.46	6890195.1	1276.724	258.17

ZONE:

SECTION:

HOLE: KL-11-39

CLAIM:

Contractor: Elite Diamond Drilling

Drill:

Core size: BTW (258.17m / EOH)

Casing depth: 5.18 (m) in / **out**

Drilling dates: January 1, 1900

Geology logged by: E. Flavelle

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
258.17		-42	acid				

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.18		OVB	Overburden.
5.18	13.68		GRD	Highly fractured, some crumbly, unaltered. Limonite
				staining on fracture surfaces.
13.68	46.06		GRD	Weak phyllic alteration. Highly fractured, some crumb
				limonite flooded and highly oxidized.
46.06	151.29		GRD	Unaltered GRD, limonite staining on most fracture sur
				Some patchy phyllic, minor propylitic/argillic alteration
151.29	193.56		VN	BRX Zone. Phyllic envelope containing frequent
				mineralized quartz veins, minor quartz-feldspar
				porphyry dyke, many faults.
193.56	196.25		GRD	Unaltered GRD.
196.25	235.92		GRD	Phyllic envelope containing infrequent, weakly
				mineralized quartz-carbonate veins.
235.92	258.17		GRD	Patchy phyllic/propylitic alteration with isolated patche
				of unaltered GRD. Quartz-carbonate stringers/veinlets
				veins throughout hosting weak mineralization.
				EOH @ 258.17m

SAMPLES

Numbers: K972529 - K972635

Total: 107

Batch: DDH-39 B1 - B3

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-39

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	5.18					OVB																					Overburden.
5.18	13.68					GRD	GYOR																	lim	ms		GRD: unaltered, limonite stained on fracture surfaces. Highly fractured and sometimes crumbly. Some xenoliths up to 20cm.
13.68	46.06					GRD	OR		w			s												lim	s		GRD: highly fractured and limonite flooded, sometimes crumbly. Weakly phyllic altered but highly oxidized.
			24.65	25.84		GRD	BKOR					s												goe	s		Highly fractured and crumbly goethite stained GRD, highly oxidized.
			27.19	29.30		GRD	BKOR					s							wm				wm	goe	s		Highly fractured and crumbly goethite stained GRD, highly oxidized.
			31.24	32.15		GRD	WHPK					wm	ARG	w										lim	wm		Weakly argillic altered GRD, minor potassic overprinting, limonite staining.
			33.93	34.19		GRD	WHPK					wm	ARG	wm										lim	wm		Weakly argillic altered GRD, minor potassic overprinting, limonite staining. Crumbly.
			35.71	36.00		GRD	WHPK					wm	ARG	wm										lim	wm		Weakly argillic altered GRD, minor potassic overprinting, limonite staining. Slightly crumbly.
			37.34	38.41		GRD	WHBL		s			wm	ARG	w										lim	wm		Weakly argillic altered granodiorite containing one strong phyllic altered patch (5cm wide). Moderate limonite staining over interval.
			39.70	40.05		GRD	WHPK						ARG	wm										lim	w		Weak-moderate argillic altered GRD, very minor potassic overprinting, limonite staining throughout.
			42.98			VN									vn	65	1	1									White quartz-carbonate vein, no mineralization
			42.99	43.38		GRD	WHBL		w				ARG	m										lim	w		Moderately argillic altered with some weak phyllic alteration (5cm) at end of interval. Limonite staining only around phyllic altered GRD.
46.06	151.29					GRD	GY																	lim	wm		Unaltered GRD. Limonite staining on most fracture surfaces. Xenoliths 1 per metre up to15cm wide. Minor white quartz stringers. No significant mineralization.
			46.55			VN									vn	70	1	2									White-clear quartz vein, no significant mineralization.
			47.17	47.31		GRD	GNBL		m				PRO	m	vn	65	1	2									Moderately phyllic/propylitic altered GRD, containing one white quartz vein, no significant mineralization.
			51.03	51.42		GRD	GN	EN	ms						vn	55	1	2									Moderately-strong phyllic altered envelope containing two unmineralized white quartz-carb veins.
															vn	70	2	2									
			52.55			VN									vn	50	1	1									White quartz-carb vein, no significant mineralization.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			52.35	55.44		GRD	WHO	PA		m					vn	70	1	1						lim	ms		Patchy argillic/unaltered GRD, highly limonite stained throughout. Some highly clay altered patches. One minor irregular white-clear quartz-carb vein in middle of interval. No significant mineralization.
			56.01	56.81		GRD	ORWH			wm			ARG	w										lim	ms		Highly fractured, limonite stained, minor argillic altered GRD. Slightly clay altered and crumbly.
			57.73	58.20		GRD	OR						ARG	t													Highly fractured, limonite stained GRD. Very minor argillic alteration.
			58.38			VN									vn	55	1	1									Unmineralized white quartz vein
			60.14	61.25		GRD	GN		m																		Moderately phyllic altered GRD containing frequent dark grey stringers and milky-white quartz veinlets.
			61.39	61.95		GRD	WH		w				ARG	m										lim	ms		Patchy argillic/phyllic altered GRD. Slightly crumbly/clay altered. Heavily limonite flooded near top of interval.
			61.95	62.61		GRD	GN		m																		Moderately phyllic altered GRD containing frequent dark grey stringers and milky-white quartz veinlets.
			62.61	64.00		GRD	WHPK						ARG	m													Argillic altered GRD with weak-moderate potassic overprinting. Very minor carbonate stringers.
													POT	wm													Moderately phyllic altered GRD containing frequent dark grey stringers and milky-white quartz veinlets.
			64.00	64.64		GRD	GN		m																		
			64.64	65.84		GRD	WHPK						ARG	m													Argillic altered GRD with weak-moderate potassic overprinting. Very minor carbonate stringers.
													POT	wm													
			68.11	69.07		GRD	WHPK			w			ARG	m													Argillic altered GRD, potassic overprinting, minor clay altered crumbly sections. Some propylitic alteration near end of interval.
													POT	w													
													PRO	w													
			69.07			VN									vn	30	20	1	w	w				hem	w		White quartz-calcite vein hosting blebs of pyrite and isolated hematite staining.
			69.30	70.01		GRD	GN		m															lim	w		Phyllic altered GRD, milky-white quartz-carb stringers and limonite staining on some fracture surfaces.
			71.00	71.71		GRD	GN		m															lim	w		Phyllic altered GRD, milky-white quartz-carb stringers and limonite staining on some fracture surfaces.
			76.53	77.51		GRD	GNWH		w	w			ARG	w	vn	45	2	1	m	m							Patchy weakly phyllic/argillic altered GRD, mostly competent, some clay altered and crumbly. One grey quartz vein hosting pervasive pyrite in last 1/3 of interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			82.72	83.54		GRD	GBWH		w	w			ARG	w	vn	80	1	1	mw	mw	mw						Phyllic/argillic altered GRD. Mostly competent, some weakly clay altered crumbly argillic sections. One small grey-white quartz vein hosting pervasive pyrite, arsenopyrite and disseminated pyrite.
			85.40	85.65		GRD	GN		m																		Phyllic alteration, no significant veining or mineralization.
			86.63	89.39		GRD	WHPK		w				ARG	ms													Potassic overprinted argillic altered GRD. Minor phyllic section in middle of interval. Minor creamy quartz-carbonate stringers. No significant mineralization.
													POT	ms													
			90.93	91.08		GRD	GN	EN	w				PRO	w	vn	55	0.5	1	wm	wm							Phyllic/propylitic envelope containing one grey quartz veinlet hosting pervasive pyrite.
			96.09	96.53		GRD	GN	EN	m						vn	80	3	1	wm	wm				Cp	w		Phyllic envelope containing creamy-white quartz carbonate vein hosting minor disseminated pyrite and chalcopyrite.
			97.17	97.36		GRD	GN		m						vn	45	0.5	1									Phyllic altered zone containing one creamy quartz-carbonate veinlet. No significant mineralization.
			99.11	99.68		GRD	GNWH		m				ARG	w	vn	70	4	1									Argillic alteration encompassing a phyllic envelope containing one creamy quartz-carbonate vein hosting small blebs of pyrite and black stringers.
			99.99	100.15		GRD	GN		m																		Phyllic altered granodiorite. No significant mineralization
			105.06	105.37		GRD	GNW	PA	m	w			ARG	w													Crumbly argillic/phyllic patchy altered granodiorite. Minor irregular, clear quartz veinlet. No significant mineralization.
			105.77	106.50		GRD	GN		w																		Weakly phyllic altered GRD. No significant mineralization.
			107.77	107.99		GRD	GN		mw						vn	70	1.5	1									Phyllic envelope containing one creamy quartz carbonate vein. No significant mineralization.
			109.32	114.21		GRD	GN		m	w																	Phyllic envelope, mostly competent, some highly fractured/crumbly. Minor clay altered veinlets - infrequent. No significant mineralization.
			114.21	116.91		GRD	WHPI	PA	w				ARG	m													Patchy argillic altered GRD - potassic overprinting. Minor phyllic altered patches.
													POT	wm													
			116.91	119.98		GRD	GN	EN	ms						vn	85	2	1	w	w							Phyllic envelope containing quartz-carbonate stringers, veinlets and one vein hosting disseminated pyrite.
			119.98	120.29		GRD	WH						ARG	m													Argillic altered granodiorite with one white quartz veinlet. No significant mineralization.
			120.37	120.64		GRD	WH		m																		Phyllic interval containing very minor unmineralized quartz-carbonate veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			122.19	122.48		GRD	WH		w																		Very weakly phyllic altered GRD, isolated hematite staining. No significant veining or mineralization.
			123.77	124.16		GRD	GNWH		w				ARG	w	vn	30	1	1									Weakly patchy phyllic/crumbly argillic altered GRD. Minor clear quartz vein, no significant mineralization.
			125.08	131.31		GRD	GNW	PA																			Patchy argillic/phyllic GRD. Argillic has potassic overprinting. Phyllic contains quartz-carb veins/veinlets (white-clear or dark grey). No significant mineralization, some crumbly, fractured but mostly competent.
			132.10	135.71		GRD	WH						ARG	m					t	t							Argillic, potassic overprinting altered GRD. Some weakly phyllic patches. Minor quartz-carbonate veinlets hosting trace pyrite.
			136.58	142.36		GRD	GNW	PA																			Patchy argillic with potassic overprinting and phyllic alteration containing minor quartz-carbonate veinlets and stringers. Small highly clay altered fault @ 140.1m containing phyllic clasts.
			141.09	141.90		BXA	GN	VU							bx	50											Breccia zone, vuggy texture, quartz veins throughout. Dark matrix, dark stringers, carbonate stringers. Minor isolated potassic overprinting.
			142.83	143.03		GRD	GN		w																		Weakly phyllic zone. No significant veining or mineralization.
			144.85	146.19		GRD	GNW	PA	mw				ARG	mw													Patchy argillic/phyllic alteration. Potassic overprinting on argillic sections, creamy and white quartz veins/veinlets 3 per metre but no significant mineralization.
			149.40	149.51		GRD	GN		w																		Weakly phyllic envelope containing one quartz carbonate veinlet. No significant mineralization.
151.29	193.56					GRD	GN	EN	s															Se	t		Phyllic envelope, start of BRX zone. Frequent quartz carbonate stringers and veinlets. Disseminated pyrite near vein zones, radiating away. Veins described below. Trace sericite.
			151.67	152.49		VN									vn	80			s	s	ms	ms	m	Ak	m		Vein zone. White grey quartz hosting massive pyrite, arsenopyrite, pervasive sphalerite, blebby galena, minor hematite staining and isolated ankerite flooding. Black stringers.
			152.49	154.21		FEL	GNPU	PO							dk	45											Patchy green/purple quartz-feldspar porphyry dyke.
			154.21	155.25		C	GY								C	50											Contact. Highly clay altered and gaugy. Grey in colour.
			155.25	157.45		FLT									ft												Green-grey highly clay altered fault containing phyllic altered clasts.
			163.45												vn	85	1	1	wm	wm							Clear-grey quartz vein hosting pervasive pyrite
			164.76			MAF	BK	PO							dk	80	1.5	1									Mafic dyke, black.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			164.15			FLT									ft	65	5	1									Fault? Highly clay altered with small phyllic clasts.
			164.25			FLT									ft	65	1	1									Fault? Highly clay altered with small phyllic clasts.
			166.01			FLT									ft	90	1	1	w	w							Fault? Highly clay altered with small phyllic clasts and disseminated pyrite.
			166.21			VN									vn	60	1	1									Large creamy carbonate vein surrounded by highly clay altered gaugy fault. Phyllic clasts and disseminated pyrite.
						FLT									ft	60	10	1	w	w							
			166.73	167.42		GRD	GNBH	NE											w	w							Phyllic interval containing black netting (stringers), approaching breccia. Weak disseminated pyrite throughout.
			167.79			VN		VU							vn	90	5	1	tw	tw							Creamy-white quartz vein with vuggy texture hosting isolated blebs of pyrite.
			168.82			VN		VU							vn	80	2	1	m	m							Creamy quartz vein with massive tourmaline selvages. Arsenopyrite and pyrite bands to one side of vein hosted in grey quartz.
			169.07	172.57		FEL	RDPU	PO							dk	60											Patch red-brown/purple quartz-feldspar porphyry dyke with phenocrysts up to 1cm. Some parts of interval highly fractured.
			173.00			VN									vn	85	1	1	wm	wm							Grey quartz vein hosting isolated blebs of pyrite
			173.05	173.60		GRD	GN	EN	s				PRO	m					wm	wm							Phyllic/propylitic altered envelope containing several quartz-carbonate veinlets hosting disseminated pyrite throughout interval and isolated blebs.
			174.32	175.76		GRD	WHPK						ARG	ms													Argillic altered GRD, potassic overprinting. No significant mineralization.
													POT	w													
			178.18	181.64					w				ARG	s													Argillic GRD, some phyllic, potassic overprinting throughout. Irregular quartz veinlets near top of interval. No significant mineralization.
													POT	w													
			182.48	183.12		GRD	EN		ms						vn	20	3	1	w	w				Ak	w		Large, shallow, irregular clear-grey quartz vein hosting minor disseminated pyrite. Isolated staining of hematite, manganese and weak ankerite.
			190.49	190.97		FLT									ft	25	5	1									Highly clay altered/crumbly fault? Phyllic altered clasts, rest of interval weak phyllic altered GRD.
193.56	196.25					GRD	GY																				Unaltered GRD. One large xenolith (20cm) near end of interval. No significant mineralization.
196.25	235.92					GRD	GN	EN	ms	w									w	w							Phyllic envelope containing infrequent quartz carbonate vein/veinlets hosting weak mineralization. Competent rock, with some more clay altered/crumbly patches (1 per 3 metres). Any significantly mineralized zones noted below.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other													Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			199.39			VN									vn	10	1	1	m	m							Very shallow white quartz vein hosting pervasive pyrite.
			207.71	208.20		GRD	GN		m										wm	wm							Highly quartz flooded phyllic altered GRD hosting disseminated and blebs of pyrite.
			208.33			VN									vn	20	40	1									Very shallow dipping clear-white/green quartz vein hosting trace blebs of pyrite.
			209.99	209.40		VN?									vn?		20	1	t	t							Quartz flooded/irregular clear-white/green quartz veining hosting trace blebs and disseminated pyrite.
			215.96	216.18		VN									VN	35	15	1	w	w							Clear-white/green quartz vein hosting pervasive pyrite, especially in and around fracture.
			218.44			VN									VN	60	1	1									Grey-white quartz vein hosting weak disseminated galena and trace sphalerite.
			218.91	220.94		GRD	GYWH						ARG	w					t	t							Small argillic altered patch (10cm) followed by largely unaltered GRD. Weak hematite staining on one fracture surface, two quartz-carbonate stringers, one hosting trace pyrite.
			221.23	221.44		GRD	GY																				Unaltered GRD. No significant mineralization
			221.59	222.03		GRD	GY																				Unaltered GRD. No significant mineralization
			222.24	222.32		GRD	GYGN																				Unaltered GRD. No significant mineralization
			222.55			VN									vn	30	1	1	w	w	t?	t	w	hem	w		White-clear quartz vein hosting disseminated pyrite, possible arsenopyrite, disseminated galena, trace sphalerite. Hematite staining.
			227.59	229.33		GRD	GYGN		w																		Minor phyllic, more unaltered GRD. Quartz-carb stringers (5 per metre). No significant mineralization
			231.55	231.69		GRD	GY			s					vn	70	20	1									Highly clay altered "gougy" vein
235.92	258.17					GRD	GNG\	PA	s				PRO	wm					t	t							Patchy propylitic, weakly phyllic alteration with isolated patches of unaltered GRD and trace argillic alteration. Quartz stringers and veinlets throughout. Hosting trace disseminated pyrite.
			244.23			VN									vn	?	1-2	1	w	w	t?		w				Creamy-white quartz-carbonate vein hosting black mineralized stringers, disseminated galena and pyrite, possible arsenopyrite. Attitude unclear due to highly fractured nature.
			248.68			VN									vn	60	3	2									White quartz vein. No significant mineralization
			249.02			VN									vn	70	2	2	tw	tw?			tw				White quartz vein hosting very minor disseminated galena and dark sulphide selvage.
																											EOH @ 258.17m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-39

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	5.18	5.18	0.00	0	0.00	0	W	EW		OVB
5.18	8.23	3.05	2.70	89	0.00	0	W	MW		
8.23	11.28	3.05	2.55	84	0.11	4	M	SW		
11.28	14.32	3.04	2.46	81	0.67	22	M	SW		
14.32	17.37	3.05	2.20	72	0.28	9	MS	MW		
17.37	20.42	3.05	2.08	68	0.71	23	M	MW		
20.42	23.47	3.05	2.98	98	2.07	68	M	MW		
23.47	26.52	3.05	2.32	76	0.78	26	W	MW		
26.52	29.56	3.04	2.42	80	0.00	0	W	EW		
29.56	32.61	3.05	2.49	82	1.15	38	MS	HW		
32.61	35.66	3.05	2.81	92	0.99	32	MS	SW		
35.66	38.71	3.05	2.44	80	0.70	23	MS	SW		
38.71	41.76	3.05	2.40	79	1.58	52	MS	SW		
41.76	44.81	3.05	2.93	96	0.64	21	S	MW		
44.81	47.85	3.04	2.76	91	1.22	40	S	SW		
47.85	50.90	3.05	2.97	97	1.29	42	S	SW		
50.90	53.95	3.05	2.95	97	1.32	43	S	SW		
53.95	57.00	3.05	2.62	86	0.21	7	S	SW		
57.00	60.04	3.04	2.80	92	0.83	27	S	MW		
60.04	63.09	3.05	3.01	99	1.14	37	MS	SW		
63.09	66.14	3.05	2.96	97	1.69	55	S	SW		
66.14	69.19	3.05	3.02	99	2.01	66	MS	SW		
69.19	72.24	3.05	2.98	98	1.27	42	S	SW		
72.24	75.29	3.05	2.89	95	2.07	68	MS	FR		
75.29	78.33	3.04	2.87	94	1.79	59	MS	FR		
78.33	81.38	3.05	3.00	98	1.92	63	MS	FR		
81.38	84.43	3.05	2.92	96	1.50	49	MS	FR		
84.43	87.48	3.05	3.05	100	1.63	53	MS	FR		
87.48	90.52	3.04	3.06	101	2.05	67	MS	FR		
90.52	93.57	3.05	2.95	97	1.52	50	MS	FR		
93.57	96.62	3.05	2.93	96	1.37	45	S	FR		
96.62	99.67	3.05	3.05	100	0.45	15	S	FR		
99.67	102.72	3.05	2.98	98	1.15	38	S	FR		
102.72	105.77	3.05	2.73	90	1.02	33	S	FR		
105.77	108.81	3.04	3.07	101	1.56	51	S	FR		
108.81	111.86	3.05	2.78	91	0.48	16	S	FR		
111.86	114.91	3.05	2.92	96	1.07	35	S	FR		
114.91	117.96	3.05	2.69	88	1.24	41	S	FR		
117.96	121.01	3.05	2.90	95	1.26	41	VS	FR		
121.01	124.05	3.04	3.00	99	1.04	34	MS	FR		
124.05	127.10	3.05	2.75	90	1.22	40	MS	FR		
127.10	130.15	3.05	2.94	96	0.89	29	MS	FR		
130.15	133.20	3.05	2.99	98	1.41	46	MS	FR		
133.20	136.25	3.05	2.79	91	1.88	62	MS	FR		
136.25	139.29	3.04	3.21	106	1.67	55	MS	FR		
139.29	142.34	3.05	2.60	85	0.21	7	MS	FR		
142.34	145.39	3.05	3.07	101	1.70	56	S	FR		
145.39	148.44	3.05	2.95	97	0.53	17	S	FR		
148.44	151.49	3.05	3.07	101	0.85	28	MS	FR		
151.49	154.53	3.04	3.03	100	0.64	21	W	FR		
154.53	157.58	3.05	2.93	96	0.00	0	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.58	160.63	3.05	2.95	97	0.77	25	MS	FR		
160.63	163.68	3.05	2.98	98	1.36	45	MS	FR		
163.68	166.73	3.05	3.05	100	0.81	27	MS	FR		
166.73	169.77	3.04	3.04	100	0.43	14	MS	FR		
169.77	172.82	3.05	3.05	100	0.13	4	W	FR		
172.82	175.87	3.05	2.94	96	1.94	64	MS	FR		
175.87	178.92	3.05	3.00	98	1.35	44	MS	FR		
178.92	181.97	3.05	3.06	100	2.66	87	VS	FR		
181.97	185.01	3.04	3.08	101	0.82	27	MS	FR		
185.01	188.06	3.05	3.04	100	1.66	54	MS	FR		
188.06	191.11	3.05	2.90	95	1.28	42	MS	FR		
191.11	194.16	3.05	3.03	99	2.32	76	S	FR		
194.16	197.21	3.05	3.07	101	2.26	74	S	FR		
197.21	200.25	3.04	3.02	99	1.32	43	MS	FR		
200.25	203.30	3.05	2.97	97	1.72	56	MS	FR		
203.30	206.35	3.05	3.10	102	1.14	37	MS	FR		
206.35	209.40	3.05	2.91	95	0.78	26	MS	FR		
209.40	212.45	3.05	3.09	101	1.74	57	S	FR		
212.45	215.50	3.05	3.02	99	2.02	66	S	FR		
215.50	218.54	3.04	2.99	98	2.19	72	S	FR		
218.54	221.59	3.05	3.03	99	1.75	57	MS	FR		
221.59	224.64	3.05	2.98	98	1.93	63	S	FR		
224.64	227.69	3.05	3.00	98	1.58	52	S	FR		
227.69	230.73	3.04	2.98	98	1.59	52	S	FR		
230.73	233.78	3.05	2.96	97	1.18	39	MS	FR		
233.78	236.83	3.05	3.10	102	0.70	23	S	FR		
236.83	239.88	3.05	2.90	95	0.52	17	MS	FR		
239.88	242.93	3.05	2.99	98	1.04	34	MS	FR		
242.93	245.97	3.04	3.05	100	0.14	5	MS	FR		
245.97	249.02	3.05	2.91	95	1.95	64	MS	FR		
249.02	252.07	3.05	3.01	99	1.08	35	S	FR		
252.07	255.12	3.05	2.98	98	1.97	65	S	FR		
255.12	258.17	3.05	3.00	98	2.03	67	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-39

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	5.18	5.18	0.00			1					No Sample
5.18	9.19	4.01	3.64	91	K972529	1		1.00			
9.19	13.66	4.47	3.27	73	K972530	1					
					K972531	1					STANDARD: CDN-ME-16
13.66	17.08	3.42	2.23	65	K972532	1					
17.08	20.86	3.78	2.44	65	K972533	1					
20.86	24.76	3.90	3.50	90	K972534	1					
24.76	27.15	2.39	1.78	74	K972535	1					
27.15	28.25	1.10	1.03	94	K972536	1					
					K972537	1					BLANK
28.25	32.26	4.01	2.87	72	K972538	1					
32.26	36.33	4.07	3.56	87	K972539	1					
36.33	40.18	3.85	3.21	83	K972540	1					
40.18	44.21	4.03	2.79	69	K972541	1					
44.21	48.03	3.82	3.30	86	K972542	1					
48.03	52.18	4.15	3.89	94	K972543	1					
52.18	56.02	3.84	3.62	94	K972544	1					
56.02	60.13	4.11	2.93	71	K972545	1					
60.13	64.00	3.87	3.83	99	K972546	1					
64.00	68.11	4.11	3.79	92	K972547	1					
68.11	70.01	1.90	1.78	94	K972548	1					
70.01	71.71	1.70	1.61	95	K972549	1					
					K972550	1					DUPLICATE
71.71	74.05	2.34	2.28	97	K972551	1					
74.05	76.53	2.48	2.40	97	K972552	1					
76.53	77.51	0.98	0.94	96	K972553	1					
77.51	80.12	2.61	2.47	95	K972554	1					
80.12	82.72	2.60	2.60	100	K972555	1					
					K972556	1					STANDARD: CDN-ME-16
82.72	83.58	0.86	0.86	100	K972557	1					
83.58	86.64	3.06	2.84	93	K972558	1					
86.64	89.39	2.75	2.80	102	K972559	1					
89.39	91.32	1.93	1.92	99	K972560	1					
91.32	95.34	4.02	3.97	99	K972561	1					
95.34	96.62	1.28	1.17	91	K972562	1					
					K972563	1					BLANK
96.62	99.11	2.49	2.40	96	K972564	1					
99.11	103.01	3.90	3.75	96	K972565	2					
					K972566	2					DUPLICATE
103.01	106.61	3.60	3.33	93	K972567	2					
106.61	109.20	2.59	2.67	103	K972568	2					
109.20	113.30	4.10	2.58	63	K972569	2					
113.30	116.92	3.62	3.12	86	K972570	2					
116.92	120.28	3.36	2.94	88	K972571	2					
120.28	122.46	2.18	2.31	106	K972572	2					
					K972573	2					STANDARD: CDN-ME-16
122.46	125.08	2.62	2.51	96	K972574	2					
125.08	128.59	3.51	3.17	90	K972575	2					
128.59	131.31	2.72	2.62	96	K972576	2					
131.31	135.5	4.19	4.04	96	K972577	2					
135.50	138.05	2.55	2.45	96	K972578	2					
138.05	140.68	2.63	2.32	88	K972579	2					
140.68	141.90	1.22	1.02	84	K972580	2					
					K972581	2					BLANK
141.90	144.85	2.95	2.90	98	K972582	2					
144.85	146.19	1.34	1.32	99	K972583	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
146.19	149.36	3.17	3.03	96	K972584	2					
149.36	151.29	1.93	1.90	98	K972585	2					
151.29	152.94	1.65	1.67	101	K972586	2					
					K972587	2					BLANK
152.94	154.09	1.15	1.10	96	K972588	2					
154.09	155.24	1.15	1.12	97	K972589	2					
155.24	157.42	2.18	2.13	98	K972590	2					
157.42	159.47	2.05	2.06	100	K972591	2					
159.47	161.83	2.36	2.24	95	K972592	2					
161.83	163.68	1.85	1.83	99	K972593	2					
163.68	165.65	1.97	1.99	101	K972594	2					
165.65	167.40	1.75	1.80	103	K972595	2					
167.40	169.07	1.67	1.63	98	K972596	2					
169.07	172.51	3.44	3.55	103	K972597	2					
172.51	174.21	1.70	1.60	94	K972598	2					
174.21	175.84	1.63	1.55	95	K972599	2					
					K972600	2					STANDARD: CDN-ME-16
175.84	178.96	3.12	3.08	99	K972601	3					
178.96	181.61	2.65	2.65	100	K972602	3					
181.61	183.31	1.70	1.77	104	K972603	3					
183.31	187.33	4.02	3.97	99	K972604	3					
187.33	190.50	3.17	2.97	94	K972605	3					
190.50	194.56	4.06	3.96	98	K972606	3					
194.56	196.25	1.69	1.69	100	K972607	3					
					K972608	3					STANDARD: CDN-ME-16
196.25	198.98	2.73	2.73	100	K972609	3					
198.98	200.36	1.38	1.39	101	K972610	3					
200.36	203.30	2.94	2.82	96	K972611	3					
203.30	204.58	1.28	1.29	101	K972612	3					
204.58	206.35	1.77	1.58	89	K972613	3					
206.35	207.24	0.89	0.70	79	K972614	3					
					K972615	3					BLANK
207.24	209.40	2.16	1.11	51	K972616	3					
209.40	212.64	3.24	3.21	99	K972617	3					
212.64	213.72	1.08	1.10	102	K972618	3					
					K972619	3					BLANK
213.72	217.11	3.39	3.30	97	K972620	3					
217.11	220.57	3.46	3.36	97	K972621	3					
220.57	224.12	3.55	3.49	98	K972622	3					
224.12	227.60	3.48	3.37	97	K972623	3					
227.60	230.48	2.88	2.78	97	K972624	3					
230.48	231.96	1.48	1.47	99	K972625	3					
231.96	235.95	3.99	3.99	100	K972626	3					
235.95	238.86	2.91	2.83	97	K972627	3					
238.86	241.82	2.96	2.54	86	K972628	3					
241.82	245.97	4.15	3.90	94	K972629	3					
245.97	248.38	2.41	2.35	98	K972630	3					
248.38	249.55	1.17	1.18	101	K972631	3					
249.55	253.53	3.98	4.07	102	K972632	3					
					K972633	3					STANDARD: CDN-ME-16
253.53	258.17	4.64	3.20	69	K972634	3					
					K972635	3					DUPLICATE
											END OF HOLE @ 258.17m

DENSITY LOG

Hole: **KL-11-39**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1987.9	1401.4			3.39
50.23	GRD									8.411	4.196	291.9	80.4	unaltered GRD	2.51	1.38
												1996	1398.1			3.34
92.05	GRD									9.551	4.191	337.6	121.6	unaltered GRD	2.56	1.56
												1958.1	1405.3			3.54
144.81	GRD									9.917	4.177	341.4	128.2	unaltered GRD	2.51	1.60
												1970.8	1226.8			2.65
206.56	GRD	GN								9.249	4.157	324.4	35	Phyllic altered GRD	2.58	1.12
												1970.8	1226.8			2.65
257.37	GRD									9.889	4.175	355.9	87.5	unaltered GRD	2.63	1.33

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-39

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00				OVB
3.00				OVB
4.00				OVB
5.00				OVB
6.00				OVB
7.00			14.31	
8.00				
9.00			9.191	
10.00				
11.00			13.34	
12.00			8.879	
13.00			13.57	
14.00			7.404	
15.00				
16.00				
17.00			0.238	
18.00				
19.00			1.16	
20.00			0.403	
21.00			0.194	
22.00			0.229	
23.00			0.123	
24.00			0.205	
25.00				
26.00			0.129	
27.00				
28.00				
29.00			0.388	
30.00			0.189	
31.00			0.499	
32.00			2.701	
33.00			9.548	
34.00			8.534	
35.00			3.393	
36.00			0.302	
37.00			0.749	
38.00			9.939	
39.00			0.589	
40.00			0.323	
41.00			0.202	
42.00			3.037	
43.00			0.382	
44.00			0.608	
45.00			0.471	
46.00			0.529	
47.00			15.38	
48.00			13.73	
49.00			17.85	
50.00			15.44	
51.00			21.56	
52.00			16.52	
53.00			3.182	
54.00			0.482	
55.00			0.492	
56.00			3.42	
57.00			17.26	
58.00			0.42	
59.00			15.12	
60.00			0.493	
61.00			0.537	
62.00			0.274	
63.00			0.416	
64.00			0.339	
65.00			0.375	
66.00			8.794	
67.00			16.54	
68.00			15.13	
69.00			1.378	
70.00			0.457	
71.00			1.213	
72.00			9.161	
73.00			12.28	
74.00			9.408	
75.00			5.152	
76.00			13.3	
77.00			1.15	
78.00			10.57	
79.00			14.42	
80.00			11.66	
81.00			10.19	
82.00			15.57	
83.00			0.697	
84.00			14.96	
85.00			13.89	
86.00			5.371	
87.00			5.326	
88.00			0.723	
89.00			10.02	
90.00			6.127	
91.00			2.625	
92.00			3.951	
93.00			9.358	
94.00			11.22	
95.00			10.87	
96.00			10.1	
97.00			5.568	
98.00			9.135	
99.00			6.543	
100.00			8.995	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			12.88	
102.00			3.188	
103.00			17.13	
104.00			11.79	
105.00			14.15	
106.00			0.605	
107.00			19.3	
108.00			3.885	
109.00			18.02	
110.00			9.998	
111.00			0.642	
112.00			0.417	
113.00			0.257	
114.00			0.668	
115.00			0.315	
116.00			5.092	
117.00			0.45	
118.00			2.6	
119.00			3.75	
120.00			7.172	
121.00			17.78	
122.00			9.54	
123.00			12.43	
124.00			0.619	
125.00			1.616	
126.00			1.317	
127.00			0.602	
128.00			1.487	
129.00			0.427	
130.00			0.556	
131.00			0.535	
132.00			13.67	
133.00			0.591	
134.00			0.495	
135.00			0.428	
136.00			13.88	
137.00			3.285	
138.00			0.34	
139.00			0.404	
140.00			0.249	
141.00			0.529	
142.00			0.577	
143.00			1.339	
144.00			14.38	
145.00			23.68	
146.00			3.973	
147.00			10.144	
148.00			17.79	
149.00			1.893	
150.00			0.593	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.202	
152.00			0.044	
153.00			0.361	
154.00			0.251	
155.00			0.258	
156.00			0.371	
157.00			0.477	
158.00			0.366	
159.00			0.469	
160.00			0.429	
161.00			0.356	
162.00			0.586	
163.00			0.255	
164.00			0.212	
165.00			0.411	
166.00			0.334	
167.00			0.23	
168.00			1.181	
169.00			0.312	
170.00			0.325	
171.00			0.256	
172.00			0.191	
173.00			0.355	
174.00			0.343	
175.00			0.483	
176.00			0.466	
177.00			0.648	
178.00			0.303	
179.00			0.275	
180.00			3.137	
181.00			10.9	
182.00			0.485	
183.00			0.215	
184.00			0.482	
185.00			0.274	
186.00			0.56	
187.00			0.717	
188.00			3.885	
189.00			0.389	
190.00			0.312	
191.00			0.282	
192.00			1.145	
193.00			0.275	
194.00			18.42	
195.00			3.604	
196.00			11.94	
197.00			0.246	
198.00			0.306	
199.00			0.309	
200.00			0.289	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.477	
202.00			0.115	
203.00			0.7333	
204.00			0.119	
205.00			0.037	
206.00			0.067	
207.00			0.486	
208.00			0.311	
209.00			0.136	
210.00			0.043	
211.00			0.047	
212.00			0.232	
213.00			0.243	
214.00			0.149	
215.00			0.797	
216.00			1.059	
217.00			2.6	
218.00			0.044	
219.00			0.437	
220.00			3.141	
221.00			0.445	
222.00			0.406	
223.00			0.477	
224.00			0.174	
225.00			0.636	
226.00			0.188	
227.00			0.483	
228.00			0.287	
229.00			0.37	
230.00			0.155	
231.00			0.981	
232.00			0.157	
233.00			0.23	
234.00			0.361	
235.00			0.296	
236.00			0.047	
237.00			0.772	
238.00			0.26	
239.00			0.805	
240.00			0.174	
241.00			0.271	
242.00			1.085	
243.00			0.185	
244.00			0.226	
245.00			0.661	
246.00			0.748	
247.00			0.058	
248.00			0.194	
249.00			0.185	
250.00			2.938	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			3.911	
252.00			10.07	
253.00			5.542	
254.00			3.461	
255.00			8.264	
256.00			5.171	
257.00			13.65	
258.00			9.985	EOH

BOX LOG

HOLE: KL-11-39

BOX	FROM (m)	TO (m)
1	0.00	8.52
2	8.52	14.14
3	14.14	20.42
4	20.42	26.23
5	26.23	32.26
6	32.26	38.28
7	38.28	44.42
8	44.42	50.01
9	50.01	55.61
10	55.61	61.25
11	61.25	66.84
12	66.84	72.59
13	72.59	78.33
14	78.33	84.17
15	84.17	89.91
16	89.91	95.70
17	95.70	100.95
18	100.95	106.61
19	106.61	111.97
20	111.97	117.71
21	117.71	123.33
22	123.33	128.61
23	128.61	134.27
24	134.27	139.69
25	139.69	145.46
26	145.46	151.06
27	151.06	156.73
28	156.73	162.31
29	162.31	167.88
30	167.88	173.17
31	173.17	179.12
32	179.12	184.78
33	184.78	190.60
34	190.60	196.25
35	196.25	201.68
36	201.68	207.10
37	207.10	212.65
38	212.65	218.49
39	218.49	224.12
40	224.12	229.85
41	229.85	235.30
42	235.30	240.77
43	240.77	246.36
44	246.36	251.84
45	251.84	257.48
46	257.48	258.17
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382946.39	6890172	1358.42	236.52

SECTION:

HOLE: KL-11-40

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (236.52m / EOH)

Casing depth: 4.70 (m) in / **OUT**

Drilling dates: July 15 - 20, 2011

Geology logged by: Nick Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.70		OVB	Overburden
4.70	38.13		GRD	Oxidized, unaltered granodiorite
38.13	99.35		GRD	Alternating phyllic > propylitic > argillic alteration limonite, qtz, qtz-carb veining hosting weak to strong Py > Sph > GN > As mineralization. Gouge zones througout; breccia zones lower in interval
99.35	111.32		POR	Quartz feldspar porphyry dyke
111.32	195.00		GRD	Alternating phyllic > argillic > propylitic alteration qtz, qtz-carb veining hosting weak to strong Py > Sph > Gn > As mineralization. Gouge and breccia zones in upper interval. Minor (cm scale) dyke zones
195.00	236.52		GRD	Propylitic > phyllic alteration to unaltered granodiorite. Minor qtz veining hosting weak to moderately strong sulphide mineralization
				EOH @ 236.52

SAMPLES

Numbers: K973084-K973219

Total: 136

Batch: DDH-40 B1-B4

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: DDH-KL-11-40

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock
0.00	4.70					OVB	BN					s															OVERBURDEN. Rubbley, highly oxidized core, fragments of unaltered to clay altered granodiorite
4.70	11.39					GRD	GN-PK	MA				s	prop ?	w													OXIDIZED PROPYLITIC? ALTERED granodiorite. Green-pink weakly prop altered granodiorite. Core moderately competent.Fracture surfaces limonite stained. #% clay alteration.
11.39	38.13					GRD	WH-BK	MA				s															UNALTERED granodiorite. White and black flecked massive granodiorite w/ limonite staining on fracture surfaces. Infrequent quartz-carb veining w/ phyllic envelopes. Core competent to rubbley- rubbley in highly oxidized zones. Some weak prop alteration.
			16.07	16.12		VEN	WH-BK	BN							VN	85	1										QUARTZ-CARBONATE VEINING. White and black medium banded (3mm) quartz-carb vein 1cm thick. Green massive fine grained dirty ?quartz vein <1cm thick occurs 3cm down hole from quartz carb vein.
							GR	MA							VN	85	1										
			23.29	23.31		VEN	WH-BG	BN							VN	85	1.5										QUARTZ-CARBONATE VEIN. Grey, beige, white medium banded (<6mm) grey quartz-beige Ch-carb vein. Phyllic envelope 2cm out from vein. Minor disseminated Py in grey quartz.
								DI												w							
			30.77	31.59		GRD	LTGN	EN	s			s															CHALCEDONY-CARBONATE VEIN. Beige massive Ch-carb vein w/ brecciated grey white quartz in strong phyllic envelope. Envelope (upper) oxidized - crumbly.
			31.27	31.31		VEN	BG-GY	BX							VN	90	4										CHALCEDONY-CARBONATE VEIN. Beige massive Ch-carb vein w/ brecciated grey white quartz in strong phyllic env
38.13	41.32					GRD	WH-LTGN-OR	MA		ms		s															ALTERED GRANODIORITE. Highly fractured and oxidized white-beige argillic alteration w/ patches of dark green phyllic alteration (these very crumbly). Limonite staining on fractured surfaces
41.32	61.24					GRD	GN-PK	MA	s				POT ?	w													PROPYLITIC ALTERED GRANODIORITE. Faint greeen and dark pink weakly prop and potassic altered granodiorite. Minor zones of crumbly argillic altered granodiorite (~10%) some perhaps gougey faults? Shallow massive carbonate veining throughout. Black stringers common downhole. Occasional phyllic envelopes around veining. Occasional limonite stained fractured surfaces until 53m.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
						VEN	BL								ST	45-90	0.1	1-7									
						VEN	WH								VT	10-45	<4	~3									
			43.54	44.00		GO?	GN-BG	SH		s					FT?												GOUGE? Greenish beige zone of coarse grains of phyllic altered granodiorite in soft fine grained clayey matrix. White massive shallow calcite VN in zone. Fault?
			49.70	50.48		VEN GRD	BG-YL	MA		s		ms			VN	20	<1										ARGILLIC ALTERATION. Beige argillic altered granodiorite. Core crumbly, yellow limonite staining.
			53.25	53.80		GRD	GN-YL	MA																			PHYLLIC ALTERATION. Yellow-green phyllic altered granodiorite. Black stringers and limonite stringers frequent in zone. Envelopes around VTs create banded yellow and dark green colouration
						VEN	YL;BK								ST	30-70	.1	5									
61.64	73.33					GRD	LTGN-DKGN	EN					prop	s													PHYLLIC alteration. Lt green-yellow phyllic envelopes in prop alteration around mineralized sulphide bearing and barren quartz-Ch veins. Envelopes are metere scale and encompass multiple VNs aand VTs. Prop altered intervals occur <1.5m and have black ?gothite? on fracture surfaces. Minor white and black stringers in prop zone 10% of phyllic alteration is argillic altered as well. Gougey zones and zones of strong minz'ation in following descriptions:
						VEN	BG	MA							VT-VN	45-90	<2										
						VEN	GY	MA							VN		<4		see below								
			63.33	63.73		VEN?	GY-BK								VN?	?	?										MINERALIZED SULPHIDE ZONE AND GOUGE. Black and grey massive finge grained sulphide vein? Breccia? (Core is rubbley so can't tell which). mineralization: blocky galena <6mm, blebby Py, disseminated Py and ?As? Sulphide zone transitions to 30cm gouge zone downhole. Very coarse clasts of phyllic altered granodiorite are in greeenish beige clayey matrix w/ disseminated black sulphides and minor disseminated Py.
						GO	BG-GN			s																	

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
								BK BL DI MO															ms				
																						ms					
			64.15	64.16		VEN	WH-BG	MO							VT	80	.8					ms	m?				SPH-QUARTZ VEIN. Translucent w/ beige blotches quartz-Ch veinlet w/ blebby honey brown Sph <6mm and Py <2mm. Black stringers w/ 10% Py proximal to VT.
								BL												f		s					
			65.77	66.11		VEN	WH-BG	MO							VT	80	.8										VEIN ZONE. Zone of massive braided pink Ch and x-cutting grey quartz veins. No mineralization
								BL												f		s					
			65.29	65.35		VEN	GY-BG	BN							VN	87	5										AS-PY-GN QUARTZ VEIN. Grey white beige thick banded (0.5cm-2cm) quartz-Ch vein hosting patches of disseminated As <3cm, blebby Py <4mm and blocky Gn in coarse clots <6mm. mineralization hosted in grey quartz. Core is fractured at vein
								BL												s	<40		m				
			67.10	67.17		GO	BG-GR	SH																			GOUGE. Clasts <2cm of phyllic altered granodiorite in beigey green clayey matrix. Minor disseminated black sulphides- no visible mineralization. Fault?
			67.47	67.48		VEN	OR-BK	BN							VN	80	1.2										CH-SULPHIDE VEIN. Orange and black thin banded (<2mm) Ch-sulphide vein hosting minor disseminated Py
								DI												m							
			68.03	69.60		GRD	GN-PK	MA					prop	s													PROPYLITIC ALTERATION. Drk green and drk pink prop alteration w/ black goethite? on fractured surfaces
73.33	93.27					GRD	LT-DKGN-BG	PA	s	s			prop	s													PHYLLIC > ARGILLIC > PROPYLITIC alteration. SULPHIDE mineralization. 60% Light green phyllic altered granodiorite often overprinting argillic alteration w/ frequent quartz/Ch veining in strong phyllic envelopes as well as a zone of strong sulphide mineralization - As, Py, Sph zone 25cm wide (see below). 20% Beige argillic alteration. Zones <2m wide core semi competent to crumbly; veining less evident. 20% dark green propylitic alteration. Zones <2m wide; core competent to rubbley; minor black stringers; one zone pyhllic overprinting hosts disseminated Py for >90cm
															VT	20-90	<.9	2-8									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
															VN	60-90	<25	~.5	see below								
			76.00	76.01		VEN	BK-WH	BN							VN	60	1			f							QUARTZ-SULPHIDE VEIN. Black white thin banded (2mm) quartz sulphide vein hosting disseminated Py.
			77.94	77.99		VEN	GY-BG	DI BN							VEN	60	4										QUARTZ-CH VEIN. Grey white massive quartz w/ 2mm bands of Ch. Grey white quartz hosts disseminated Py
			78.39	78.42		VEN	GY-BG	DI BN							VEN	90	3			m			sph ?	s			QUARTZ-CH VEIN. Grey white massive quartz vein w/ <6mm bands of Ch. Grey quartz hosts disseminated Py and minor blebby, black ?(b.j.) Sph? <5mm
			78.55	78.65		VEN	GY-BG	DI VU							VN	65	1			m							QUARTZ VEINING. Grey white vuggy quartz-carb vein <1cm and black stringers and VTs hosting disseminated Py are x-cut by beige-white vuggy quartz-Ch VTs; these VTs are discontinuous and ?offset by black stringers?
															VT	45-90	<.3										
			80.20	80.32		GRD	YL-GN	EN	s				prop	s														QUARTZ VEIN W/ Gn. IN SERECITEIC ENVELOPE. Translucent massive quartz VT w/ trace blebby Gn and Py in yellow-green serecite rich phyllic envelope w/in propylitic alteration interval
			80.27	80.28		VEN	GY	MA BL							VT	35	.3			t			t				
			80.37	80.79		GRD	BK-GN	MA	s	s?			prop	s														PROP/ARGILLIC ALTERATION. Soft rubbley black and dark green prop-argillic altered granodiorite. Zone marks transition from prop alteration uphole into argillic alteration downhole
			82.42	82.66		VEN	BK-GY-WH-BG	BN-NE-BX							VN	40	19										STRONG SULPHIDE mineralization. Black grey white beige thick banded, netted, grey quartz brecciated, minor vuggy quartz-Ch vein hosting strong sulphide mineralization: As: blebby to massive creating discontinuous veining textures <2.5cm thick; Py- disseminated to blebs <6mm thick, occurs w/ As; Sph (b.j.) massive VTs <3mm forming banded texture; Gn- trace blocks <2mm. Sulphides found w/in grey quartz. Ch veining <2cm is x-cut by massive grey quartz VTs and contains brecciated quartz, VN is offset 2cm. X-cutting grey quartz VTs are vuggy and continue into downhole veining 10cm down.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
								BL-MA BL MA							VT	40				<35 s			t t				
						VEN	BK	MA							VT	30-60	.2										
			82.72	82.77		VEN	GY-WH	VU							VN	60	4										QUARTZ-CARBONATE VEINING. Grey with white patches massive vuggy quartz-carb vein. No visible mineralization
			84.54	85.21		GRD	YL-GN	EN																			SULPHIDE-QUARTZ VEINS IN PHYLLIC ENVELOPE. Three grey white quartz veins ~2.5cm each hosting minor blebby Gn Py and honey brown Sph. Yellow stringers in each vein ankrite? Veins within yellow-green serecitic phyllic envelope
						3x (VEN)	GY-WH	MA							VN	80	2.5			f		f-ms	f				
								BL																			
			85.15	85.32		VEN	WH	MA							VN	20	1										MASSIVE WHITE QUARTZ-CARBONATE VEIN. Cross-cuts phyllic envelope (and veins?) at 20 degree angle to core axis. Crumbled white argillic altered granodiorite
			87.94	87.96		GRD?	BK	EN?		s						90	2										Black staining 2cm in argillic altered granodiorite
			88.51	88.67		VEN	WH	MA							VT	25	.3										CALCITE VEINLET. White massive clacite veinlet. Shallow dip
			88.90	89.90		GRD	GN-WH	MA	ms	s?			prop	ms													PHYLLIC ALTERATION WITH STRONG CALCITE 'VEINLETTING'. Patchy phyllic envelopes in propylitic-argillic altered granodiorite. Shallow calcite veinlets run along core axis. Core pale green and highly fractured towrds bottom of interval
						VEN									VT	0-20	<.3	15									
			90.04	90.97		GRD	DKGN	MA	s				prop	s													PROPYLITIC-PHYLLIC ALTERATION. Dark green propylitic (and phyllic?) altered granodiorite w/ disseminated Py throughout forming occasional clots <7mm
								DI												m							
			92.70	93.09		GRD	WH-GY-GN	MA	ms		s																SILICA FLOODED GRANODIORITE. Grey white silica flooding in phyllic altered granodiorite with disseminated to blebby Py with 10cm of greyish gouge hosting disseminated black sulphide and disseminated Py
								DI-BL												M							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
			93.00	93.27		BXA	GY-BK	BX																			MINERALIZED BLACK BRECCIA. Clasts of silica flooded argillic altered granodiorite <6cm, grey white quartz <1cm and blocks of honey brown, Sph <1cm in black silicified matrix hosting disseminated to blebby Py and ?As? Trace galena in Sph blocks. Orange ?sericite in matrix. 93.27m marks contact with dyke.
			93.27			C																					
								DI-BL														m	t				
93.27	97.50					POR	GN-BN	MA		m																	DYKE. Greenish brown moderately clay altered quartz feldspar porphyry dyke. Subhorizontal beige and grey quartz veinlets common. A gouge zone. Messy lower contact
			96.14	96.55		GO	GN-BN-GY	SH							FT	55?	43?										GOUGE. Clasts <5cm of clay altered dyke in soft white clayey white matrix, some grey colouring = disseminated sulphides? Clasts of grey quartz vein fragments in matrix as well? Subhorizontal grey quartz veinlets cross-cut beige quartz veinlets above gouge. Offset <6mm
			96.88	97.01		GO	BG-GN	SH												w							GOUGE AND BLACK BRECCIA. Gouge: clasts of very coarse phyllic altered granodiorite? And transluecent quartz in soft white clayey matrix hosting disseminated Py (minor). Breccia: clasts <8mm of translucent quartz, minor orangey medium grained clasts in black ?silica flooded? matrix hosting moderate disseminated Py. Sharp contact between gouge and breccia
						BXA	BK-GY	BX			s									m							
			96.96			C										35											
			96.88	97.50		POR ?	GN-BN; BK-GY	?			s																SILCIA FLOODED PORPHYRY DYKE? Greenish brown grey silica flooded quartz-felspar porphyry dyke? Some brecciated dyke in grey silica flooded zones, some dyke just looks saturated w/ grey silica? Yellowish orange staiing on some crumbly core = ankrite or sercitie form phyllic altered granodiorite? No visible mineralization
			97.50			C										50											CONTACT. Soft beige clayey gouge w/ reddish staining at contact with lower phyllic altered granodiorite

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From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
97.50	99.35					GRD	GN-YL	PA	s	m?	s																PHYLLIC ALTERED SILICA FLOODED GRANODIORITE. Light green with yellow flecks phyllic altered granodiorite with patches of greyish white silicified granodiorite. Thin breccia zone (6cm); thin porphyry dyke zone (8cm). disseminated blebby Py common but not throughout. Silicified zones hot minor stringy black jack Sph and Py (strings <2mm)
								BX							ST	45-80	.1	0-3		100							
						VEN	BZ	MA												w-ms							
								DI-BL																			
			98.10	98.18		BXA	BK-GY	BX																			BRECCIA. Clasts of phyllic altered granodiorite <2cm, soft clay (argillic altered granodiorite?) <1.5cm and translucent quartz <1cm in grey ?silica flooded? matrix hosting disseminated-blebby Py <2mm and minor blebby Sph (black jack) and galena
								DI-BL												m							
								BL														t	t				
			98.34	98.40		POR	GN-BN	MA		m																	PORPHYRY DYKE. Clay altered gougey quartz-feldspar porphyry dyke
99.35	102.73					POR	BN-GN	MA		m																	PORPHYRY DYKE. Greenish brown massive quartz-feldspar porphyry dyke. Flow banded and upper contact, gougey at lower contact. Reddish staining and flow banding in bottom 1.5m. Feldspar phenocrysts increase in size downhole to <1cm
102.73	103.47					GRD	GN-YL	MA	s		s																PHYLLIC ALTERED GRANODIORITE TRANSITION TO SILICA FLOODING/ VEIN ZONE? WITH STRONG Py MINERALIZATION
						VEN?	GY-WH	BN-BX MA																			
			102.73	103.21		GRD	GN-YL-GY	MA	s		s																PHYLLIC ALTERATION SILICA FLOODING. Light green yellow flecked phyllic altered granodiorite turns grey and pale green downhole with silica flooding. disseminated pyrite increases to patchy proximal to ?vein? below.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
			103.21	103.47		VEN ?	GY-WH	BN-BX			s?																QUARTZ VEIN? WITH PY. Dark grey white thick banded (<1cm) to quartz brecciated quartz vein. Semi-massive Py forms banded textures <6mm thick. disseminated to blebby to massive Py hosted in grey quartz. Some reddish soft clayey clasts <2cm are located in vein. Minor blebs of black jack Sph ~5mm found in white quartz 2cm thick
								DI												s							
								BL												s-l		w					
								MA												<85							
			103.47			C										30											CONTACT. Sharp contact between quartz vein and porphyry dyke. Contact clayey on dyke side as well as flow banded
103.47	111.32					POR	BN-GN			m					VT	<5	<.5										PORPHYRY DYKE. Greenish brown moderately clay altered quartz-feldspar porphyry dyke. Patches of red staining. White massive quartz veinlets run along core axis. Feldspars <1.5cm clay altered
			107.7	110.2		POR	BN-GN	GO																			GOUGEY CLAY ALTERED QUARTZ FELSPAR PORPHYRY DYKE
			108.4	108.81		GRD	LTG N	GO	s	s																	Green-grey gougey phyllic altered granodiorite w/ sheared texture. Moderate disseminated Py in some granodiorite clasts
								DI												m							
111.32	129.96					GRD	LTG N	MA																			PHYLLIC ALTERED GRANODIORITE W/ SULPHIDE MINERALIZED QUARTZ VEINING. Lt green strong phyllic altered granodiorite w/ frequent grey white quartz veins hosting sulphide mineralization. Black breccia zones present, some phyllic alteration is argillic altered as well (~10%). Black stringers common throughout. Minor intervals <1m of quartz-feldspar porphyry dyke
			111.32	111.40		GRD	GN-BK	BX																			BLACK BRECCIA. Clasts <2cm of phyllic altered granodiorite in fine grained black breccia hosting disseminatedeminated pyrite. Breccia zone at contact w/ porphyry dyke
								DI												m							
			112.10	112.24		POR	GY-BN	MA																			PORPHYRY DYKE. Green grey quartz-felspar porphyry dyke
			113.00	113.20		VEN	GY-WH	BN							VN	60	3			s	m	f					THREE GREY-WHITE banded quartz veins hosting 6mm thick VTs of massive pyrite and minor disseminatedeminated Sph and As
															VN	?	2			s							
															VN	?	3			s							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
			114.60	114.75		GO	GY	SH																			GOUGE AND SULPHIDE VEIN. Beige clayey matrix w/ phyllic altered granodiorite clasts <1cm. Black massive sulphide VN hosting disseminated pyrite running into gouge zone
						VEN	BK	MA							VN	40	1			m							
			114.91	115.10		GO	GY	SH																			GOUGE AND QUARTZ VEIN. Beige clayey gouge w/ black quartz brecciated sulphide veining; netted beige Ch VN (x-cutting?). disseminated pyrite and (b.j.) Sph blebs <4mm in massive sulphides
						VEN	BK	NE-BX																			
			116.47	116.77		GO	GY-BK	SH	s	s																	GOUGEY phyllic alteration w/ fine grained massive black sulphides hosting blebby pyrite at top of interval. Weak disseminated pyrite throughout gouge.
								BL												w							
			118.87	119.04		BXA	BK	BX																			BLACK BRECCIA. Clasts <1cm of orangey soft clay, grey quartz and phyllic altered granodiorite in black fine grained matrix hosting moderate disseminated pyrite. Bottom is flow banded.
								DI												m							
			119.04	119.40		GO	BG																				Core gougey below BXA w/ disseminated pyrite.
								DI												m							
			119.42	120.09		VEN	GY	MA							VN	0-5	<4										MASSIVE GREY QUARTZ. Shallow massive grey quartz veining - multiple veins run along core axis- moderate disseminated pyrite throughout phyllic alteration but not in quartz VNs.
															ST	60	0.2			100							
			121.80	124.66		GO	GN-BG	SH																			GOUGEY GRANODIORITE. Light green and beige moderately gougey phyllic altered granodiorite. Some black sulphide VTs and pyrite stringers in gouge zones
															VT	75	<.4										
			125.20	127.20		GRD	GN-WH	MA	s	ms																	PHYLLIC W/ MODERATE DISSEMINATED PYRITE. 50cm of phyllic-argillic transition into light green phyllic altered granodiorite hosting hosting moderate disseminated pyrite. Core fractured throughout 15cm of gouge w/ stronger disseminated pyrite in clayey matrix. Gouge marks contact w/ porphyry dyke
								GO												m							
				127.20		C		GO												ms							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
127.20	128.28					POR	BG-BN	MA		m																	DYKE. Beige brown massive mod clay altered quartz-feldspar dyke sharp lower contact w/ argillic-phyllic altered granodiorite. Feldspar phenos <3mm
128.28	129.96					GRD	GY	MA		ms	s																ARGILLIC alteration W/ MASSIVE SULPHIDES. Greenish grey argillic altered granodiorite - core soft crumbly. Grey disseminated? Sulphides stain core. Moderate disseminated pyrite throughout
			129.96			C		GO		s																	CONTACT. Argillic altered granodiorite - PORPHYRY DYKE. ~Sharp
129.96	130.65					POR	BG-GN	MA		m																	DYKE Greenish beige quartz-feldspar porphyry dyke. No feldspar phenos <2mm
130.65	133.27					GRD	GN-BG		s																		PHYLLIC alteration W/ mineralization. Lt green phyllic alteration w/ very frequent Ch? (milky white) stringers. Sulphide mineralization at top of interval, gougey granodiorite at bottom of interval
															ST	45-90	0.1										
			130.65	130.95		VEN	BK-GY	BN-BX			s				VN	75?	15-20											MASSIVE SULPHIDE VEIN W/ mineralization. Black and grey quartz banded to quartz brecciated grey white quartz veining/ silicification? hosting moderate-strong disseminated pyrite and blebby h. brown Sph <6mm. pyrite also forms stringers (discontinuous)
133.37	134.02					POR	BG	MA		s																	DYKE. Beige massive quartz-feldspar dyke. Gougey throughout
134.02	148.00					GRD	GN-WH, GY-BK		s	s									see below								VARIABLE alteration, mineralization. Patchy phyllic, argillic granodiorite. Zones of strong mineralization/veining/brecciation up to metre scale. Black stringers occur in clusters throughout.Gougey zones common
															ST	70-90											
			134.02	139.40		GO	GY-BK																				GOUGE W/ SULPHIDES. Black-grey clasts of phyllic altered granodiorite? White quartz and massive-sulphides in white clay. Grey white quartz veining as well, disseminated blebby pyrite throughout. pyrite stringers throughout. Black stringers w/ 'blowouts' common. Core competent. Phyllic altd granodiorite w/ pyrite stringers at bottom of interval.
								DI												m							
			135.15	135.17		VEN	WH-BG	MO							VN	80	1.5										QUARTZ-CHALCEDONY VEIN. White and beige mottled quartz-Ch vein hosting minor blebby (h.b.) Sph, Gn, pyrite <6mm

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
								BL												m		w	w				
			135.24	135.39		VEN	GY-WH-BK	BN			s				VN	85	10										QUARTZ VEINING with mineralization. Grey white massive quartz veining hosting massive Gn and semi massive honey brown Sph and semi-massive stringy pyrite
								MA														<35	<35				
			136.17	136.44		GO	GN-BG	SH																			GOUGEY GRANODIORITE. Clasts of phyllic altered granodiorite in beige clayey matrix disseminated pyrite through clasts and matrix
								DI												ms							
			136.59	136.60		GY-WH			ms																		Zone of argillic alteration with massive pyrite and Gr veinlets <6mm, weak to moderate disseminated pyrite throughout. One grey white massive quartz vein hosting moderate blebby GN and honey brown Sph and stringy pyrite
			142.44	143.46		GO	BG	SH		s										m							GOUGE AND BLACK BRECCIA. Gouge: clasts <8cm of phyllic altered granodiorite in beige clayey matrix. disseminated pyrite and pyrite stringers to veinlets throughout. Breccia competent and within gouge. Breccia: brecciated grey whtie quartz 1cm to >6cm and phylli alted granodiorite in black fine grained matrix hosting moderate-strong blebby pyrite, and discontinuous pyrite strings <6mm wide and minor blocky Gn. Chalcedony veinlets overprint breccia zone
			142.74	142.90		BXA	BK-GY	BX																			
								BL												ms			w-m				
			145.40	148.00		GO?	WH	SH		s																	GOUGE? Beige gougey/ clay altered granodiorite. Coarse clasts of phyllic altered granodiorite throughout. One zone of competent reddish hematite? bearing granodiorite similar to above interval (25cm long)
148.00	159.11					GRD	LTG N-WH	MA			s																STRONG PHYLLIC ALTERATION. Weak to strong disseminated pyrite throughout quartz-carbonate veinlets and pyrite veinlets throughout. Silica flooding creates white washout zones. One zone of clay alteration (grey very soft) ~30cm adjacent to silica flooding. Zons of patchy red stained (hematite?) core in phyllic zones. Zones of mineralization described below.
															VT	70-90	<.2	8									
															VT	0-45	<.2	4		100							
								DI												s							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock
															VN				see below								
			150.13	150.49		VEN	GY-WH	BN							VN	45-60	3,5										QUARTZ-SULPHIDE VEINING. Grey white medium banded (<6mm) quartz veining hosting stringy pyrite and blackjack Sph. pyrite strings <5mm thick. Two vein zones 3cm and 5cm thick. Semi-massive pyrite in lower vein. disseminated to massive patches <6cm wide of disseminated pyrite in phyllic altered granodiorite
						GRD	LTGN	MA	s		s																
								DI												ms		ms					
								MA												s							
			154.85	159.11		GRD	LTGN																				Zone of grey white pink medium banded (<5mm) quartz-Ch veining hosting disseminated, blebby and stringy pyrite approximately moderate-strong per vein; moderate-strong blebby to stringy Sph as well. Veins apporximately 1m-2m apart. Some 'washed-out' white quartz veins occur with sericite selvages and blebby pyrite. Massive pyrite > Sph veinlets <1.2cm (pyrite) occur. disseminated pyrite occurs in greyish phyllic alteration
						VEN	GY-PK	BN							VN	60-90	2-4	1									
						VEN	BZ	MA							VT	90	.6-1.2	4		<85		<s					
159.11	169.50					GRD	LT-DKGN	MA		ms			prop	ms													VARIABLE ALTERATION. Alternating moderate strong propylitic-argillic alteration w/ patchy phyllic alteration.Massive white anhydrite? veining common. Infrequent mineralized quartz veins in phyllic envelopes hosting disseminated-blebby pyrite. Dark green propylitic altered core often hosts disseminated pyrite.
						VEN	WH	MA							VN	45	<1.5	0-3									
169.50	195.00					GRD	LTGN-BG; GY-BK	MA	s	s																	PHYLLIC ALTERATION WITH FREQUENT SULPHIDE VEINING. Light green strong phyllic alteration with 30% argillic alteration. Frequent Ch, quartz, quartz-sulphide veins. Frequent gougey zones. Some silica flooding in phyllic zones. Overall core fractured and crumbley with frequent soft spots pyrite common along fracture surfaces and in strong phyllic zones. pyrite stringers and black stringers common. Mineralization described below.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
			172.40	172.65		GO	LTG N	SH	s	s																	GOUGEY STRONG PHYLLIC ALTERED granodiorite. disseminated pyrite throughout grey white quartz vein in fractured core
								DI												m							
			175.56	175.80		BXA	GY-BK	BX																			GREY WHITE BRECCIA. Large clasts 0.5cm -8cm of phyllic altered granodiorite with mineralized quartz veining in creamy white massive quartz matrix w/ pink vuggy Ch veining along rims. Largest clast: milky quartz vein in phyllic altered granodiorite. Vein hosts strong blebby Sph <9mm, moderate-strong As blebs <6mm, moderate pyrite blebs <6mm, weak stringy Gn. Other clasts host <50% Sph marks lower breccia contact. Ankrite clasts <3cm long in breccia
								BL												m	m-l	s	w				
								DI												m	m						
			176.50	177.17		VEN	GY, BG																				QUARTZ VEIN ZONE. Zone of grey white massive quartz veins hosting minor pyrite blebs and trace blackjack Sph. Pink massive Ch veinlets and veins cross-cut quartz veins and are found within quartz veins. disseminated pyrite throughout phyllic alteration
						VEN	GY	BN							VN	80	2-4			m		w					
						VEN	BG	MA							VT	70-90	.3-3										
			177.26	178.31		GRD	GY-LTG N	MA	s		s		SER	s														Silica flooded phyllic altered granodiorite with moderate-strong disseminated pyrite and pyrite veinlets. Possibley sericitic alteration? pyrite veinlets horizontal to core axis
															VT	0	<.4	4									
			182.40	189.27		GO	LTG N-GY	SH?	s	s					FT?													GOUGEY AND GOUGEY PHYLLIC ALTERED granodiorite. Zone of light green-beige and beige black gouge. Many zones of half competent half gouge along core axis. Blackish zones = disseminated sulphides? and moderate to strong disseminated pyrite; massive pyrite vein at bottom of interval. Traces of black sulphide veinlet? that runs along core axis seperating gouge from competent rock. Interval is strong phyllic altered and argillic altered patchy granodiorite

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		**GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock**
195.00	222.46					GRD	LT-DKGN		M				prop	s													60% PROPYLITIC 40% PHYLLIC ALTERATION. Dark and light green propylitic and phyllic alternating alteration. Milky white quartz veins ~5mm-9mm common no mineralization. Grey white quartz veins hosting mineralization (As, pyrite, Sph) occur but infrequent and range form 1cm-4cm. some argillic alteration associated with phyllic alteration (10% argillic)
			205.72	205.77		VEN	GY-WH-BZ	BN							VN	80	4										PYRITE-QUARTZ VEIN. Grey white bronze banded quartz vein hosting moderate-strong semi-massive pyrite which forms ~1cm centreline band, and patches around vein contact. Pinkish massive ch veinlet runs along lower vein contact. Vein in strong phyllic envelope
								MA												ms-l							
			218.63	220.03		GRD	LTGN	EN	s	s																	PHYLLIC ENVELOPE WITH SULPHIDE-QUARTZ VEINS. Light green strong phyllic envelope with strong argillic alteration - core competent, soft or crumbly. Grey white massive quartz veins throughout hosting moderate-strong disseminated to blebby pyrite, and weak to moderate honey brown Sph (small blebs, one bleb 6mm). Uppermost quartz vein hosts ~10% As in blebby patches in vein centreline. disseminated pyrite throughout interval
						VEN	GY-WH	MA							VN	~90	<4	4									
								BL												w-s	0-10	w-m					
								DI												m							
			221.24	222.46		GRD	BG-LTGN	MA	s	s																	ARGILLIC ALTERATION AND CH-QUARTZ-SULPHIDE VEIN. Light green and beige argillic-phyllic zone with anhydrite veins. Pink-grey-black medium banded Ch-quartz-sulphide vein with disseminated pyrite to blebby pyrite along rims
						VEN	PK	BN																			
222.46	236.52					GRD	LTGN-PK-WH	MA					prop	w													WEAK PROPYLITIC/UNALTERED granodiorite. Faint pink green weak prop altered granodiorite with 3m zone of anhydrite? veining and 1m zone of pyrite stringers and sulphide veinlets and phyllic alteration near end of hole. Black stringers throughout interval Xenoliths <10cm with large feldspar? quartz? phenocrysts in black fine grained groundmass

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		GRD = massive medium to coarse grained granodiorite with dark grey aphanitic xenoliths throughout. = host rock
			229.95	232.87		VEN	WH	MA							VT	45-90	.1-.4										
															ST	60	.1										
			236.08	236.43		GRD	LTG NPK	EN	m																		
						VEN	WH GY	BL							VT	80	<.5			f		w	w				
						VEN	WH	MA							VT	80	<.5			80-100							
			233.14	233.25		DY?	PK	MA								60											MASSIVE PINK DYKE? Sharp contact with granodiorite. Aphanitic. Black stringers cross-cut it
																											EOH 236.52m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-40

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.35	3.35	0.00	0	0.00	0	EW	EW		
3.35	4.48	1.13	1.00	88	0.13	12	EW	HW		
4.48	7.92	3.44	2.90	84	0.64	19	VW	HW		
7.92	10.97	3.05	2.80	92	0.71	23	MW	SW		
10.97	14.02	3.05	3.10	102	0.95	31	VW	SW		
14.02	17.07	3.05	2.90	95	2.37	78	VS	MS		
17.07	20.12	3.05	2.37	78	0.83	27	VS	SW		
20.12	23.16	3.04	1.38	45	0.36	12	VS	SW		
23.16	25.60	2.44	2.20	90	0.84	34	VS	SW		
25.60	27.13	1.53	1.28	84	0.76	50	VS	SW		
27.13	29.26	2.13	2.08	98	1.21	57	S	MW		
29.26	32.31	3.05	3.15	103	0.26	9	S	MW		
32.31	35.36	3.05	2.85	93	0.23	8	W	HW		
35.36	38.41	3.05	2.85	93	0.33	11	MS	HW		
38.41	40.23	1.82	1.80	99	0.21	12	MS	HW		
40.23	42.98	2.75	3.01	109	0.10	4	MS	MW		
42.98	45.42	2.44	3.07	126	0.65	27	VS	MW		
45.42	47.55	2.13	2.05	96	0.92	43	S	SW		
47.55	50.60	3.05	3.00	98	1.50	49	MS	FR		
50.60	53.64	3.04	3.10	102	0.92	30	MS	FR		
53.64	55.17	1.53	1.56	102	0.71	46	S	FR		
55.17	58.22	3.05	3.01	99	1.19	39	S	FR		
58.22	61.26	3.04	2.99	98	1.46	48	S	FR		
61.26	64.31	3.05	3.10	102	1.30	43	MS	FR		
64.31	67.36	3.05	2.98	98	0.50	16	MS	FR		
67.36	70.41	3.05	3.07	101	1.30	43	S	FR		
70.41	73.46	3.05	2.99	98	0.00	0	S	FR		
73.46	76.96	3.50	3.14	90	1.52	43	S	FR		
76.96	79.86	2.90	3.02	104	0.84	29	MS	FR		
79.86	82.91	3.05	2.53	83	1.04	34	MS	FR		
82.91	85.95	3.04	3.06	101	1.18	39	MS	FR		
85.95	90.22	4.27	3.95	93	0.59	14	S	FR		
90.22	93.27	3.05	2.82	92	0.45	15	S	FR		
93.27	96.82	3.55	2.99	84	0.23	6	S	FR		
96.82	99.35	2.53	2.74	108	0.42	17	MS	FR		
99.35	102.41	3.06	3.09	101	0.26	8	VS	FR		
102.41	105.46	3.05	2.86	94	0.40	13	VS	FR		
105.46	108.51	3.05	3.11	102	0.41	13	S	FR		
108.51	111.56	3.05	3.17	104	0.15	5	MS	FR		
111.56	114.60	3.04	2.45	81	0.25	8	MS	FR		
114.60	117.04	2.44	2.91	119	0.34	14	MS	FR		
117.04	120.09	3.05	2.93	96	0.30	10	MS	FR		
120.09	124.66	4.57	2.90	63	0.58	13	MS	FR		
124.66	127.41	2.75	2.92	106	0.89	32	MS	FR		
127.41	129.84	2.43	2.70	111	0.46	19	MS	FR		
129.84	132.89	3.05	2.90	95	0.63	21	MS	FR		
132.89	135.94	3.05	3.05	100	0.48	16	MS	FR		
135.94	138.38	2.44	2.20	90	0.15	6	MS	FR		
138.38	141.43	3.05	2.90	95	0.43	14	MS	FR		
141.43	143.86	2.43	2.30	95	0.28	12	MS	FR		
143.86	146.91	3.05	2.60	85	0.53	17	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
146.91	149.96	3.05	2.85	93	0.18	6	MS	FR		
149.96	153.01	3.05	3.00	98	0.40	13	MS	FR		
153.01	156.06	3.05	3.02	99	1.17	38	MS	FR		
156.06	159.11	3.05	2.87	94	0.90	30	MS	FR		
159.11	160.93	1.82	2.20	121	0.14	8	MS	FR		
160.93	163.37	2.44	2.30	94	0.69	28	S	FR		
163.37	165.81	2.44	2.56	105	0.34	14	S	FR		
165.81	168.86	3.05	2.89	95	0.15	5	S	FR		
168.86	171.30	2.44	2.44	100	0.13	5	S	FR		
171.30	173.43	2.13	2.20	103	0.19	9	S	FR		
173.43	175.56	2.13	1.68	79	0.00	0	MS	FR		
175.56	178.31	2.75	3.06	111	0.47	17	MS	FR		
178.31	181.66	3.35	2.97	89	0.16	5	MS	FR		
181.66	184.71	3.05	3.00	98	0.00	0	MS	FR		
184.71	187.45	2.74	2.49	91	0.00	0	MS	FR		
187.45	190.50	3.05	2.90	95	0.58	19	MS	FR		
190.50	192.94	2.44	2.44	100	0.00	0	MS	FR		
192.94	193.85	0.91	0.94	103	0.00	0	MS	FR		
193.85	195.99	2.14	2.22	104	0.00	0	MS	FR		
195.99	197.21	1.22	1.30	107	0.00	0	MS	FR		
197.21	198.42	1.21	0.90	74	0.00	0	MS	FR		
198.42	199.64	1.22	1.08	89	0.00	0	MS	FR		
199.64	201.49	1.85	1.58	85	0.00	0	MS	FR		
201.49	206.04	4.55	3.25	71	2.14	47	MS	FR		
206.04	207.57	1.53	1.18	77	0.11	7	MS	FR		
207.57	209.09	1.52	1.35	89	0.21	14	MS	FR		
209.09	210.31	1.22	1.34	110	0.26	21	MS	FR		
210.31	212.14	1.83	1.59	87	0.44	24	MS	FR		
212.14	214.27	2.13	1.98	93	0.31	15	MS	FR		
214.27	217.02	2.75	2.61	95	0.44	16	MS	FR		
217.02	220.07	3.05	3.01	99	1.24	41	MS	FR		
220.07	223.11	3.04	3.13	103	0.98	32	MS	FR		
223.11	227.99	4.88	4.30	88	2.10	43	MS	FR		
227.99	230.43	2.44	2.69	110	1.49	61	MS	FR		
230.43	232.87	2.44	1.95	80	0.43	18	MS	FR		
232.87	235.92	3.05	2.78	91	1.65	54	MS	FR		
235.92	236.52	0.60	0.91	152	0.43	72	MS	FR		
	EOH									

SAMPLE LOG

HOLE: DDH-KL-11-40

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.57	4.57	3.00	66	K973084	1					
4.57	7.61	3.04	3.00	99	K973085	1					
7.61	10.71	3.10	3.00	97	K973086	1					
10.71	13.68	2.97	3.00	101	K973087	1					
13.68	16.83	3.15	3.00	95	K973088	1					
					K973089	1					STD CDN ME-16
16.83	20.65	3.82	3.00	79	K973090	1					
20.65	25.53	4.88	3.00	61	K973091	1					
25.53	29.06	3.53	3.00	85	K973092	1					
29.06	30.75	1.69	1.75	104	K973093	1					
30.75	32.88	2.13	2.12	100	K973094	1					
					K973095	1					BLANK
32.88	36.22	3.34	3.00	90	K973096	1					
36.22	38.15	1.93	1.55	80	K973097	1					
38.15	41.80	3.65	3.35	92	K973098	1					
41.80	43.54	1.74	1.74	100	K973099	1					
43.54	44.55	1.01	1.00	99	K973100	1					
44.55	47.49	2.94	3.00	102	K973101	1					
					K973102	1					STD CDN ME-16
47.49	50.28	2.79	2.60	93	K973103	1					
50.28	53.12	2.84	2.85	100	K973104	1					
53.12	54.14	1.02	1.00	98	K973105	1					
54.14	57.15	3.01	3.00	100	K973106	1					
57.15	59.44	2.29	2.25	98	K973107	1					
59.44	61.64	2.20	2.15	98	K973108	1					
					K973109	1					DUPLICATE
61.64	63.33	1.69	1.73	102	K973110	1					
63.33	64.40	1.07	1.14	107	K973111	1					
64.40	66.10	1.70	1.54	91	K973112	1					
66.10	68.02	1.92	1.85	96	K973113	1					
					K973114	1					BLANK
68.02	70.02	2.00	2.02	101	K973115	1					
70.02	71.09	1.07	1.00	93	K973116	1					
71.09	73.33	2.24	2.18	97	K973117	1					
73.33	76.40	3.07	3.00	98	K973118	1					
76.40	79.07	2.67	2.50	94	K973119	1					
79.07	82.36	3.29	3.10	94	K973120	2					
82.36	83.36	1.00	1.00	100	K973121	2					
					K973122	2					BLANK
83.36	84.58	1.22	1.21	99	K973123	2					
84.58	85.57	0.99	1.00	101	K973124	2					
85.57	88.87	3.30	3.00	91	K973125	2					
88.87	91.04	2.17	2.20	101	K973126	2					
91.04	92.10	1.06	1.06	100	K973127	2					
92.10	93.27	1.17	1.15	98	K973128	2					
					K973129	2					STD CDN ME-16
93.27	95.46	2.19	2.08	95	K973130	2					
95.46	96.88	1.42	1.20	85	K973131	2					
96.88	99.35	2.47	2.15	87	K973132	2					
99.35	101.10	1.75	1.80	103	K973133	2					
101.10	102.78	1.68	1.80	107	K973134	2					
					K973135	2					BLANK
102.78	103.50	0.72	0.72	100	K973136	2					
103.50	106.02	2.52	2.20	87	K973137	2					
106.02	108.42	2.40	2.35	98	K973138	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.42	108.81	0.39	0.40	103	K973139	2					
108.81	110.29	1.48	1.52	103	K973140	2					
110.29	111.32	1.03	1.03	100	K973141	2					
					K973142	2					STD CDN ME-16
111.32	112.20	0.88	0.90	102	K973143	2					
112.20	113.38	1.18	1.20	102	K973144	2					
113.38	115.10	1.72	1.64	95	K973145	2					
115.10	116.47	1.37	1.37	100	K973146	2					
116.47	118.78	2.31	2.30	100	K973147	2					
118.78	120.09	1.31	1.36	104	K973148	2					
120.09	124.66	4.57	4.00	88	K973149	2					
124.66	125.77	1.11	1.00	90	K973150	2					
125.77	127.20	1.43	1.29	90	K973151	2					
127.20	128.30	1.10	0.96	87	K973152	2					
					K973153	2					DUPLICATE
128.30	129.95	1.65	1.36	82	K973154	2					
129.95	130.60	0.65	0.64	98	K973155	2					
130.60	131.12	0.52	0.43	83	K973156	3					
131.12	133.38	2.26	2.12	94	K973157	3					
133.38	134.00	0.62	0.63	102	K973158	3					
134.00	135.38	1.38	1.44	104	K973159	3					
135.38	136.59	1.21	1.26	104	K973160	3					
136.59	137.68	1.09	1.00	92	K973161	3					
137.68	139.70	2.02	1.93	96	K973162	3					
					K973163	3					STD CDN ME-16
139.70	143.00	3.30	3.00	91	K973164	3					
143.00	143.50	0.50	0.47	94	K973165	3					
143.50	145.50	2.00	2.04	102	K973166	3					
145.50	148.00	2.50	2.60	104	K973167	3					
148.00	148.86	0.86	0.86	100	K973168	3					
148.86	150.70	1.84	1.80	98	K973169	3					
					K973170	3					BLANK
150.70	153.50	2.80	2.80	100	K973171	3					
153.50	154.04	0.54	0.45	83	K973172	3					
154.04	154.85	0.81	0.80	99	K973173	3					
154.85	156.20	1.35	1.38	102	K973174	3					
156.20	156.80	0.60	0.60	100	K973175	3					
156.80	158.77	1.97	1.90	96	K973176	3					
					K973177	3					BLANK
158.77	161.80	3.03	3.00	99	K973178	3					
161.80	165.40	3.60	3.00	83	K973179	3					
165.40	167.40	2.00	2.00	100	K973180	3					
167.40	170.20	2.80	2.95	105	K973181	3					
170.20	172.65	2.45	2.40	98	K973182	3					
172.65	175.60	2.95	2.35	80	K973183	3					
					K973184	3					STD CDN ME-16
175.60	177.17	1.57	1.55	99	K973185	3					
177.17	178.31	1.14	1.15	101	K973186	3					
178.31	182.30	3.99	3.15	79	K973187	3					
					K973188	3					DUPLICATE
182.30	183.46	1.16	1.18	102	K973189	3					
183.46	184.95	1.49	1.34	90	K973190	3					
184.95	187.85	2.90	2.95	102	K973191	3					
187.85	188.24	0.39	0.35	90	K973192	4					
188.24	190.85	2.61	2.35	90	K973193	4					
190.85	193.26	2.41	2.40	100	K973194	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
193.26	194.20	0.94	0.94	100	K973195	4					
194.20	197.93	3.73	3.75	101	K973196	4					
197.93	200.93	3.00	3.00	100	K973197	4					
					K973198	4					STD CDN ME-16
200.93	203.47	2.54	2.50	98	K973199	4					
203.47	205.42	1.95	2.00	103	K973200	4					
205.42	206.63	1.21	1.27	105	K973201	4					
206.63	209.96	3.33	3.10	93	K973202	4					
209.96	211.17	1.21	1.17	97	K973203	4					
211.17	212.00	0.83	0.80	96	K973204	4					
					K973205	4					STD CDN ME-16
212.00	214.97	2.97	3.00	101	K973206	4					
214.97	216.55	1.58	1.50	95	K973207	4					
216.55	218.80	2.25	2.32	103	K973208	4					
218.80	220.04	1.24	1.30	105	K973209	4					
					K973210	4					BLANK
220.04	222.31	2.27	2.15	95	K973211	4					
222.31	225.25	2.94	3.00	102	K973212	4					
225.25	228.74	3.49	2.97	85	K973213	4					
228.74	229.90	1.16	1.20	103	K973214	4					
					K973215	4					DUPLICATE
229.90	232.87	2.97	2.77	93	K973216	4					
232.87	235.03	2.16	2.00	93	K973217	4					
					K973218	4					BLANK
235.03	236.52	1.49	1.50	101	K973219	4					EOH

DENSITY LOG

Hole: **DDH-KL-11-40**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1965	1315	2kg standard weight		3.02
50.2	GRD	MA								10.01	6.34	814	235	Propylitic alteration	2.58	1.41
												1995	1350	2kg standard weight		3.09
98.65	GRD									9.9	6.32	828	372	Argillic-propylitic alteration	2.67	1.82
99.5	POR									9.53	6.32	784	370	Qtz-feldspar porphyry dyke	2.62	1.89
												2000	1430	2kg standard weight		3.51
140.8	GRD	MA								9.8	6.35	800	403	Phyllic-argillic alteration	2.58	2.02

MAGNETIC SUSCEPTIBILITY LOG

Hole:

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Overburden
2.00				Overburden
3.00			0.299	Overburden
4.00			0.154	
5.00			2.993	
6.00			4.591	
7.00			2.397	
8.00			0.386	
9.00			1.663	
10.00			35.35	
11.00			38.56	
12.00			34.5	
13.00			38.66	
14.00			35	
15.00			29.86	
16.00			28.26	
17.00			25.93	
18.00			27.55	
19.00			28.39	
20.00			23.11	
21.00			30.52	
22.00			22.52	
23.00			21.26	
24.00			20.39	
25.00			25.97	
26.00			24.84	
27.00			22.88	
28.00			23.78	
29.00			24.29	
30.00			22.27	
31.00			33.56	
32.00			0.451	
33.00			0.74	
34.00			26.22	
35.00			28.64	
36.00			20.43	
37.00			28.64	
38.00			26.82	
39.00			0.596	
40.00			0.303	
41.00			0.9624	
42.00			22.91	
43.00			11.45	
44.00			0.391	
45.00			25.62	
46.00			23.53	
47.00			23.78	
48.00			29.09	
49.00			43.95	
50.00			32.5	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			28.44	
52.00			29.63	
53.00			22.18	
54.00			31.58	
55.00			1.302	
56.00			17.81	
57.00			29.12	
58.00			16.63	
59.00			24.05	
60.00			3.732	
61.00			38.46	
62.00			0.744	
63.00			0.3	
64.00			0.404	
65.00			0.764	
66.00			0.24	
67.00			0.38	
68.00			0.534	
69.00			14	
70.00			0.572	
71.00			4.106	
72.00			12.84	
73.00			0.596	
74.00			0.837	
75.00			0.31	
76.00			0.335	
77.00			0.328	
78.00			0.402	
79.00			0.761	
80.00			0.861	
81.00			1.489	
82.00			0.504	
83.00			0.402	
84.00			4.12	
85.00			0.401	
86.00			0.825	
87.00			0.774	
88.00			3.698	
89.00			10.67	
90.00			0.385	
91.00			0.366	
92.00			0.767	
93.00			0.135	
94.00			0.274	
95.00			0.222	
96.00			0.3	
97.00			0.396	
98.00			0.331	
99.00			0.236	
100.00			0.325	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.3314	
102.00			0.232	
103.00			0.559	
104.00			0.181	
105.00			0.243	
106.00			0.603	
107.00			0.297	
108.00			0.379	
109.00			0.384	
110.00			0.24	
111.00			0.288	
112.00			0.214	
113.00			0.257	
114.00			0.335	
115.00			0.246	
116.00			0.19	
117.00			0.253	
118.00			0.177	
119.00			0.225	
120.00			0.186	
121.00			0.194	
122.00			0.225	
123.00			0.279	
124.00			0.283	
125.00			0.223	
126.00			0.262	
127.00			0.26	
128.00			0.406	
129.00			0.422	
130.00			0.384	
131.00			0.188	
132.00			0.316	
133.00			0.332	
134.00			0.101	
135.00			0.014	
136.00			0.155	
137.00			0.114	
138.00			0.171	
139.00			0.218	
140.00			0.302	
141.00			0.174	
142.00			0.185	
143.00			0.165	
144.00			0.176	
145.00			0.196	
146.00			0.238	
147.00			0.186	
148.00			0.233	
149.00			0.172	
150.00			0.181	
151.00			0.242	
152.00			0.171	
153.00			0.253	
154.00			0.246	
155.00			0.408	
156.00			0.357	
157.00			0.369	
158.00			0.382	
159.00			0.407	
160.00			5.103	
161.00			5.011	
162.00			4.46	
163.00			5.598	
164.00			0.273	
165.00			10.34	
166.00			46.73	
167.00			10.25	
168.00			17.12	
169.00			0.446	
170.00			1.244	
171.00			0.108	
172.00			0.217	
173.00			0.148	
174.00			0.167	
175.00			0.217	
176.00			0.427	
177.00			0.2	
178.00			0.194	
179.00			0.05	
180.00			0.131	
181.00			0.143	
182.00			0.259	
183.00			0.187	shear/fault
184.00			0.141	shear/fault
185.00			0.154	
186.00			0.191	
187.00			0.192	
188.00			0.229	
189.00			0.218	
190.00			0.274	
191.00			0.314	
192.00			0.241	
193.00			0.288	
194.00			0.175	
195.00			0.35	
196.00			0.507	
197.00			9.74	
198.00			7.349	
199.00			51.5	
200.00			13.91	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			14.77	
202.00			2.84	
203.00			8.544	
204.00			15.05	
205.00			0.287	
206.00			4.995	
207.00			14.31	
208.00			3.451	
209.00			18.1	
210.00			5.115	
211.00			0.267	
212.00			0.183	
213.00			10.6	
214.00			0.693	
215.00			0.554	
216.00			0.525	
217.00			0.35	
218.00			9.763	
219.00			0.162	
220.00			0.287	
221.00			10.42	
222.00			4.477	
223.00			21.55	
224.00			0.833	
225.00			35.53	
226.00			18.06	
227.00			10.75	
228.00			11.9	
229.00			24.69	
230.00			30.32	
231.00			32.48	
232.00			26.36	
233.00			28.97	
234.00			41.2	
235.00			15.12	
236.00			24.57	
			EOH	

BOX LOG

HOLE: KL-11-40

BOX	FROM (m)	TO (m)
1	0.00	5.00
2	5.00	8.55
3	8.55	12.23
4	12.23	16.15
5	16.15	20.70
6	20.70	26.37
7	26.37	30.55
8	30.55	34.46
9	34.46	38.13
10	38.13	42.13
11	42.13	45.17
12	45.17	49.35
13	49.35	52.75
14	52.75	56.30
15	56.30	59.94
16	59.94	63.46
17	63.46	67.08
18	67.08	70.84
19	70.84	74.75
20	47.75	78.39
21	78.39	82.26
22	82.26	86.30
23	86.30	89.88
24	89.88	93.27
25	93.27	96.88
26	96.88	100.62
27	100.62	104.20
28	104.20	107.70
29	107.70	111.32
30	111.32	115.10
31	115.10	118.25
32	118.25	121.80
33	121.80	125.20
34	125.20	129.07
35	129.07	132.89
36	132.89	136.48
37	136.48	139.50
38	139.50	143.40
39	143.40	146.67
40	146.67	150.40
41	150.40	154.00
42	154.00	157.70
43	157.70	161.23
44	161.23	165.24
45	165.24	167.40
46	167.40	170.89
47	170.89	174.92
48	174.92	177.88
49	177.88	182.00
50	182.00	186.01
51	186.01	189.85
52	189.85	193.16
53	193.16	196.30
54	196.30	199.53
55	199.53	202.83
56	202.83	206.62
57	206.62	210.45
58	210.45	214.00
59	214.00	217.65
60	217.65	221.03
61	221.03	224.62
62	224.62	228.89
63	228.89	232.74
64	232.74	236.52
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382837.08	6890110.7	1377.3	373.99

ZONE:

SECTION:

HOLE: KL-11-41

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (373.99 m / EOH)

Casing depth: 11.31 (m) in / **out**

Drilling dates: July 16 - 22, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	11.31	11.31	OVB	Overburden
11.31	30.50	19.19	GRD	Phyllic and clay GRD with patches of unaltered GRD
30.50	66.88	36.38	GRD	Primarily unaltered and propylitic altered granodiorite.
66.88	151.78	84.90	GRD	Unaltered GRD with sulphides occuring in veins and
				alteation envelopes.
151.78	194.65	42.87	GRD	Grey granodiorite with small amounts of alteration.
194.65	212.58	17.93	GRD	Primarily phyllic altered GRD with an abundance of
				sulphide mieralization in quartz sulphide and sulphide
				veins and alteration envelopes.
212.58	225.58	13.00	POR	Grey Green Quartz feldspar porphyry dyke.
225.58	259.34	33.76	GRD	Primarily phyllic altered GRD with an abundance of
				quartz sulphide veins and stringers.
259.34	301.94	42.6	GRD	Primarily phyllic altered GRD with an moderate amou
				of quartz sulphide veins and stringers.
301.94	339.25	37.31	GRD	Primarily unaltered GRD with small amounts of altera
339.25	373.99	34.74	MAF	Dark Grey Mafic footwall dyke.
373.99	EOH			

SAMPLES

Numbers: K863190-K863062

Total: 221

Batch: DDH-41, B1-B7

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-41

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	11.31	11.31				OVB						s-i															OVB
11.65	12.45	0.80				GRD	GNGY		ms	n-f		ms-i															Moderate strong phyllic and bone to fair amounts o clay alterations.
															VT	80	0.3	1.3									Contains multiple light quartz veinlets
			11.65	12.45	0.80	VEN	ORG\	BX							VN	65	80.0	1									Appeaars to be a large grey and light orange quartz vein that has partially brecciate dthe host rock. It is difficult to tell exactly what the vein is due to intense oxidation.
			14.19	14.33	0.14	VEN	GYOI	BX				s			VN	70	14.0	1									Grey and light orange quartz veining that has brecciated the host rock. It is strongly oxidized
17.42	24.83	7.41				GRD	GY					m															Moderatly oxidized grey granodiorite. Hosts ar abundance of white quartz stringers
															ST	65		###									
			18.77	19.58	0.81	GRD	GYGN		w	m		ms															Moderatly clay altered granodiorite with a weak phyllic overprint. Have moderate strong oxidation.
			21.75	21.96	0.21	GRD	GNY\	EN	ms			m															Moderate strong phyllic envelope around a grey quartz and whote carbonate veinlet.
															VT	65	0.3	1									
			23.76	23.86	0.10	MAF	BK								DK	40	5.0	1									Black mafic dyke, weakly magnetic.
			24.61	24.71	0.10	GRD	WHOR			s		s															Strongly clay altered strongly oxidized granodiorite.
24.83	30.50	5.67				GRD	GYGN		ms		ms	ms															Grey green moderatly silicified, moderate strong phyllic altered granodiorite with moderate strong amounts of oxidation.
															VT	75	0.1	0-2									
			27.59	28.13	0.54	GRD	GYPU					ms															Moderatly strong oxidized grey purple granodiorite.
			30.44	30.48	0.04	GRD	DKGN						pro	s													Strong phyllic envelope around a grey quartz and light orange carbonate veinlet with blebs of pyrite and sphalerite.
								BL							VT	70	0.3	1		ms		30					
30.50	35.72	5.22				GRD	DKGN						pro	ms-i													Dark green grey, moderate strong to intensely propylitic altered granodiorite. Contains the occational white quartz stringer.
			32.38	32.53	0.15	GRD	GYOR				i	s															Intensely silicified strongly oxidized granodiorite
35.72						GRD	GYPU					m															Grey purple moderatly oxidized granodiorite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			38.62	41.66	3.04	GRD	GNGY		ms	w		m												To	t-w		Moderate strong phyllic and weakly clay alterec granodiorite. Trace to weak amounts of disseminated tourmaline throughout the interval. Moderatly oxidized.
			40.42	40.57	0.15	GRD	DKGY				i	s				t											Dark grey and orange intensely silicified granodiorite with strong amounts of oxidation. Center of the interval has been brecciated by a grey quartz vein.
								BX							VN	85	10.0	1									
			41.07	41.21	0.14	VEN	DKGY	VU				i			VN													Dark grey intesely oxidized quartz vein with a large vugg.
			43.22	44.85	1.63	GRD	GNOR		w	ms		s																Moderate strong clay altered granodiorite with a weak phyllic overprint. Contains two grey quartz and light tan veinlets.
															VT	85	0.4	1									
															VT	80	0.3	1									
			44.00	44.37	0.37	VEN	OR	NE				i																Net of thick and thin chalcedony veins that have been strong to intensely oxidized.
			43.37	43.81	0.44	GRD	LTGN		ms																			Light green moderate strong phyllic altered granodiorite.
			46.23	46.81	0.58	GRD	GNGY		ms				pro	w														Moderate strong phyllic and weak propylitic alterec granodiorite.
															VT	60	0.2	2										Contains two light orange quartz carbonate veinlets.
			47.85	48.90	1.05	GRD	GNWH		f	ms																		Moderate strong clay altered granodiorite with fai phyllic overprint.
															VT	85	0.4	2										Two quartz carbonate veinlets at the end of the interval.
			50.35	51.20	0.85	GRD	GNGY				s	m	pro	m														Strongly silicifed moderatly propylitic granodiorite.
			53.35	53.96	0.61	GRD	DKGN					m	pro	s														Dark green grey strongly propylitic altered granodiorite.
			57.68	58.67	0.99	GRD	GN		w	ms			pro	w						t								Moderate strong clay altered granodiorite with weak phyllic and propylitic overprint.
															VT	65	0.4	1		ms			ms					Grey quartz veinlet in the first third of the interval containing disseminated pyrite and galena.
58.67	66.88					GRD	GYGN				f		pro	m-s						n-t								Fatirly silicified, modereate to strong propylitic altered granodiorited. Majoroty of the interval is extremely broken up. Limonite and hematite staining along fractures.
													lim	m														
													hem	m														
			66.39	66.62		GRD	DKGY				i(?)																	Appears to be a intensely silicified granodiorite
68.88						GRD	GYPU																					Grey purple granodiorite. Contains orange quartz carbonate veinlets with weak phyllic envelopes.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								EN	w						VT	60	0.2	0-3									
			67.81	67.94	0.13	APL	RDPK								DK	50	13.0	1									Red pink aplite dyke
			68.24	68.69	0.45	GRD	GN	EN	ms				pro	ms													Moderate strong propylitic then a moderate strong phyllic envelope around a quartz sulpjide veinlet.
															VT	50	0.3	1		m		ms	m				
			70.74	72.00	1.26	GRD	GNGY		f-ms	m																	Moderate cley altered granodiorite with a fair tc moderate strong phyllic overprint. Contains multiple light tan and quartz carbonate veinlets.
															VT	73	0.2	5									
			73.61	74.41	0.80	GRD	GYGN		m-s		m		pro	ms										Se	m		Moderately silicified, moderatly phyllic grey green envelope then a strong phyllic green yellow envelope. The envelopes surround three veins
															VN	70	1.0	1		i							The first is a grey quartz pyrite vein. The first envelope contains moderate amounts of sericite.
															VN	85	1.0	1									The second vein is a white quartz carbonate veir and the third is a dark grey quartz vein sulphide vein.
															VN	80	1.3	1		ms		ms	w				
			75.29	75.40	0.11	GRD	GNOR		m				pro	m													Moderate phyllic and propylitic altered granodiorite.
			75.40	77.09	1.69	GRD	WHT(	BX	t-w	ms										f				Se	t-w		Moderate strong clay altered granodiorite with a trace to weak phyllic overprint. The first third of the intervalhas been brecciated by a fine to medium grained matrix of white and black crystals. Minor amounts of brecciation are seen throughout teh rest of the interval. Both clast and matrix contain disseminated pyrite ans sericite. There arer occasional pyrite blebs throughout the interval.
			77.09	78.76	1.67	GRD	GNGY		ms	t-f																	Moderate strong phyllic altered granodiorite with trace to fair amounts of clay alteration.
			77.19	77.22	0.03	GRD	DKGI	EN					pro	ms						w							Dark grey green moderate strong propylitic envelope around a quartz pyrite veinlet.
															VT	70	0.6	1		30							
			77.50	77.51	0.01	VEN	GYMT								VT	55	0.5	1		w			w				Quartz sulphide veinlet
			77.64	77.69	0.05	VEN	WHO	BX							VN	55	3.6	1					w				White and light orange quartz carbonate vein that has brecciated the host rock and contains a few small blebs of galena.
			78.06	78.10	0.04	GRD	GNG\	EN	m			m	pro	m													Band of dark green, green and grey moderatly silicified, moderatly propylitic and phyllic altered granodiorite.
			79.31	80.19	0.88	GRD	GNG\	EN	m-s	ms										w				Se	w		Green blue moderatly phyllic and moderate strong silicified envelope with weak amounts of disseminated pyrite and sericite, then a green yellow strong phyllic altered envelope.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								VU							VN	80	3.2	1		s		ms	f				Envelopes are around a vuggy quartz chalcedony vein containing blebs and disseminated pyrite, sphalerinte and galena.
			83.16	83.64	0.48	GRD	GNYV	EN	m				pro	m												Moderate phyllic green yellow envelope then a moderate propylitic dark green envelope around a grey and black quartz vein hosting disseminated pyrite.
															VN	45	1.0	1		m							
			85.75	85.99	0.24	GRD	GN		ms																		Phyllic envelope surrounding a quartz carbonate vein.
															VN	70	2.0	1									
			86.23	86.68	0.45	GRD	GN		ms				pro	w													Moderate strong phyllic and weak propylitic altered granodiorite.
			86.98	88.18	1.20	GRD	GNGY		ms	ms			pro	ms													Moderate strong phyllic altered granodiorite with patches of moderate clay and moderate strong propylitic alteration.
															VT	70	0.3	###									Contains multiple light orange quartz carbonate veinlets.
			91.00	91.63	0.63	GRD	GNGY		ms				ser	ms													Moderate strong phyllic and moderate strong sericite altered dark green grey envelope then a yellow green moderate strong phyllic envelope then a strong propylitic dark green envelope. The envelopes are around a pyrite galena vein.
													pro	s													
															VN	70	3.2	1		i			m				
			92.08	93.48	1.40	GRD	GNGY	EN	ms				pro	ms						t				Se	w		Moderate strong green yellow phyllic envelope with disseminated pyrite and sericite, then a moderate strong dark green propylitic envelope.
															VN	55	12.0	1		s		s	f				Envelope surrounds a dark grye quartz sulphide vein that is directly adjancet to white, light tan quartz carbonate vein.
															VN	65	2.4	1		t							
			93.63	94.10	0.47	GRD	GNGY	EN	ms				pro	m													Moderate strong phyllic then moderate propylitic envelopes around four adjacent veins. Light orange chalcedony vein is surrounded on either side by a massive sphalerite vein containing blebs and disseminated pyrite. The fourth vein is adjacent to the sphalerite vein and is a grey quartz vein hosting pyrite blebs.
															VN	82	2.0	1									
								MA							VN	79	1.8	2		ms		80					
								BL							VN	76	1.2	1		m							
			94.23	94.60	0.37	GRD	GNGY	EN	ms				pro	ms						w				Se	w		Moderate strong green grey phyllic envelope with disseminated sericite and pyrite, then a moderate strong propylitic envelope.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								MA							VN	77	2.0	1		30		35	i				The envelopes surround a grey and white quartz carbonate vein that contains blebby to semi-massive pyrite, sphalerite and galena.
			99.45	99.67	0.22	GRD	GN	EN	s				pro	s												Strong green phyllic then a strong dark green propylitic envelope around a light tan and white carbonate veinlet.
															VT	45	0.4	1									
			108.84	109.17	0.33	GRD	GN				i																Intensely silicified green granodiorite. Inverval is >95% quartz. Interval is very broken up.
															VN	45	1.0	1									Contains a light tan quartz carbonate vein
			114.83	115.40	0.57	GRD	GNGY		w-ms		s									t				Se	t		Blue green weakly phyllic and strongly silicified granodiorite containing two light orange chalcedony veinlets and one vein. Envelope hosts disseminated pyrite and sericite. Blue green envelope is surrounded by a moderate strong green orange phyllic envelope hosting an abundance of a moderatly hard orange mineral (ankerite?). Then there is a moderatly strong dark green propylitic envelope.
															VT	63	0.4	2									
															VN	70	1.4	1		s							
			116.14	117.24	1.10	GRD	GNYW		m																		Moderatly strong phyllic altered granodiorite
			116.90	117.14	0.24	GRD	BLGN	EN	m		s									w							Strongly silicified and moderatly phyllic envelope containing weak amounts of of disseminated pyrite. The envelope contains 3 distinct veins.
															VN	85	7.5	1		35	f	m	i				The first is a grey quartz sulphide vein
								BX							VN	85	3.5	1		f							The second is a quartz carbonate vein that has brecciated the host rock.
															VN	87	2.4	1		i							The third is a quartz pyrite veins
			119.25	119.76	0.51	GRD	GYGN	EN	s				pro	s													Strongly phyllic envelope then a strong propylitic envelope around a light orange quartz vein.
															VN	65	2.4	1									
			125.18	127.24	2.06	GRD	GNYW		ms	ms																	Moderate strong phyllic and clay altered granodiorite containing light orange quartz carbonate veinlets and stringers.
															VT	84	0.1	0-1									
															ST	73		0-3					w				
			127.24	128.40	1.16	BXA	GY	VU		ms	i																Grey breccia with clasts of intensely silicified dark grey granodiorite in a light grey matrix andthat has been moderatly clay altered . Interval is vuggy and the vuggs contain yellow green crystals which appear to be quartz. A calena veinlet was brecciated with the silicified granodiorite.
			128.40	128.79	0.39	GRD	GN		m				pro	m													Moderatly phyllic and propylitic altered granodiorite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			131.80	132.55	0.75	GRD	RDBK						hem	m														Black and red moderate strong hematite stained and intensely propylitic(?) altered granodiorite.
													pro(?)	i														
			132.55	133.45	0.90	GRD	GYGN			m			pro	m														Moderatly clay and propylitic altered granodiorite.
			134.05	134.50	0.45	GRD	GN		s	s			pro	m														Strong phyllic then strong clay and moderate propylitic envelopearound a grey quartz and light orange chalcedony vein. Contains disseminated pyrite and sphalerite blebs.
															VN	63	2.6	1		w		w						
			136.02	137.15	1.13	GRD	GNYW		m-s	m			pro	m														Green yellow moderate to strong phyllic altered granodiorite with patches of moderate clay and moderate strong propylitic alteration.
			136.34	136.35	0.01	VEN	BKOR								VT	65	0.3	1		w								Black and light orange quartz carbonate veinlet containing disseminated pyrite.
			136.38	136.39	0.01	VEN	MTBK								VT	70	0.4	1				s	s					Quartz sphalerite galena veinlet
			137.15	137.43	0.28	GRD	WHGN			ms			pro	ms														Moderate strong clay and propylitic altered granodiorite.
			138.96	140.32	1.36	GRD	GNYV	EN	ms				pro	f														Moderate strong phyllic envelope with patches of fai propylitic alteration.
															VT		0.8	1					50					Envelope is around a quartz galena veinlet Orientation is unknown because the veinlet has been heavily broken up.
			143.20	144.87	1.67	GRD	GN	EN	s				pro	ms														Light green yellow large strong phyllic envelope then a small grey and dark green moerate strong propylitic envelope.
								BX							VN	50	4.5	1		t								Envelope surrounds a white grey quartz carbonate vein that has brecciated the host rock.
															VN	50	1.1	1		30								The upper contact of the breccia vein has a dark grey quartz and pyrite vein. Phyllic envelope contains an abundance of black stringers and a few light orange veinlets.
															ST	65		7										
															VT	60	0.3	2										
															VT	45	0.7	2		m								
			147.55	148.38	0.83	GRD	GNGY				ms		pro	ms						t								Moderate strong silicified, moderate strong propylitic altered dark green grey granodiorite with trace amounts of disseminated pyrite.
			148.74	149.09	0.35	GRD	GNYV	EN			ms																	Green yellow grey, moderately strong silicified, moderate strong phyllic envelope surrounding grey and white carbonate vein with large galena blebs.
								BL							VN	75	1.7	1					i				
			150.18	150.98	0.80	GRD	GNYV	EN	ms				pro	ms														Yellow green moderate strong phyllic altered envelope follow by a dark green and grey propylitic envelope.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VN	65	3.5	1		w							Envelope surrounds a white carbonate and grey quartz vein with weak amounts of disseminated pyrite.
			150.98	151.37	0.39	GRD	GYGN																				Grey green moderatly silicified, moderatly phyllic(?) granodiorite with a ppatch of strong clay alteration in the center.
151.78						GRD	GY																				Light to medium grey granodiorite
			152.47	153.00	0.53	VEN	GNGY								VT	20	0.6	1									Green grey long low angle quartz epidote veinlet.
			154.91	154.92	0.01	VEN	GNBK								VT	16	0.4	1									Long low angle black veinlet with green epidote
			180.01	180.42	0.41	GRD	GN	EN	ms																		Moderate strong green phyllic envelope around a grey quartz vein hosting disseminated pyrite.
															VN	75	4.0	1		m			w				
			181.55	181.97	0.42	GRD	GYGN				ms		pro	ms													Moderate strong silicified, moderate strong propylitic grey, dark green granodiorite.
			181.97	185.26	3.29	GRD	GNGY		m-s	ms	ms									t-w							Moderate to strong phyllic altered granodiorite containing patches of moderate strong clay alteration and zones of moderate silicication.
			182.17	182.19	0.02	VEN	GYM	BL							VN	20	2.6	1		s							Grey quartz vein hosting blebs of disseminated pyrite.
			183.65	183.71	0.06	VEN	GYTN	BX							VN	75	6.0	1		m	m						Grey tan quartz vein that has brecciated the host rock contaning pyrite and arsenopyrite.
			183.72	183.82	0.10	VEN	MTG	MA							VN	60	9.1	1		w	30	40	w				Quartz sulphide vein hosting blebby massive arsenopyrite and and sphalerite and disseminated galena and pyrite.
			183.82	183.87	0.05	VEN	GYTN								VN		5.0	1		t							Grey and light tan quartz carbonate vein that has brecciated the host rock.
			183.42	184.13	0.71	VEN	BKM	BX							VN			1		40	i	i	w				Dark grey and black quartz sulphide vein containing disseminated and bleby pyrite, sphalerite, galena and arsenopyrite.
			185.26	190.00	4.74	GRD	GYGN				ms		pro	ms-s													Grey an ddark green moderate strongly silicified, moderate strongly propylitic granodiorite.
			190.00	194.65	4.65	GRD	GNGY		ms	m-s			pro	m													Moderate strong phyllic altered granodiorite with patches of moderate to strong clay and moderate propylitic alteration.
			192.89	193.31	0.42	GRD	GNGY		ms	ms																	Phyllic and clay altered granodiorite containing and a abundance of veins and stringers.
								BX							VN	80	8.0	1		f	f	s	w				Grey quartz vein with bleb and disseminated sphalerite as well as disseminated pyrite, arsenopyrite and galena.
								BX							VN	80	9.5	1		w		w					Grey and black quartz sulphide veining containing weak amounts of disseminated pyrite and sphalerite Vein has been breciated my light orange carbonate veining.
															ST	65		8		w							Contains and abundance of black sulphide stringers containing pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
194.65	212.58	17.93				GRD	GYGN			ms			pro	w-m													Medium grey green weak to moderate propylitic altered granodiorite with patches of moderate strong clay alteration.
			196.18	196.32	0.14	GRD	LTGN	EN	ms											t							Light green moderate strong phyllic envelope around a dark grey quartz and light carbonate vein.
															VN	84	2.0	1		t							
			198.43	198.56	0.13	GRD	LTGN		ms	i																	Light green moderate strong phyllic envelope around a grey quartz veinveinlet hosting disseminated pyrite. Also contains a band of clay gouge.
															VT	80	0.6	1		w							
			200.99	201.00	0.01	VEN	GY								VN	70	1.0	1		t		w	w				Grey quartz vein containing disseminated pyrite, galena and sphalerite.
			201.56	201.83	0.27	GRD	LTGN	EN	ms	i																	Light green moderate strong phyllic envelope around a band of intensely clay altered granodiorite.
			202.24	202.47	0.23	GRD	GYGN	EN	m																		Moderate phyllic envelope around a light grey quartz vein containing pyrite blebs.
								BL							VN	68	1.1	1		m							
			203.30	203.64	0.34	GRD	GNGY		ms		ms									t							Moderatly strong silicfied, moderate strong propylitic altered granodiorite. Contains three quartz sulphide veins.
															VN	85	1.0	1		ms							
															VN	87	2.6	1		f		40					
								BL							VN	86	3.0	1		s		i					
			203.64	204.66	1.02	GRD	LTGN		ms																		Light green moderatly strong phyllic altered granodiorite containing a few carbonate veinlets.
															VT	65	0.4	3									
			204.37	204.47	0.10	GRD	GYGN	EN	m		s																Strongly silicified moderatly phyllic envelope around a grey quartz vein hosting small blebs and disseminated pyrite and sphalerite.
															VN	79	1.7	1		s		s					
			206.25	210.10	3.85	GRD	GNGY		ms				pro	f						t							Moderte strong phyllic altered granodiorite with patches of fair propylitic alteration.
			207.76	208.03	0.27	GRD	GYGN		ms		ms									t-w							Moderte strong silicified moderat strong propylitic altered granodiorite. Contains trace to weak amounts of disseminate sulphides.
															VN	65	1.7	2		m							Contains two quartz pyrite veins and one pyrite veinlet.
															VT	85	0.3	1		100							
			209.10	209.30	0.20	POR	GYGN			m					DK	63	20.0	1									Moderatly clay altered grey green quartz feldspa porphyry dyke.
			211.52	212.45	0.93	GRD	GYGN		m-s											t-w							Moderatly to strong phyllic altered granodiorite containing multiple dark grey quartz pyrite veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VT	60	0.1	5		s-50							
			212.45	212.58	0.13	VEN	BKGY								VN		13.0	1		f			f				Black grey quartz sulphide vein hosting disseminated pyrite and galena.
212.58	225.58	13.00				POR	GYGN			n-m																	Grey green quartz feldspar porphyry dyke with none to moderate amoiunts of clay alteration.
			219.10	219.99	0.89	BXA	BKGY			m-s										t							Black and grey moderate clay altered breccia. Clasts are composed of dyke granodiorite and quartz.
			220.52	221.01	0.49	BXA	GY			s-i																	Grey strong to intense clay altered breccia
			225.09	225.19	0.10	BXA	BNGY				s									t							Brecciated clay and strongly silicified and light brown dyke.
225.19	259.34	34.15				GRD	GYGN		m-s		ms		hem	w						n-w							Moderate strong silicified, moderate to strong phyllic altered granodiorite with patches of weak hematitie staining.
			229.59	232.25	2.66	GRD	GYGN		m-s	m	s-i									f-i				Se	n-m		Strong to intensely silicified, moderatly phyllic altered granodiorite with patches of moderate clay alteration. Contains fair to intense amounts of disseminated pyrite and none to moderate amounts of sericite.
			231.43	231.58	0.15	VEN	MT	MA							VN	75	15.0	1		97				Se	w		Massive pyrite vein with weak amounts of sericite.
			231.70	231.75	0.05	VEN	GYMT													m							Grey quartz vein with disseminated sercite
			231.77	232.14	0.37	VEN	MTGY	MA												70				Se	i		Grey quartz vein hosting intense amounts of sericite and massive pyrite.
			233.87	234.02	0.15	GRD	MDGY			s	s									m							Strongly silicified granodiorite that has been strongly clay altered. Moderate amounts of disseminated pyrite.
			239.88	241.97	2.09	GRD	GY		m	m-i	s									w							Moderate to intense clay altered strongly silicifiec moderatly phyllic granodiorite with weak amounts of disseminated pyrite.
			241.68	241.69	0.01	VEN	BK			i					VN	30	1.0	1		t							Black clay gouge vein.
			241.97	242.17	0.20	VEN	MDGY								VN	40	20.0	1									Grey quartz vein.
			242.89	243.02	0.13	GRD	GYWH		f		ms		Ser	m						f							Moderate strong silicified, fair phyllic and moderatly sericite altered granodiorite containing fair amounts of disseminated pyrite.
			246.23	246.28	0.05	VEN	MTGY								VN	60	5.0	1		s	f		s				Metallic, grey and black quartz sulphide vein hosting disseminated pyrite, arsenopyrite and galena.
			248.31	248.33	0.02	VEN	DKGY								VT	60	0.2	1		m							Quartz pyrite veinlet.
			250.96	250.97	0.01	VEN	GYMT								VN	80	1.1	1		60							Quartz pyrite veinlet.
			253.79	254.45	0.66	GRD	GYGN	EN	s		ms									w-m							Moderate strong silicified, strong phyllic altered granodiorite envelope hosting weak to moderate amounts of disseminated pyrite.
															ST	30		4		m-i							Contains multiple grey quartz pyrite stringers
															ST	60		3		m-i							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VN	70	16.0	1		30							Envelope surrounds a dark grey quartz sulphide vein.
			254.67	254.69	0.02	VEN	GYMT	BL							VN	45	1.0	1		30							Grey quartz vein hosting pyrite blebs
			256.85	256.86	0.01	VEN	GYMT								VT	68	0.8	1		50							Grey and dark grey quartz pyrite veinlet
			257.50	257.77	0.27	VEN	GYBK	BX							VN	85	27.0	1		s			w				Dark grey quartz sulphide vein containing disseminated pyrite. Lower 2/3 of vein have been brecciated and contain weak amounts of galena. A white carbonate vein was also brecciated.
259.34	280.13	20.79				GRD	GYGN			m-s	ms		pro	m-s						n-t							Moderatly strong silicified, moderate to strong propylitic dark green grey granodiorite with patches of moderate to strong clay alteration. Majority of the interval is heavily broken up and fractured.
			262.40	264.31	1.91	GRD	GYGN		m		s		pro	m													Moderate Phyllic and propylitic altered green grey granodiorite. Contains patches of strong silicification.
			263.37	263.43	0.06	VEN	GYWH								VN	83	6.0	1		t							Grey, white and light orange quartz, carbonate and chalcedony vein.
			264.22	264.23	0.01	VEN	GYMT								VT	30	0.3	1		w			f				Quartz pyrite galena veinlet
			271.43	271.55	0.12	GRD	GYGN	EN	m		s																Strongly silicified , moderatly phyllic envelope containing an abundance of a white hard mineral. Envelope is around a grey quartz and white carbonate vein.
															VN	65	1.5	1		t							
			273.70	273.95	0.25	BXA	BK			m										w			w				Moderatly clay altered black breccia, hosting weak amounts of pyrite and galena.
			273.95	276.92	2.97	GRD	GY		m	s										t-f							Moderatly phyllic and strong clay altered granodiorite. Interval is very broken up and rubbly.
			275.43	275.44	0.01	VEN	DKGY								VT	77	0.7	1		f	f						Dark grey quartz vein hosting disseminated pyrite and arsenopyrite.
			275.50	275.62	0.12	BXA	BKGY			i										s-i							Black breccia in clay gouge matrix hosting strong to intense amounts of pervasive pyrite.
			277.68	277.86	0.18	GRD	DKPU						hem?	i													Dark purple altered granodiorite with possible intense hematite staining. Red hematite staining along fractures.
			278.69	280.13	1.44	GRD	GYGN		m	m-i																	Moderatly phyllic and moderatly to intensely cay altered granodiorite.
280.13	281.84	1.71				POR	GY								DK	45	1.7	1									Grey quartz feldspar porphyry dyke
251.84	295.37	43.53				GRD	GYGN		ms				pro	m													Moderate strong phyllic altered grey green with patches of moderate propylitic alteration. Portions of the interval are broken up and rubbely.
			251.84	251.91	0.07	BXA	BK								VN	37	3.0	1		f							Black breccia hosting disseminated pyrite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			252.10	252.18	0.08	GRD	GYGN				s									w-f							Band of strongly silicified, moderatly phyllic altered granodiorite, hosting weak to fair amounts disseminated pyrite and a few black stringers.
															ST	70		3		w							
			253.04	253.06	0.02	VEN	BKOR			i					VN	55	1.4	1		t							Light orange carbonate and black gouge veir
			253.28	253.29	0.01	VEN	BKMT								VN	75	1.0	1		i							Black quartz and pyrite vein
			253.51	253.54	0.03	VEN	BK								VN	50	2.5	1		ms			f				Black breccia vein.
			285.17	285.37	0.20	GRD	GY				i																Intensely silicified granodiorite hosting pyrite and galena.
285.37	290.01	4.64				GRD	GY		m	ms-i			pro	m						t-w							Moderate strong to intensely clay altered granodiorite with patches of moderate propylitic alteration.
290.01	301.94	11.93				GRD	GYGN		m-s				pro	m-s													Moderate to strong phyllic and propylitic altered granodiorite with patches of moderate clay alteration.
			295.64	295.65	0.01	BXA	BK								VT	59	0.5	1		t							Black breccia veinlet.
			298.45	301.14	2.69	GRD	GYGN		w	s-i										n-t							Weakly phyllic and strong to intensely clay altered granodiorite.
			299.02	299.05	0.03	VEN	GYWH								VN	40	2.6	1									Grey quartz vein with a small amount of white calcite.
			301.39	301.75	0.36	GRD	GY		m	i	i									w							Alterbating intensely silicified granodiorite and intensely clay altered granodiorite.
301.94	316.24	14.30				GRD	GYGN			m-s			pro	m-s						n-w							Moderate to strong propylitic altered granodiorite with patches of moderate to strong clay alteration.
			306.85	308.10	1.25	GRD	BKWH		i											s							Intense phyllic alteration seritizing to clay gouge. Host strong amounts of pervasive pyrite.
			308.10	308.22	0.12	VEN	DKG\	BX			i				VN	75	12.0	1									Intensely silicified quartz quartz vein and black breccia. Contains moderate to strong amounts of blebby and disseminated pyrite.
			308.22	310.39	2.17	GRD	GNGY		ms				pro	ms						n-w							Alternating moderate strong phyllic and propylitic altered granodiorite.
			311.19	315.50	4.31	GRD	GY			i		i															Primarily intense clay altered granodiorite with a few patches of intense silicification.
			312.24	312.76	0.52	GRD	GY		s																		Strong phyllic and clay gouge with randomly oriented carbonate veining and weak amounts of disseminated pyrite.
			315.50	316.80	1.30	GRD	GYWH		s-i																		Strong to intensely phyllic alteration sericitizing to clay gouge. Contains large white quartz carbonate and a grey metallic quartz pyrite and sphalerite vein. The sphalerite is pervasive and the veins are in the center of the interval.
															VN	70	3.5	1									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															VN	55	1.1	1		m		85					
316.80	322.43	5.63				GRD	GYGN						pro	m-s													Dark green and grey moderate to strong propylitic altered granodiorite.
			319.79	321.10	1.31	GRD	GNYV	EN	ms																		Moderate strong green yellow phyllic envelope around a black, grey metallic quartz sulphide vein.
															VN	80	3.2	1		ms			t				
			321.19	321.21	0.02	VEN	GYMT								VT	70	0.3	1									Grey metallic quartz pyrite veinlet
322.43	339.25	16.82				GRD	GYPU			ms			pro	ms													Grey purple granodiorite with patches of moderate strong propylitic alteration and moderate strong clay alteration. Caly alterations is most abundant at the end of the interval.
			324.09	325.52	1.43	GRD	GYGN		m		m																Moderatly phyllic and moderatly quartz floodec granodiorite with multiple black pyrite veinlets and a white carbonate vein.
															VT	60		4		ms							
															VN	85	1.0	1		f							
			330.32	330.42	0.10	APL	RDBN								VN	60	0.7	1									Two aplite veinlets.
															VT	70	0.9	1									
			332.50	332.52	0.02	VEN	GYWH								VN	75	1.2	1		m							Grey and white quartz carbonate vein. Cotains moderate amounts of small pyrite blebs.
339.25	373.99	34.74				MAF	DKGY																				Dark grey mafic fotwall dyke of white approximatly 50% has been altered to grey. Dark grey portions contains trace to weak amounts of disseminated pyrite and are weakly magnetic.
			340.30	340.75	0.45	MAF	GNTN																				
															VT	67	0.4	1		w			w				Green and tan altered mafic dyke contains trace tc fair amounts of disseminated pyrite.
															VT	70	0.7	1		f		f					Contains 3 quartz sulphide veinlets and one vein
															VT	62	0.3	1			w	s	s				
															VN	60	2.2	1		m		40					
			344.39	344.40	0.01	VEN	GYMT								VT	30	0.4	1		70							Quartz pyrite veinlet
			349.80	349.88	0.08	MAF	GYWH													w							Grey mafic dyke speckled white with quartz carbonate veining.
															VT	80	0.7										
															VT	70	0.9			m							
			358.40	358.47	0.07	VEN	WH								VN	60	6.0										White carbonate vein.
373.99	EOH																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-41

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	7.32	7.32	2.20	30	0.10	1	S	EW		
7.32	11.28	3.96	2.32	59	0.80	20	S	EW		
11.28	14.33	3.05	3.04	100	1.21	40	MS	EW		
14.33	17.37	3.04	2.98	98	1.02	34	S	EW		
17.37	20.42	3.05	3.02	99	0.99	32	VS	EW		
20.42	23.47	3.05	3.06	100	1.58	52	MS	EW		
23.47	26.52	3.05	3.15	103	1.27	42	VS	EW		
26.52	29.57	3.05	3.02	99	0.86	28	S	EW		
29.57	32.61	3.04	3.10	102	0.40	13	MS	EW		
32.61	35.66	3.05	3.15	103	1.07	35	S	EW		
35.66	38.71	3.05	3.02	99	1.29	42	VS	EW		
38.71	41.76	3.05	3.30	108	0.79	26	S	EW		
41.76	44.81	3.05	3.07	101	0.97	32	S	EW		
44.81	47.85	3.04	3.13	103	1.23	40	S	VW		
47.85	50.90	3.05	3.03	99	1.59	52	S	MW		
50.90	53.95	3.05	3.01	99	0.89	29	S	VW		
53.95	57.00	3.05	2.72	89	0.13	4	MS	VW		
57.00	60.05	3.05	3.00	98	0.16	5	MS	MW		
60.05	63.09	3.04	3.03	100	0.66	22	S	MW		
63.09	66.14	3.05	2.93	96	0.27	9	MS	SW		
66.14	69.19	3.05	2.11	69	1.84	60	S	SW		
69.19	72.24	3.05	2.99	98	1.32	43	S	FR		
72.24	75.29	3.05	3.11	102	1.29	42	S	FR		
75.29	78.33	3.04	3.13	103	1.70	56	S	FR		
78.33	81.38	3.05	3.09	101	1.98	65	S	FR		
81.38	84.43	3.05	3.06	100	1.70	56	S	FR		
84.43	87.48	3.05	2.99	98	1.56	51	S	FR		
87.48	90.53	3.05	3.07	101	1.48	49	VS	FR		
90.53	93.57	3.04	2.97	98	1.60	53	VS	FR		
93.57	96.62	3.05	3.00	98	2.12	70	S	FR		
96.62	99.00	2.38	3.00	126	0.73	31	S	FR		
99.00	102.72	3.72	2.88	77	0.60	16	S	FR		
102.72	105.77	3.05	3.07	101	1.21	40	VS	FR		
105.77	108.81	3.04	3.00	99	2.41	79	S	FR		
108.81	111.86	3.05	3.02	99	0.00	0	S	FR		
111.86	114.91	3.05	3.15	103	1.12	37	MS	FR		
114.91	117.96	3.05	2.80	92	0.54	18	S	FR		
117.96	121.00	3.04	3.14	103	1.02	34	S	FR		
121.00	124.05	3.05	2.87	94	1.44	47	S	FR		
124.05	127.10	3.05	3.03	99	0.52	17	MS	FR		
127.10	130.15	3.05	3.13	103	0.87	29	S	FR		
130.15	133.20	3.05	3.15	103	1.65	54	S	FR		
133.20	136.25	3.05	3.03	99	1.09	36	W	FR		
136.25	139.29	3.04	3.06	101	1.58	52	S	FR		
139.29	142.34	3.05	2.90	95	1.54	50	S	FR		
142.34	145.39	3.05	3.05	100	1.90	62	S	FR		
145.39	148.44	3.05	3.11	102	1.43	47	S	FR		
148.44	151.49	3.05	2.99	98	1.45	48	S	FR		
151.49	154.53	3.04	3.05	100	1.66	55	S	FR		
154.53	157.58	3.05	2.95	97	1.89	62	VS	FR		
157.58	160.63	3.05	3.15	103	1.67	55	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	3.05	100	2.43	80	MS	FR		
163.68	166.73	3.05	2.90	95	1.07	35	S	FR		
166.73	169.77	3.04	2.93	96	0.96	32	S	FR		
169.77	172.82	3.05	3.07	101	0.74	24	S	FR		
172.82	175.87	3.05	3.05	100	1.10	36	MS	FR		
175.87	178.92	3.05	3.08	101	1.75	57	S	FR		
178.92	181.97	3.05	3.00	98	1.24	41	S	FR		
181.97	185.01	3.04	3.09	102	0.78	26	S	FR		
185.01	188.06	3.05	3.05	100	0.31	10	S	FR		
188.06	191.11	3.05	3.10	102	0.34	11	S	FR		
191.11	194.16	3.05	3.08	101	0.93	30	MS	FR		
194.16	197.21	3.05	2.83	93	0.16	5	MS	FR		
197.21	200.25	3.04	3.00	99	0.10	3	MS	FR		
200.25	203.30	3.05	3.02	99	1.34	44	MS	FR		
203.30	206.35	3.05	2.95	97	1.20	39	MS	FR		
206.35	209.40	3.05	3.03	99	2.39	78	MS	FR		
209.40	212.45	3.05	2.99	98	1.23	40	MS	FR		
212.45	215.49	3.04	2.95	97	1.68	55	MS	FR		
215.49	218.54	3.05	2.96	97	1.81	59	MS	FR		
218.54	221.59	3.05	2.92	96	1.33	44	MS	FR		
221.59	224.64	3.05	2.99	98	0.27	9	MS	FR		
224.64	227.69	3.05	2.97	97	0.93	30	MS	FR		
227.69	230.73	3.04	2.86	94	0.98	32	MS	FR		
230.73	233.78	3.05	2.90	95	0.63	21	MS	FR		
233.78	236.83	3.05	3.16	104	1.94	64	MS	FR		
236.83	239.88	3.05	2.89	95	2.00	66	MS	FR		
239.88	242.93	3.05	3.02	99	0.54	18	MS	FR		
242.93	245.97	3.04	2.91	96	0.46	15	MS	FR		
245.97	249.02	3.05	2.83	93	0.57	19	MS	FR		
249.02	252.07	3.05	2.75	90	0.84	28	MS	FR		
252.07	255.12	3.05	2.81	92	0.92	30	MS	FR		
255.12	258.17	3.05	3.10	102	1.46	48	MS	FR		
258.17	261.21	3.04	2.76	91	1.33	44	MS	FR		
261.21	264.26	3.05	2.95	97	0.77	25	MS	FR		
264.26	267.31	3.05	2.59	85	0.00	0	MS	FR		
267.31	270.36	3.05	2.78	91	0.17	6	MS	FR		
270.36	273.41	3.05	3.00	98	0.44	14	MS	FR		
273.41	276.45	3.04	2.77	91	0.14	5	MS	FR		
276.45	279.50	3.05	2.86	94	0.29	10	MS	FR		
279.50	282.55	3.05	2.96	97	0.90	30	MS	FR		
282.55	285.60	3.05	2.71	89	0.99	32	MS	FR		
285.60	288.65	3.05	2.88	94	1.20	39	MS	FR		
288.65	291.69	3.04	2.82	93	0.44	14	MS	FR		
291.69	294.74	3.05	3.10	102	0.85	28	MS	FR		
294.74	297.79	3.05	2.82	92	0.78	26	MS	FR		
297.79	300.89	3.10	2.98	96	1.67	54	MS	FR		
300.89	303.89	3.00	2.82	94	0.32	11	W	FR		
303.89	306.93	3.04	3.03	100	0.31	10	W	FR		
306.93	309.98	3.05	2.93	96	0.17	6	W	FR		
309.98	313.03	3.05	2.74	90	0.93	30	W	FR		
313.03	316.08	3.05	2.97	97	1.12	37	W	FR		
316.08	319.13	3.05	3.05	100	0.69	23	W	FR		
319.13	322.17	3.04	2.94	97	1.98	65	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
322.17	325.22	3.05	3.04	100	2.32	76	S	FR		
325.22	328.27	3.05	3.01	99	1.30	43	MS	FR		
328.27	331.32	3.05	3.00	98	1.23	40	MS	FR		
331.32	334.37	3.05	3.05	100	0.20	7	MS	FR		
334.37	337.41	3.04	2.91	96	0.57	19	MS	FR		
337.41	340.46	3.05	2.90	95	0.33	11	MS	FR		
340.46	343.51	3.05	2.96	97	1.07	35	MS	FR		
343.51	346.56	3.05	3.05	100	1.19	39	MS	FR		
346.56	349.61	3.05	3.05	100	1.06	35	MS	FR		
349.61	352.65	3.04	3.03	100	2.15	71	MS	FR		
352.65	355.70	3.05	2.97	97	1.62	53	MS	FR		
355.70	358.76	3.06	3.05	100	1.24	41	MS	FR		
358.76	361.80	3.04	3.02	99	2.01	66	MS	FR		
361.80	364.85	3.05	3.05	100	2.59	85	S	FR		
364.85	367.89	3.04	2.98	98	0.42	14	MS	FR		
367.89	370.94	3.05	2.90	95	0.60	20	S	FR		
370.94	373.99	3.05	2.98	98	0.81	27	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-41

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
11.31	14.33	3.02	2.98	99	K863190	1					
14.33	16.00	1.67	1.66	99	K863191	1					
16.00	17.42	1.42	1.33	94	K863192	1					
17.42	19.58	2.16	2.16	100	K863193	1					
					K863194	1					Standard CDN-ME-16
19.58	22.00	2.42	2.46	102	K863195	1					
22.00	24.83	2.83	2.82	100	K863196	1					
24.83	27.59	2.76	2.80	101	K863197	1					
27.59	30.50	2.91	2.86	98	K863198	1					
30.50	33.00	2.50	2.54	102	K863199	1					
33.00	35.72	2.72	2.79	103	K863200	1					
					K863201	1					Standard CDN-ME-16
35.72	38.62	2.90	2.80	97	K863202	1					
38.62	40.57	1.95	1.95	100	K863203	1					
					K863204	1					Blank
40.57	41.66	1.09	1.08	99	K863205	1					
41.66	43.22	1.56	1.65	106	K863206	1					
43.22	44.81	1.59	1.57	99	K863207	1					
44.81	46.23	1.42	1.50	106	K863208	1					
46.23	48.68	2.45	2.52	103	K863209	1					
48.68	50.33	1.65	1.62	98	K863210	1					
50.33	53.00	2.67	2.80	105	K863211	1					
53.00	54.00	1.00	1.05	105	K863212	1					
54.00	56.68	2.68	2.62	98	K863213	1					
56.68	57.68	1.00	1.02	102	K863214	1					
57.68	58.67	0.99	1.01	102	K863215	1					
					K863216	1					Blank
58.67	61.00	2.33	2.25	97	K863217	1					
61.00	62.00	1.00	1.04	104	K863218	1					
					K863219	1					Duplicate
62.00	65.00	3.00	3.05	102	K863220	1					
65.00	66.88	1.88	1.84	98	K863221	1					
66.88	69.00	2.12	2.26	107	K863222	1					
69.00	70.74	1.74	2.82	162	K863223	1					
70.74	72.00	1.26	1.19	94	K863224	1					
72.00	73.61	1.61	1.59	99	K863225	1					
73.61	75.29	1.68	1.67	99	K863226	2					
75.29	77.09	1.80	1.80	100	K863227	2					
					K863228	2					Blank
77.09	78.10	1.01	1.06	105	K863229	2					
78.10	79.31	1.21	1.24	102	K863230	2					
79.31	80.19	0.88	0.86	98	K863231	2					
80.19	83.16	2.97	2.96	100	K863232	2					
					K863233	2					Standard CDN-ME-16
83.16	86.00	2.84	2.89	102	K863234	2					
86.00	88.79	2.79	2.77	99	K863235	2					
88.79	90.53	1.74	1.83	105	K863236	2					
90.53	91.63	1.10	1.10	100	K863237	2					
91.63	92.5	0.87	0.86	99	K863238	2					
92.50	94.60	2.10	2.12	101	K863239	2					
					K863240	2					Blank
94.60	97.00	2.40	2.35	98	K863241	2					
97.00	100.00	3.00	3.07	102	K863242	2					
100.00	103.00	3.00	2.98	99	K863243	2					
103.00	106.00	3.00	3.03	101	K863244	2					
106.00	108.84	2.84	2.78	98	K863245	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.84	111.86	3.02	2.90	96	K863246	2					
111.86	114.00	2.14	2.32	108	K863247	2					
114.00	116.14	2.14	1.94	91	K863248	2					
116.14	117.24	1.10	0.92	84	K863249	2					
117.24	120.00	2.76	2.70	98	K863250	2					
120.00	123.00	3.00	2.80	93	K863251	2					
					K863252	2					Duplicate
123.00	125.18	2.18	2.22	102	K863253	2					
125.18	127.24	2.06	2.05	100	K863254	2					
127.24	128.97	1.73	1.60	92	K863255	2					
128.97	131.00	2.03	2.14	105	K863256	2					
131.00	132.55	1.55	1.60	103	K863257	2					
					K863258	2					Standard CDN-ME-16
132.55	134.05	1.50	1.45	97	K863259	2					
134.05	135.00	0.95	1.00	105	K863260	2					
135.00	136.02	1.02	1.04	102	K863261	2					
136.02	137.15	1.13	1.15	102	K863262	3					
137.15	138.96	1.81	1.82	101	K863263	3					
138.96	140.00	1.04	1.07	103	K863264	3					
					K863265	3					Blank
140.00	142.00	2.00	2.00	100	K863266	3					
142.00	143.50	1.50	1.45	97	K863267	3					
143.50	144.21	0.71	0.71	100	K863268	3					
144.21	146.00	1.79	1.84	103	K863269	3					
146.00	147.55	1.55	1.57	101	K863270	3					
147.55	148.74	1.19	1.19	100	K863271	3					
148.74	149.25	0.51	0.53	104	K863272	3					
149.25	150.39	1.14	1.11	97	K863273	3					
150.39	150.98	0.59	0.58	98	K863274	3					
					K863275	3					Blank
150.98	153.00	2.02	1.98	98	K863277	3					No sample 276, Tag does not exist
153.00	156.00	3.00	2.96	99	K863278	3					
156.00	159.00	3.00	2.92	97	K863279	3					
159.00	162.00	3.00	3.11	104	K863280	3					
162.00	165.00	3.00	3.00	100	K863281	3					
165.00	168.00	3.00	2.94	98	K863282	3					
					K863283	3					Standard CDN-ME-16
168.00	171.00	3.00	3.15	105	K863284	3					
171.00	174.00	3.00	2.92	97	K863285	3					
174.00	177.00	3.00	3.15	105	K863286	3					
177.00	180.01	3.01	3.05	101	K863287	3					
180.01	180.42	0.41	0.41	100	K863288	3					
180.42	181.97	1.55	1.50	97	K863289	3					
					K863290	3					Duplicate
181.97	183.63	1.66	1.70	102	K863291	3					
183.63	184.13	0.50	0.51	102	K863292	3					
184.13	185.26	1.13	1.08	96	K863293	3					
185.26	188.00	2.74	2.81	103	K863294	3					
					K863295	3					Standard CDN-ME-16
188.00	190.00	2.00	2.10	105	K863296	3					
190.00	192.81	2.81	2.86	102	K863297	3					
192.81	193.31	0.50	0.43	86	K863298	3					
193.31	194.65	1.34	1.34	100	K863299	4					
194.65	196.40	1.75	1.79	102	K863300	4					
196.40	198.43	2.03	2.04	100	K863301	4					
198.43	200.92	2.49	2.47	99	K863302	4					
200.92	202.47	1.55	1.50	97	K863303	4					
					K863304	4					Standard CDN-ME-16

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
202.47	203.30	0.83	0.83	100	K863305	4					
203.30	204.47	1.17	1.00	85	K863306	4					
204.47	206.25	1.78	1.82	102	K863307	4					
206.25	207.44	1.19	1.17	98	K863308	4					
207.44	208.15	0.71	0.70	99	K863309	4					
208.15	210.10	1.95	1.91	98	K863310	4					
210.10	211.85	1.75	0.79	45	K863311	4					
211.85	212.58	0.73	0.66	90	K863312	4					
212.58	215.49	2.91	2.92	100	K863313	4					
215.49	218.00	2.51	2.42	96	K863314	4					
218.00	219.10	1.10	1.05	95	K863315	4					
219.10	219.99	0.89	0.87	98	K863316	4					
219.99	220.52	0.53	0.51	96	K863317	4					
220.52	221.01	0.49	0.51	104	K863318	4					
					K863319	4					Blank
221.01	224.00	2.99	3.05	102	K863320	4					
224.00	225.19	1.19	1.10	92	K863321	4					
					K863322	4					Standard CDN-ME-16
225.19	228.00	2.81	2.67	95	K863323	4					
228.00	229.59	1.59	1.61	101	K863324	4					
229.59	231.43	1.84	1.74	95	K863325	4					
231.43	232.14	0.71	0.72	101	K863326	4					
					K863327	4					Blank
232.14	233.25	1.11	1.02	92	K863328	4					
233.25	235.48	2.23	2.36	106	K863329	4					
235.48	236.41	0.93	0.91	98	K863330	4					
					K863331	4					Duplicate
236.41	238.00	1.59	1.58	99	K863332	4					
238.00	239.88	1.88	1.76	94	K863333	4					
239.88	241.97	2.09	2.05	98	K863334	4					
241.97	243.05	1.08	1.07	99	K863335	5					
243.05	245.97	2.92	2.85	98	K863336	5					
245.97	247.10	1.13	1.12	99	K863337	5					
247.10	247.65	0.55	0.54	98	K863338	5					
247.65	249.02	1.37	1.40	102	K863339	5					
					K863340	5					Duplicate
249.02	251.37	2.35	2.50	106	K863341	5					
251.37	253.31	1.94	1.98	102	K863342	5					
253.31	254.75	1.44	1.54	107	K863343	5					
					K863344	5					Blank
254.75	257.50	2.75	2.96	108	K863345	5					
257.50	258.17	0.67	0.67	100	K863346	5					
					K863347	5					Blank
258.17	259.34	1.17	1.16	99	K863348	5					
259.34	262.40	3.06	2.94	96	K863349	5					
262.40	263.20	0.80	0.80	100	K863350	5					
263.20	264.31	1.11	1.15	104	K972001	5					
264.31	267.31	3.00	3.02	101	K972002	5					
					K972003	5					Standard CDN-ME-16
267.31	270.36	3.05	3.15	103	K972004	5					
270.36	271.43	1.07	1.05	98	K972005	5					
271.43	273.56	2.13	2.20	103	K972006	5					
273.56	274.24	0.68	0.70	103	K972007	5					
274.24	275.33	1.09	0.60	55	K972008	5					
275.33	276.00	0.67	0.70	104	K972009	5					
276.00	277.86	1.86	1.78	96	K972010	5					
277.86	278.99	1.13	1.05	93	K972011	5					
278.99	280.13	1.14	1.20	105	K972012	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
280.13	281.84	1.71	1.71	100	K972013	5					
281.84	283.54	1.70	1.68	99	K972014	5					
283.54	285.17	1.63	1.60	98	K972015	5					
285.17	288.37	3.20	3.21	100	K972016	5					
					K972017	5					Standard CDN-ME-16
288.37	291.10	2.73	2.70	99	K972018	5					
291.10	294.10	3.00	2.96	99	K972019	5					
294.10	297.10	3.00	2.98	99	K972020	5					
297.10	298.45	1.35	1.33	99	K972021	6					
298.45	301.14	2.69	2.66	99	K972022	6					
301.14	304.14	3.00	3.01	100	K972023	6					
					K972024	6					Standard CDN-ME-16
304.14	306.93	2.79	2.78	100	K972025	6					
306.93	308.31	1.38	1.37	99	K972026	6					
308.31	311.19	2.88	2.83	98	K972027	6					
311.19	312.76	1.57	1.55	99	K972028	6					
312.76	313.71	0.95	0.97	102	K972029	6					
313.71	315.50	1.79	1.77	99	K972030	6					
315.50	316.80	1.30	1.32	102	K972031	6					
					K972032	6					Blank
316.80	319.80	3.00	2.98	99	K972033	6					
319.80	321.24	1.44	1.44	100	K972034	6					
321.24	324.09	2.85	2.79	98	K972035	6					
324.09	325.52	1.43	1.40	98	K972036	6					
					K972037	6					Duplicate
325.52	328.27	2.75	2.73	99	K972038	6					
328.27	331.27	3.00	2.92	97	K972039	6					
331.27	332.61	1.34	1.36	101	K972040	6					
332.61	334.41	1.80	1.58	88	K972041	6					
334.41	337.41	3.00	2.81	94	K972042	6					
337.41	339.25	1.84	1.91	104	K972043	6					
339.25	340.30	1.05	1.01	96	K972044	6					
340.30	341.30	1.00	0.99	99	K972045	6					
					K972046	6					Blank
341.30	344.23	2.93	2.85	97	K972047	6					
344.23	346.61	2.38	2.37	100	K972048	6					
346.61	349.61	3.00	3.03	101	K972049	6					
349.61	350.61	1.00	1.04	104	K972050	6					
350.61	352.65	2.04	2.00	98	K972051	6					
					K972052	6					Standard CDN-ME-16
352.65	355.65	3.00	2.91	97	K972053	6					
355.65	358.47	2.82	2.95	105	K972054	6					
358.47	361.30	2.83	2.94	104	K972055	6					
361.30	362.72	1.42	1.42	100	K972056	6					
362.72	364.91	2.19	2.20	100	K972057	7					
					K972058	7					Standard CDN-ME-16
364.91	367.89	2.98	2.97	100	K972059	7					
367.89	370.39	2.50	2.54	102	K972060	7					
370.39	372.74	2.35	2.25	96	K972061	7					
372.74	373.99	1.25	1.23	98	K972062	7					EOH

DENSITY LOG

Hole: **KL-11-41**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
144.00	GRD		Phyllic	ms						9.917	6.344	837.9	439	Green Phyllic GRD	2.67	2.10
160.86	GRD									9.92	6.311	820.2	394.1	Gray GRD	2.64	1.92
206.70	GRD		Phyllic	m						10.31	6.39	868.2	460.1	Mderatly silicified and phyllic	2.63	2.13
341.39	MAF									10.31	6.4	889.5	415	Mafic Dyke (Footwall Dyke)	2.68	1.87

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-41

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00				OVB
3.00				OVB
4.00				OVB
5.00				OVB
6.00			0.346	
7.00			0.288	
8.00			0.426	
9.00			0.439	
10.00			10.8	
11.00			1.322	
12.00			0.386	
13.00			0.28	
14.00			0.506	
15.00			0.33	
16.00			0.32	
17.00			0.4	
18.00			12.18	
19.00			1.603	
20.00			5.435	
21.00			14.46	
22.00			1.787	
23.00			4.097	
24.00			17.06	
25.00			1.308	
26.00			0.482	
27.00			0.724	
28.00			9.163	
29.00			0.369	
30.00			0.276	
31.00			9.282	
32.00			0.611	
33.00			0.738	
34.00			1.03	
35.00			1.158	
36.00			1.211	
37.00			22.53	
38.00			23.18	
39.00			1.222	
40.00			0.595	
41.00			0.346	
42.00			4.237	
43.00			0.393	
44.00			0.501	
45.00			14.21	
46.00			15.78	
47.00			21.24	
48.00			0.59	
49.00			10.03	
50.00			8.22	
51.00			0.923	
52.00			12.11	
53.00			9.137	
54.00			10.37	
55.00			1.304	
56.00			1.49	
57.00			14.52	
58.00			0.797	
59.00			12.82	
60.00			1.014	
61.00			0.845	
62.00			0.76	
63.00			0.636	
64.00			0.831	
65.00			28.51	
66.00			18.48	
67.00			10.83	
68.00			14.43	
69.00			19.08	
70.00			6.671	
71.00			0.711	
72.00			0.767	
73.00			24.86	
74.00			0.55	
75.00			7.397	
76.00			0.234	
77.00			0.3	
78.00			0.255	
79.00			14.49	
80.00			0.37	
81.00			8.193	
82.00			22.48	
83.00			23.67	
84.00			22.77	
85.00			25.85	
86.00			0.855	
87.00			0.474	
88.00			0.365	
89.00			0.627	
90.00			26.49	
91.00			0.846	
92.00			2.699	
93.00			0.386	
94.00			0.622	
95.00			247.42	
96.00			24.338	
97.00			19.8	
98.00			26.77	
99.00			26.78	
100.00			22.49	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			27.59	
102.00			7.017	
103.00			28.96	
104.00			33.73	
105.00			32.76	
106.00			26.27	
107.00			32.77	
108.00			39	
109.00			0.33	
110.00			0.401	
111.00			15.62	
112.00			0.918	
113.00			8.826	
114.00			10.21	
115.00			8.257	
116.00			6.83	
117.00			27	
118.00			31.85	
119.00			27.42	
120.00			10.8	
121.00			26.06	
122.00			19.09	
123.00			28.5	
124.00			26.22	
125.00			5.038	
126.00			0.419	
127.00			0.286	
128.00			0.476	
129.00			0.608	
130.00			12.72	
131.00			15.87	
132.00			9.203	
133.00			18.63	
134.00			22.55	
135.00			27.15	
136.00			0.538	
137.00			0.623	
138.00			2.934	
139.00			0.876	
140.00			1.8	
141.00			25.9	
142.00			17.63	
143.00			15.4	
144.00			10.35	
145.00			16.55	
146.00			28.27	
147.00			22.74	
148.00			0.751	
149.00			0.7	
150.00			29.09	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			2.027	
152.00			25.29	
153.00			60.68	
154.00			19.89	
155.00			17.24	
156.00			22.59	
157.00			26.04	
158.00			30.89	
159.00			29.77	
160.00			33.11	
161.00			20.16	
162.00			25.04	
163.00			22.96	
164.00			27.73	
165.00			27.45	
166.00			26.08	
167.00			25.84	
168.00			25.27	
169.00			26.23	
170.00			30.25	
171.00			36.66	
172.00			40.46	
173.00			43.57	
174.00			42.07	
175.00			42.96	
176.00			26.58	
177.00			27.369	
178.00			38.2	
179.00			7.406	
180.00			0.745	
181.00			22.38	
182.00			0.306	
183.00			0.134	
184.00			0.292	
185.00			0.258	
186.00			7.324	
187.00			22.3	
188.00			5.707	
189.00			0.86	
190.00			0.529	
191.00			0.354	
192.00			0.995	
193.00			0.958	
194.00			0.591	
195.00			7.479	
196.00			1.676	
197.00			15.08	
198.00			10.57	
199.00			19.49	
200.00			17.27	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.556	
202.00			7.262	
203.00			7.459.	
204.00			0.713	
205.00			2.577	
206.00			0.415	
207.00			0.353	
208.00			0.227	
209.00			0.407	
210.00			0.234	
211.00			0.566	
212.00			0.232	
213.00			0.328	qtz-feldspar dyke
214.00			0.172	qtz-feldspar dyke
215.00			0.21	qtz-feldspar dyke
216.00			0.157	qtz-feldspar dyke
217.00			0.258	qtz-feldspar dyke
218.00			0.211	qtz-feldspar dyke
219.00			0.141	dark band
220.00			0.163	qtz-feldspar dyke
221.00			0.294	qtz-feldspar dyke
222.00			0.234	qtz-feldspar dyke
223.00			0.222	qtz-feldspar dyke
224.00			0.235	qtz-feldspar dyke
225.00			0.337	qtz-feldspar dyke
226.00			0.136	altered GRD
227.00			0.156	
228.00			0.249	
229.00			0.131	
230.00			0.12	
231.00			0.125	
232.00			0.109	
233.00			0.192	
234.00			0.182	
235.00			0.107	
236.00			0.061	
237.00			0.147	
238.00			0.144	
239.00			0.151	
240.00			0.161	
241.00			0.25	
242.00			0.167	
243.00			0.245	
244.00			0.156	
245.00			0.159	
246.00			0.344	
247.00			0.246	
248.00			0.121	
249.00			0.207	
250.00			0.547	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.337	
252.00			0.303	
253.00			0.3074	
254.00			0.273	
255.00			0.244	
256.00			0.22	
257.00			0.466	
258.00			0.17	
259.00			0.12	
260.00			12.45	
261.00			13.43	
262.00			2.209	
263.00			1.965	
264.00			0.334	
265.00			0.225	
266.00			0.363	
267.00			0.367	
268.00			0.951	
269.00			0.53	
270.00			1.24	
271.00			7.486	
272.00			0.471	
273.00			0.526	
274.00			0.263	
275.00			0.359	
276.00			0.272	
277.00			0.491	
278.00			1.306	
279.00			0.378	
280.00			0.245	
281.00			0.398	
282.00			0.333	
283.00			0.329	
284.00			0.321	
285.00			2.064	
286.00			0.239	
287.00			0.489	
288.00			0.108	
289.00			0.301	
290.00			2.998	
291.00			0.564	
292.00			8.434	
293.00			0.444	
294.00			0.349	
295.00			0.485	
296.00			0.36	
297.00			0.495	
298.00			0.515	
299.00			0.284	
300.00			0.286	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.233	
302.00			23.03	
303.00			1.029	
304.00			0.26	
305.00			1.963	
306.00			0.512	
307.00			0.151	
308.00			0.209	
309.00			0.365	
310.00			0.216	
311.00			1.668	
312.00			0.156	
313.00			0.309	
314.00			0.09	
315.00			0.147	
316.00			0.349	
317.00			2.457	
318.00			0.479	
319.00			2.649	
320.00			3.41	
321.00			24.14	
322.00			26.6	
323.00			2.751	
324.00			0.17	
325.00			0.198	
326.00			0.327	
327.00			2.857	
328.00			2.089	
329.00			0.644	
330.00			45.3	
331.00			2.651	
332.00			22.96	
333.00			9.523	
334.00			22.22	
335.00			0.628	
336.00			1.481	
337.00			13.4	
338.00			0.488	
339.00			0.409	
340.00			3.303	
341.00			0.309	
342.00			0.271	
343.00			0.927	
344.00			0.504	
345.00			1.259	
346.00			1.103	
347.00			2.407	
348.00			2.415	
349.00			0.493	
350.00			0.296	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.296	
352.00			0.281	
353.00			0.175	
354.00			0.318	
355.00			8.055	
356.00			4.585	
357.00			36.29	
358.00			50.98	
359.00			40.96	
360.00			62.96	
361.00			58.42	
362.00			0.674	
363.00			0.378	
364.00			0.391	
365.00			0.301	
366.00			0.392	
367.00			0.31	
368.00			0.269	
369.00			0.234	
370.00			0.295	
371.00			3.885	
372.00			4.885	
373.00			12.01	
374.00			2.563	
EOH				

BOX LOG

HOLE: KL-11-41

BOX	FROM (m)	TO (m)
1	0.00	10.52
2	10.52	14.54
3	14.54	18.66
4	18.66	22.76
5	22.76	26.36
6	26.36	31.05
7	31.05	34.84
8	34.84	39.00
9	39.00	42.92
10	42.92	46.79
11	46.79	50.98
12	50.98	54.52
13	54.52	58.69
14	58.69	62.00
15	62.00	65.37
16	65.37	69.19
17	69.19	73.42
18	73.42	77.17
19	77.17	81.09
20	81.09	85.00
21	85.00	89.09
22	89.09	93.48
23	93.48	97.34
24	97.34	101.00
25	101.00	104.26
26	104.26	108.81
27	108.81	112.64
28	112.64	116.52
29	116.52	120.16
30	120.16	124.40
31	124.40	128.06
32	128.06	131.95
33	131.95	136.00
34	136.00	140.21
35	140.21	144.45
36	144.45	148.56
37	148.56	152.84
38	152.84	157.13
39	157.13	161.11
40	161.11	165.43
41	165.43	169.36
42	169.36	173.43
43	173.43	177.42
44	177.42	181.49
45	181.49	185.41
46	185.41	189.09
47	189.09	192.63
48	192.63	196.46
49	196.46	199.82
50	199.82	203.70
51	203.70	207.82
52	207.82	211.77
53	211.77	215.83
54	215.83	220.05
55	220.05	224.30
56	224.30	228.62
57	228.62	232.55
58	232.55	236.21
59	236.21	240.54
60	240.54	244.27
61	244.27	248.71
62	248.71	252.62
63	252.62	256.39
64	256.39	260.54
65	260.54	263.94
66	263.94	267.63
67	267.63	270.92
68	270.92	274.24
69	274.24	277.71
70	277.71	281.28
71	281.28	285.35
72	285.35	289.52
73	289.52	293.53
74	293.53	297.31
75	297.31	301.39
76	301.39	305.13
77	305.13	309.00
78	309.00	312.76
79	312.76	316.88
80	316.88	320.59
81	320.59	324.50
82	324.50	328.69
83	328.69	332.42
84	332.42	336.57
85	336.57	340.11
86	340.11	344.23
87	344.23	348.19
88	348.19	352.45
89	352.45	356.72
90	356.72	360.75
91	360.75	364.91
92	364.91	368.81
93	368.81	372.74
94	372.74	373.99
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381494.37	6890724.9	1221.212	252.07

ZONE:

SECTION:

HOLE: KL-11-42

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (252.07m / EOH)

Casing depth: 21.51 (m) in / **out**

Drilling dates: July 18 - 23, 2011

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
no other surveys							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	21.51	21.51	GRD	Overburden
21.51	37.38	15.87	GRD	Primariliy oxidized phyllic altered GRD
37.38	38.89	1.51	MAF	Red purple moderatly oxidized mafic dyke.
38.89	75.12	36.23	GRD	Alternating patches of phyllic and propylitic altered G
75.12	84.89	9.77	MAF	Grey Moderatly clay altered mafic dyke.
84.89	89.12	4.23	GRD	Clay gouge with phyllic and propylitic altered GRD
89.12	92.52	3.40	MAF	Brown tan mafic dyke
92.52	111.09	18.57	GRD	Phyllic then propylitic altered GRD with patches of cla
111.09	134.14	23.05	GRD	Primarily phyllic altered GRD with patches of clay
				and propylitic alteration and minor quartz sulphide ve
134.14	172.15	38.01	GRD	Alternating phyllic, propylitic and clay altered GRD wi
				patches of clay gouge and minor carbonate veining.
172.15	198.13	25.98	FEL	Light Grey felsic dyke with pruple and red alteration.
198.13	200.25	2.12	BXA	Grey to Black breccia with trace pyrite.
200.25	206.61	6.36	GRD	Primarily propylitic altered GRD with carb onate veini
206.61	219.07	12.46	GRD	Moderate phyllic GRD with zones of propylitic and cla
219.07	252.07	33	GRD	Unaltered GRD with phyllic envelopes around veins.

SAMPLES

Numbers: K972675-K972812

Total: 134

Batch: DDH-42, B1-B4

Date Sent:

Certificate:

COMMENTS

252.07m EOH

GEOLOGY LOG

HOLE: KL-11-42

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	21.51	21.51				OVB	BN																				Overburden
21.51	37.38	15.87				GRD	GNOR		m-s			m-i															Moderate to strong phyllic altered granodiorite with minor amounts of clay and propylitic alteration. Contains moderate to intsense amounts of oxidation The intensely oxidized portions obscure the core.
								PA		m			pro	m													
			27.49	27.52	0.03	VEN	WH	BL							VN	78	2.0	1		w			w				White grey quartz carbonate vein with small blebs of galena and pyrite.
			27.68	27.71	0.03	VEN	WHTI	BL							VN	76	1.7	1					w				White tan quartz carb vein with small galena blebs.
			29.95	29.97	0.02	VEN	WH								VN	25	1.0	1									White carbonate vein.
			37.00	37.38	0.38	GRD	GNWH		ms	i																	Moderate strong phyllic altered granodiorite with white clay gouge.
37.38	38.89	1.51				MAF	RDPU					m															Red purple moderatly oxidized mafic dyke
38.89	75.12	36.23				GRD	GNGY		ms			m	pro	m													Alternating moderate strong phyllic and propylitic altered green grey granodiorite with moderate oxidation along fractures. Oxidation decreases with depth.
			41.64	41.76	0.12	GRD	GY			s										t-w							Strong clay altered and runnley grey granodiorite hosting trace to weak amounts of disseminated pyrite.
			42.10	42.15	0.05	VEN	GYMT								VN	85	4.5	1		ms	w	ms	w	Cp	m		Quartz sulphide vein containing disseminated to blebby pyrite, sphalerite galena and calcopyritye.
			42.35	42.36	0.01	VEN	BKGY								VT	60	0.6	1		ms		50					Quartz sulphide veinle
			44.45	44.49	0.04	VEN	GYWH								VN	70	4.0	1		w			w				Grey and Dark grey quartz and white carbonate vein hosting disseminated pyrite and galena.
			45.76	45.80	0.04	GRD	GYWH				s									w							
			46.15	46.18	0.03	VEN	GYBK								VN	72	1.2	1		f							
			52.56	52.58	0.02	VEN	GY								VN	85	1.1	1									
			58.53	58.66	0.13	VEN	GY								VN	80	13.0	1		t-w							
			59.53	59.59	0.06	APL	RDPK								VN	75	6.0	1									
			64.38	64.62	0.24	VEN	GY								VN	55	24.0	1		t-w							
						BXA	BKOR								VN	75	5.0	1		t							
			68.97	69.07	0.10	VEN	GYWH								VN	68	7.5	1									
			71.69	72.04	0.35	GRD	GY			i																	
			73.80	73.89	0.09	VEN	GY								VN	68	7.5	1									
75.12	84.89	9.77				MAF	GYRD			m																	
84.89	89.12	4.23				GRD	GYGN		w	i			pro	w													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			87.00	87.13	0.13	VEN	GYGN								VN	70	13.0	1									
			88.91	88.92	0.01	VEN	ORMT								VT	60	0.6	1					m				
			89.01	89.05	0.04	VEN	GYGN								VN	75	3.0	1		f	w		i				
89.12	92.52	3.40				MAF	BNTN																				Brown tan mafic dyke.
			89.18	89.31	0.13	GRD	GYGN		m																		Moderatly phyillic altered green granodiorite and grey clay gouge.
			92.44	92.47	0.03	VEN	WH								VN	52	2.4	1									White carbonate vein
92.52	96.71	4.19				GRD	GYGN		m				pro	m													Moderatly phyllic and propylitic altered granodiorite containing a high abundance of clay gouge.
			94.68	94.82	0.14	MAF	GNGY			m					DK	80	14.0	1									Grey green moderatly clay altered mafic dyke
			94.82	94.93	0.11	VEN	GYW	NE							VN												Grey quartz vein that has a net of white carbonate stringers.
96.71	108.81	12.10				GRD	GYGN		m-s	m			pot	m													Primarily moderate to strong phyllic altered granodiorite with patches of white clay and pink potassic alteration as well asphyllic overprinted clay alteration.
			98.90	98.91	0.01	VEN	LTOR	BL							VN	80	0.9	1		w							Light orange carbonate vein hosting small pyrite blebs.
			99.36	99.37	0.01	VEN	DKGY								VT	50	0.3	1		t							Dark grey gouge veinlet hosting trace amounts of disseminated pyrite.
			100.67	100.74	0.07	VEN	WH								VN	70	7.5	1									White and light orange carbonate vein
			107.32	107.44	0.12	VEN	GNBK								VN	?	?	1		w-m							Apeears to be a grey and black qiuartz sulphide vein hosting weak to moderate amounts of disseminated pyrite. Interval is extremely broken up and rubbly.
			108.34	108.86	0.52	GRD	GYGN																				Grey green clay gouge
108.81	111.09	2.28				GRD	GNGY			ms	i		pro	ms													Alternating moderate strong propylitic and clay altered granodiorite that has been intensely flooded.
			108.82	109.12	0.30	VEN	GY								VN	67	30.0	1		t							Grey and dark grey quartz vein hosting trace amounts of pyrite and has 5cm of grey clay gouge in the center.
			100.15	110.79	10.64	VEN	LTGY								VN	71	14.0	1									Light grey quartz vein.
111.09	134.14	23.05				GRD	GN		m-s	ms			pro	ms													Primarily moderate strong phyllic altered granodiorite with patches of moderate strong propylitic alteration. Somne portions of the clay alterations have been overprinted by phyllic alteration
													pot	ms													
			111.44	111.48	0.04	BXA	DKGY			m										w							Moderatly clay altered dark grey breccia

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			118.76	118.85	0.09	VEN	WHGY								VN	60	8.0	1		w								Grey/ dark grey quartz and white carbonate veir with weak amounts of disseminated pyrite.
			122.02	122.64	0.62	GRD	GYGN		m		i									t-w								Grey green clay gouge with a few patches of moderate phyllic altered granodiorite.
			123.50	123.59	0.09	VEN	DKGY								VT	21	0.4	2		f								Two dark grey quartz pyrite veinlets
			126.16	126.29	0.13	GRD	LTGY				i																	Light grey clay goude.
			126.94	127.29	0.35	GRD	GYGN		m		i																	Moderatly phyllic altered granodiorite and clay gouge.
			127.39	127.44	0.05	VEN	GYWH													t			t					Grey white quartz carbonate vein hosting trace amounts of pyrite and galena.
			127.51	127.58	0.07	VEN	GYBK													t								Grey, white and black qurartz carbonate and sulphide vein with trace amounts of pyrite and galena.
			128.78	128.82	0.04	VEN	GYWH													w								Grey white quartz carbonate vein hosting waek amounts of disseminated pyrite.
			129.07	129.17	0.10	GRD	MDGY																					Moderate to dark grey clay gouge
133.14	143.92	10.78				GRD	GYGN						pro	w-m														Weak to moderate propylitic altered granodiorite with an abundance of veinlets and stringer.
															VT	60	0.2	1-5										
															ST	60		1-6										
			135.76	136.04	0.28	GRD	GNG	EN	ms																			Moderate strong phylloic envelope around a white carbonate vein.
															VN	76	1.4	1										
			137.01	137.07	0.06	GRD	LTGN			i																		Intensely clay altered light green veir
															VN	40	3.0	1										
			137.01	138.63	1.62	GRD	GNPK		ms	ms			pot	ms														Alternating patchesof moderate strong phyllic, clay and potassic alteration with an abundance of carbonate veinlets and stringers.
															VT	60		1-5										
															ST	60		1-3										
			141.75	142.18	0.43	GRD	RDPU						hem	i														Red purple intensely hematite stained granodiorite.
143.92	154.00	10.08				GRD	GN		ms	m																		Primarily phyllic altered granodiorite with patches of phyllic overprinted clay alteration.
			144.88	144.91	0.03	VEN	WHGY								VN	73	2.5	1		w								Quartz carbonate vein with weak amounts of disseminated pyrite.
			145.57	145.78	0.21	GRD	RDPU						hem	i														Intensely hematite stained red purple granodiorite.
154.00	156.84	2.84				GRD	PKGN		m	m			pot	s														Alternating moderate phyllic and moderate potassic alterations with small patches of moderate clay alteration.
			155.68	155.70	0.02	VEN	WH								VT	70	0.8	1					t	To	w			Whte carbonate veinlet with trace amounts of disseminated galena and weak amounts of disseminate tourmaline.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
156.84	160.00	3.16				GRD	GY			ms			pro	m													Alternating moderate strong clay and moderate propylitic alternation with patches of clay gouge.
			157.40	157.55	0.15	VEN	GYPU								VN	55	15.0	1									Grey purple quartz vein
			157.70	157.76	0.06	VEN	DKPU								VN	80	5.1	1									Dark purple fractured quartz vein
			159.15	159.17	0.02	VEN	WH								VN	50	1.7	1									White carbonate vein.
160.00	164.78	4.78				GRD	GY			i																	Grey clay gouge
			160.98	162.92	1.94	GRD	RD			i			hem	ms-i													Moderate strong to intense hematite stained red clay gouge.
164.78	172.15	7.37				GRD	WHPK			ms			pot	ms													Alternating moderate strong potassic and clay alterations with patches of grey clay gouge.
			165.63	165.66	0.03	GRD	GYBK	NE	ms																		Net of black stringers in m oderate strong phyllic altered green granodiorite.
			167.10	167.12	0.02	VEN	WHGY								VN	81	1.1	1									White carbonate and a grey dar gey quartz vein
			168.82	169.53	0.71	GRD	GYGN		m	i																	Abundant grey clay gouge with small amounts of moderate phyllic alteration.
			171.48	172.15	0.67	GRD	GYGN		m	i																	Abundant grey clay gouge with small amounts of moderate phyllic alteration.
172.15	198.13	25.98				FEL	LTGY			ms																	Light grey felsic dyke with large patches of purple green and red alteration.
198.13	200.25	2.12				BXA	DKGY			s										t							Grey Dark grey breccia with a few patches of strong clay alteration. Contains trace amounts of disseminated pyrite.
			198.23	198.26	0.03	BXA	BKTN	BX							VN												Breccia with a tan carbonate and black matrix and grey quartz clasts.
200.25	201.70	1.45				GRD	GNWH			m			pro	m													Intermixed moderate propylitic, potassic and c lay alterations.
													pot	m													
													pro	w													
201.70	206.61	4.91				GRD	MDGY																				Weakly propylitic grey and dark green altered granodiorite. 2cm-8cm phyllic envelopes around quartz carbonate veinlets are abundant throughout the interval.
								EN		w-ms					VT	60	0.3	1-4									
206.61	219.07	12.46				GRD	GN		m-s	m			pro	m													Moderate to strong phyllic altered granodiorite with patches of moderate clay and propylitic alteration. Contains an abundance of carbonate veinlets and stringers.
															VT	60	0.1	1-7									
															ST	60		1-5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			206.93	206.99	0.06	VEN	GYBK								VN	85	4.5	1		t								Grey black quartz carbonate vein with brecciated black clast s and trace amounts of disseminated pyrite.
			209.45	209.73	0.28	GRD	RD						hem	s														Strongly hematite stained red granodiorite
			210.61	210.63	0.02	VEN	GYGN				i																	Grey green clay gouge
			212.40	212.45	0.05	BXA	BK								VN	60	5.0	1		t								Black breccia vein with trace amounts of disseminated pyrite.
			212.45	212.84	0.39	GRD	GY	NE			s																	Grey strongly silica flodded granodiorite with an abundance of b lack stringers and veinlets that form a net texture in places.
															VN	35	0.1	5										
			213.22	213.24	0.02	VEN	WHGN								VN	60	1.5	1										Green white quartz carbonate vein
			217.19	217.31	0.12	VEN	RDGN								VN	75	12.0	1										Intermixed green quartz and red mafic dyke vein
219.07	252.07	33.00				GRD	MDGY						pro	w														Primarily medium medium grey unaltered granodiorite with patches of weak propylitic alteration.
			222.21	223.46	1.25	GRD	LTGN	EN	ms						VN	30	1.0	1										Light green moderate strong phyllic envelope around two quartz carbonate veins located at the start and end of the interval.
															VN	88	1.5	1										
			225.52	226.34	0.82	GRD	LTGN		ms																			Light green moderate strong phyllic altered granodiorite.
			226.84	227.14	0.30	GRD	LTGN	EN	ms																			Light green moderate strong phyllic envelope around a white grey quartz carbonate vein.
															VN	50	1.2	1										
			232.01	232.53	0.52	GRD	LTGN	EN	ms																			Light green moderate strong phyllic envelope around a grey quartz vein that contains small blebs of a moderatly hard pink mineral.
															VN	65	2.2	1										
			233.19	234.94	1.75	GRD	LTGN		ms				pro	w														Light green mderate strong phyllic altered granodiorite with small patches of weak propylitic alteration. Contains multiple carbonate veinlets and stringers.
															VT	80	0.3	1-3										
															ST	70		1-4										
			243.67	249.10	5.43	GRD	GNGY		ms																			Primarily moderate strong phyllic altered granodiorite with patches of medium grey unalterd granodiorite.
															VT	70	0.1	1-4										Contains multiple carbonate veinlets and stringlers..
															ST	75		1-3										
252.07	EOH																											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-42

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	18.28	18.28		0		0		HW		OVB
18.28	20.42	2.14	1.12	52	0.00	0	MS	HW		
20.42	23.47	3.05	2.51	82	0.21	7	MS	SW		
23.47	26.52	3.05	2.12	70	0.40	13	MS	SW		
26.52	29.57	3.05	2.13	70	0.22	7	MS	SW		
29.57	32.61	3.04	2.72	89	0.23	8	MS	SW		
32.61	35.60	2.99	1.80	60	0.21	7	MS	FR		
35.60	38.71	3.11	2.78	89	0.60	19	MS	FR		
38.71	41.76	3.05	2.26	74	0.43	14	MS	FR		
41.76	44.81	3.05	2.50	82	0.59	19	MS	FR		
44.81	47.85	3.04	2.76	91	0.34	11	MS	FR		
47.85	50.90	3.05	2.88	94	0.82	27	MS	FR		
50.90	53.95	3.05	2.95	97	0.67	22	MS	FR		
53.95	57.00	3.05	2.81	92	0.81	27	MS	FR		
57.00	60.05	3.05	2.94	96	0.74	24	MS	FR		
60.05	63.09	3.04	2.98	98	0.88	29	MS	FR		
63.09	66.14	3.05	2.71	89	0.43	14	MS	FR		
66.14	69.19	3.05	2.80	92	1.02	33	MS	FR		
69.19	72.29	3.10	3.08	99	1.04	34	MS	FR		
72.29	75.29	3.00	2.95	98	0.27	9	MS	FR		
75.29	78.33	3.04	2.64	87	0.17	6	MS	FR		
78.33	81.38	3.05	2.70	89	0.20	7	MS	FR		
81.38	84.43	3.05	2.65	87	0.38	12	MS	FR		
84.43	87.48	3.05	2.50	82	0.24	8	MS	FR		
87.48	90.53	3.05	2.90	95	0.58	19	MS	FR		
90.53	93.57	3.04	2.70	89	1.28	42	MS	FR		
93.57	96.62	3.05	2.75	90	0.48	16	MS	FR		
96.62	99.67	3.05	3.08	101	0.54	18	MS	FR		
99.67	102.72	3.05	2.90	95	0.78	26	MS	FR		
102.72	105.77	3.05	3.05	100	0.93	30	MS	FR		
105.77	108.81	3.04	2.78	91	0.30	10	MS	FR		
108.81	111.86	3.05	3.02	99	1.40	46	MS	FR		
111.86	114.91	3.05	2.93	96	1.24	41	MS	FR		
114.91	117.96	3.05	2.67	88	0.50	16	MS	FR		
117.96	121.01	3.05	2.98	98	0.64	21	MS	FR		
121.01	124.05	3.04	2.92	96	1.12	37	MS	FR		
124.05	127.10	3.05	2.98	98	0.87	29	W	FR		
127.10	130.15	3.05	3.03	99	0.81	27	MS	FR		
130.15	133.20	3.05	3.03	99	0.66	22	MS	FR		
133.20	136.25	3.05	2.97	97	0.74	24	MS	FR		
136.25	139.29	3.04	3.01	99	0.12	4	MS	FR		
139.29	142.34	3.05	2.86	94	0.75	25	MS	FR		
142.34	145.39	3.05	2.89	95	0.28	9	MS	FR		
145.39	148.44	3.05	2.90	95	0.63	21	MS	FR		
148.44	151.49	3.05	3.16	104	1.44	47	MS	FR		
151.49	154.43	2.94	2.87	98	0.83	28	MS	FR		
154.43	157.58	3.15	2.67	85	0.85	27	MS	FR		
157.58	160.63	3.05	2.98	98	0.57	19	MS	FR		
160.63	163.68	3.05	2.42	79	0.00	0	MS	FR		
163.68	166.73	3.05	2.80	92	0.63	21	MS	FR		
166.73	169.77	3.04	2.56	84	0.00	0	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
169.77	172.82	3.05	2.80	92	0.35	11	MS	FR		
172.82	175.87	3.05	2.78	91	0.99	32	W	FR		
175.87	178.92	3.05	2.95	97	1.10	36	W	FR		
178.92	181.97	3.05	2.97	97	1.61	53	W	FR		
181.97	185.01	3.04	3.01	99	1.88	62	W	FR		
185.01	188.06	3.05	3.00	98	2.02	66	W	FR		
188.06	191.11	3.05	2.98	98	1.33	44	W	FR		
191.11	194.16	3.05	3.02	99	1.66	54	W	FR		
194.16	197.21	3.05	3.02	99	2.03	67	W	FR		
197.21	200.25	3.04	2.96	97	1.06	35	W	FR		
200.25	203.30	3.05	3.03	99	1.72	56	W	FR		
203.30	206.35	3.05	3.08	101	2.46	81	MS	FR		
206.35	209.40	3.05	3.06	100	1.91	63	MS	FR		
209.40	212.45	3.05	3.04	100	1.11	36	MS	FR		
212.45	215.49	3.04	2.78	91	0.62	20	MS	FR		
215.49	218.54	3.05	2.73	90	1.11	36	MS	FR		
218.54	221.59	3.05	3.12	102	2.47	81	MS	FR		
221.59	224.64	3.05	3.01	99	2.01	66	MS	FR		
224.64	227.69	3.05	3.06	100	1.80	59	MS	FR		
227.69	230.73	3.04	3.01	99	2.12	70	MS	FR		
230.73	233.78	3.05	3.11	102	1.84	60	MS	FR		
233.78	236.83	3.05	3.01	99	1.34	44	MS	FR		
236.83	239.88	3.05	3.04	100	2.31	76	MS	FR		
239.88	242.93	3.05	3.07	101	1.88	62	MS	FR		
242.93	245.97	3.04	3.02	99	1.76	58	MS	FR		
245.97	249.02	3.05	3.04	100	1.95	64	MS	FR		
249.02	252.07	3.05	3.01	99	2.29	75	MS	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-42

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	18.29	18.29	2.82	15	K972675	1					
18.29	21.51	3.22	2.50	78	K972676	1					
21.51	23.47	1.96	1.50	77	K972677	1					
23.47	26.52	3.05	2.42	79	K972678	1					
26.52	28.33	1.81	0.78	43	K972679	1					
28.33	29.33	1.00	0.77	77	K972680	1					
29.33	32.61	3.28	3.15	96	K972681	1					
32.61	35.66	3.05	1.98	65	K972682	1					
35.66	37.38	1.72	1.63	95	K972683	1					
37.38	38.89	1.51	1.52	101	K972684	1					
					K972685	1					Standard PL-2
38.89	41.63	2.74	1.98	72	K972686	1					
41.63	42.51	0.88	0.93	106	K972687	1					
					K972688	1					Blank
42.51	44.42	1.91	1.57	82	K972689	1					
44.42	46.20	1.78	1.87	105	K972690	1					
46.20	47.85	1.65	1.66	101	K972691	1					
47.85	50.90	3.05	2.93	96	K972692	1					
50.90	52.74	1.84	1.94	105	K972693	1					
52.74	55.86	3.12	2.98	96	K972694	1					
					K972695	1					Standard CDN-ME-16
55.86	58.53	2.67	2.62	98	K972696	1					
58.53	59.59	1.06	1.14	108	K972697	1					
59.59	63.00	3.41	3.45	101	K972698	1					
63.00	64.30	1.30	1.25	96	K972699	1					
64.30	65.30	1.00	1.00	100	K972700	1					
					K972701	1					Blank
65.30	67.55	2.25	2.20	98	K972702	1					
67.55	69.19	1.64	1.52	93	K972703	1					
69.19	71.00	1.81	1.77	98	K972704	1					
71.00	72.04	1.04	1.04	100	K972705	1					
72.04	73.75	1.71	1.60	94	K972706	1					
73.75	75.12	1.37	1.41	103	K972707	1					
					K972708	1					Duplicate
75.12	78.33	3.21	2.55	79	K972709	1					
78.33	81.38	3.05	2.90	95	K972710	1					
81.38	82.98	1.60	1.55	97	K972711	2					
82.98	84.89	1.91	1.73	91	K972712	2					
84.89	86.80	1.91	1.34	70	K972713	2					
86.80	88.33	1.53	1.35	88	K972714	2					
88.33	89.33	1.00	1.02	102	K972715	2					
					K972716	2					Blank
89.33	90.53	1.20	1.15	96	K972717	2					
90.53	92.52	1.99	1.73	87	K972718	2					
92.52	93.57	1.05	1.00	95	K972719	2					
93.57	94.82	1.25	1.16	93	K972720	2					
94.82	96.62	1.80	1.51	84	K972721	2					
96.62	98.67	2.05	2.10	102	K972722	2					
					K972723	2					Standard PL-2
98.67	99.67	1.00	0.98	98	K972724	2					
99.67	100.79	1.12	1.13	101	K972725	2					
100.79	102.72	1.93	1.83	95	K972726	2					
					K972727	2					Duplicate
102.72	105.77	3.05	3.03	99	K972728	2					
105.77	107.25	1.48	1.23	83	K972729	2					
107.25	108.34	1.09	1.09	100	K972730	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
108.34	109.12	0.78	0.79	101	K972731	2					
					K972732	2					Blank
109.12	110.19	1.07	1.02	95	K972733	2					
110.19	111.75	1.56	1.67	107	K972734	2					
111.75	114.91	3.16	3.03	96	K972735	2					
114.91	117.96	3.05	2.92	96	K972736	2					
117.96	119.25	1.29	1.32	102	K972737	2					
119.25	121.65	2.40	2.41	100	K972738	2					
121.65	122.65	1.00	1.01	101	K972739	2					
122.65	123.70	1.05	0.98	93	K972740	2					
123.70	126.16	2.46	2.41	98	K972741	2					
126.16	127.62	1.46	1.49	102	K972742	2					
127.62	128.72	1.10	1.13	103	K972743	2					
128.72	129.72	1.00	0.85	85	K972744	2					
					K972745	2					Standard PL-2
129.72	133.16	3.44	3.45	100	K972746	2					
133.16	134.16	1.00	1.02	102	K972747	3					
134.16	135.76	1.60	1.52	95	K972748	3					
135.76	136.94	1.18	1.27	108	K972749	3					
136.94	138.63	1.69	1.68	99	K972750	3					
138.63	140.00	1.37	1.41	103	K972751	3					
					K972752	3					Standard CDN-ME-16
140.00	141.78	1.78	1.64	92	K972753	3					
141.78	142.78	1.00	1.00	100	K972754	3					
142.78	143.92	1.14	1.10	96	K972755	3					
143.92	145.39	1.47	1.43	97	K972756	3					
145.39	146.39	1.00	1.01	101	K972757	3					
146.39	148.44	2.05	1.93	94	K972758	3					
148.44	150.42	1.98	2.01	102	K972759	3					
					K972760	3					Duplicate
150.42	154.00	3.58	3.54	99	K972761	3					
154.00	155.81	1.81	1.98	109	K972762	3					
155.81	157.30	1.49	1.03	69	K972763	3					
157.30	158.30	1.00	1.00	100	K972764	3					
158.30	160.00	1.70	1.72	101	K972765	3					
160.00	161.00	1.00	0.99	99	K972766	3					
161.00	162.92	1.92	1.54	80	K972767	3					
162.92	164.78	1.86	1.88	101	K972768	3					
164.78	166.73	1.95	1.75	90	K972769	3					
166.73	168.44	1.71	1.51	88	K972770	3					
168.44	170.11	1.67	1.73	104	K972771	3					
170.11	172.15	2.04	1.74	85	K972772	3					
172.15	175.87	3.72	3.63	98	K972773	3					
175.87	178.92	3.05	3.12	102	K972774	3					
					K972775	3					Standard CDN-ME-16
178.92	181.97	3.05	3.10	102	K972776	3					
181.97	185.01	3.04	3.02	99	K972777	3					
					K972778	3					Blank
185.01	188.06	3.05	3.01	99	K972779	3					
188.06	191.11	3.05	3.10	102	K972780	3					
191.11	194.16	3.05	3.01	99	K972781	3					
					K972782	3					Blank
194.16	198.13	3.97	3.97	100	K972783	4					
198.13	200.25	2.12	2.10	99	K972784	4					
					K972785	4					Blank
200.25	201.70	1.45	1.46	101	K972786	4					
201.70	203.30	1.60	1.59	99	K972787	4					
203.30	206.93	3.63	3.63	100	K972788	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
206.93	207.95	1.02	1.03	101	K972789	4					
207.95	209.40	1.45	1.50	103	K972790	4					
209.40	212.35	2.95	2.98	101	K972791	4					
					K972792	4					Standard PL-2
212.35	213.29	0.94	0.94	100	K972793	4					
213.29	213.90	0.61	0.65	107	K972794	4					
213.90	214.90	1.00	1.00	100	K972795	4					
214.90	217.38	2.48	2.28	92	K972796	4					
					K972797	4					Blank
217.38	219.07	1.69	1.65	98	K972798	4					
219.07	222.71	3.64	3.73	102	K972799	4					
222.71	223.71	1.00	1.00	100	K972800	4					
223.71	225.52	1.81	1.77	98	K972801	4					
225.52	227.14	1.62	1.68	104	K972802	4					
227.14	230.73	3.59	3.61	101	K972803	4					
					K972804	4					Standard CDN-ME-16
230.73	233.19	2.46	2.55	104	K972805	4					
233.19	234.94	1.75	1.74	99	K972806	4					
234.94	236.83	1.89	1.83	97	K972807	4					
236.83	239.88	3.05	3.08	101	K972808	4					
239.88	243.67	3.79	3.82	101	K972809	4					
243.67	245.97	2.30	2.26	98	K972810	4					
245.97	249.10	3.13	3.10	99	K972811	4					
249.10	252.07	2.97	2.93	99	K972812	4					
											EOH

DENSITY LOG

Hole: **KL-11-42**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
187.58	FEL	POR								10.068	4.177	354.7	215.8		2.57	2.55
206.46	GRD		pro	f						9.568	4.198	358.3	225.4		2.71	2.70
206.69	GRD		phyllic	m						10.042	4.203	373.2	235		2.68	2.70

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-42

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00			0.42	
2.00			2.194	
3.00			1.26	
4.00			0.114	
5.00			0.744	
6.00			0.694	
7.00			0.305	
8.00			0.132	
9.00			0.087	
10.00			0.116	
11.00			0.295	
12.00			0.297	
13.00			1.472	
14.00			0.29	
15.00			0.216	
16.00			0.101	
17.00			0.406	
18.00			0.597	
19.00			0.242	
20.00			0.097	
21.00			0.141	
22.00			0.111	
23.00			0.124	
24.00			0.453	
25.00			0.105	
26.00			0.814	
27.00			0.125	
28.00			0.16	
29.00			0.186	
30.00			0.124	
31.00			0.23	
32.00			0.491	
33.00			1.375	
34.00			0.754	
35.00			0.352	
36.00			0.14	
37.00			0.434	
38.00			0.651	
39.00			0.149	
40.00			0.865	
41.00			1.107	
42.00			0.136	
43.00			0.101	
44.00			0.097	
45.00			0.534	
46.00				
47.00				
48.00				
49.00				
50.00				

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00				
52.00				
53.00				
54.00				
55.00				
56.00				
57.00				
58.00				
59.00				
60.00				
61.00				
62.00				
63.00				
64.00				
65.00				
66.00				
67.00				
68.00				
69.00			0.943	
70.00			0.25	
71.00			0.247	
72.00			0.321	
73.00			0.141	
74.00			2.501	
75.00			1.253	
76.00			2.867	
77.00			0.217	
78.00			0.174	
79.00			0.232	
80.00			0.17	
81.00			0.131	
82.00			2.148	
83.00			0.587	
84.00			0.132	
85.00			0.189	
86.00			0.175	
87.00			0.139	
88.00			0.725	
89.00			0.423	
90.00			0.218	
91.00			0.193	
92.00			1.185	
93.00			0.464	
94.00			2.163	
95.00			2.696	
96.00			2.235	
97.00			0.555	
98.00			0.336	
99.00			0.307	
100.00			1.063	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.532	
102.00			0.328	
103.00			0.623	
104.00			0.317	
105.00			1.97	
106.00			0.159	
107.00			0.234	
108.00			2.426	
109.00			0.14	
110.00			1.399	
111.00			0.501	
112.00			0.337	
113.00			0.283	
114.00			0.22	
115.00			0.168	
116.00			0.47	
117.00			0.44	
118.00			0.294	
119.00			0.351	
120.00			0.375	
121.00			0.314	
122.00			0.617	
123.00			0.472	
124.00			0.284	
125.00			0.386	
126.00			0.22	
127.00			0.223	
128.00			0.977	
129.00			0.469	
130.00			0.649	
131.00			0.258	
132.00			0.389	
133.00			0.524	
134.00			0.575	
135.00			3.151	
136.00			0.296	
137.00			4.984	
138.00			0.441	
139.00			9.118	
140.00			7.191	
141.00			15.71	
142.00			3.826	
143.00			0.333	
144.00			4.398	
145.00			0.315	
146.00			0.45	
147.00			0.327	
148.00			0.335	
149.00			0.455	
150.00			0.397	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.368	
152.00			0.243	
153.00			0.165	
154.00			0.409	
155.00			0.414	
156.00			0.374	
157.00				
158.00				
159.00			0.29	
160.00			0.29	
161.00				
162.00				
163.00				
164.00			0.674	
165.00			0.335	
166.00			0.334	
167.00			0.419	
168.00			0.486	
169.00				
170.00			0.245	
171.00			0.448	
172.00			0.321	dyke
173.00			0.325	dyke
174.00			0.165	dyke
175.00			0.186	dyke
176.00			0.205	dyke
177.00			0.176	dyke
178.00			0.233	dyke
179.00			0.177	dyke
180.00			0.157	dyke
181.00			0.157	dyke
182.00			0.168	dyke
183.00			0.135	dyke
184.00			0.295	dyke
185.00			0.238	dyke
186.00			0.38	dyke
187.00			0.25	dyke
188.00			0.271	dyke
189.00			0.188	dyke
190.00			0.309	dyke
191.00			0.17	dyke
192.00			0.168	dyke
193.00			0.205	dyke
194.00			0.185	dyke
195.00			0.205	dyke
196.00			0.282	dyke
197.00			0.153	dyke
198.00			0.347	dyke
199.00			0.208	
200.00			0.313	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.323	
202.00			0.36	
203.00			0.491	
204.00			0.33	
205.00			0.374	
206.00			2.538	
207.00			0.426	
208.00			0.285	
209.00			0.303	
210.00			0.15	
211.00			0.54	
212.00			0.751	
213.00			0.271	
214.00			0.223	
215.00			0.985	
216.00			2.483	
217.00			6.919	
218.00			0.577	
219.00			10.09	
220.00			12.91	
221.00			14.37	
222.00			16.62	
223.00			0.547	
224.00			12.14	
225.00			6.896	
226.00			0.398	
227.00			0.473	
228.00			0.559	
229.00			11.58	
230.00			6.43	
231.00			1.098	
232.00			3.958	
233.00			0.844	
234.00			0.381	
235.00			11.78	
236.00			14.1	
237.00			13.98	
238.00			11.7	
239.00			13.71	
240.00			0.385	
241.00			7.556	
242.00			15.79	
243.00			5.23	
244.00			1.313	
245.00			0.25	
246.00			0.314	
247.00			0.355	
248.00			0.252	
249.00			0.256	
250.00			20.16	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			18.72	
252.00			16.34	
EOH				

BOX LOG

HOLE: KL-11-42

BOX	FROM (m)	TO (m)
1	0.00	20.43
2	20.43	26.91
3	26.91	32.92
4	32.92	39.33
5	39.33	45.37
6	45.37	50.61
7	50.61	55.86
8	55.86	61.18
9	61.18	66.47
10	66.47	72.04
11	72.04	77.55
12	77.55	82.98
13	82.98	88.33
14	88.33	94.20
15	94.20	99.84
16	99.84	105.35
17	105.35	110.92
18	110.92	116.41
19	116.41	121.93
20	121.93	127.75
21	127.75	133.39
22	133.39	139.07
23	139.07	144.84
24	144.84	150.42
25	150.42	155.81
26	155.81	161.06
27	161.06	166.73
28	166.73	172.45
29	172.45	178.13
30	178.13	183.68
31	183.68	189.47
32	189.47	195.21
33	195.21	200.85
34	200.85	206.35
35	206.35	211.82
36	211.82	216.73
37	216.73	222.21
38	222.21	227.69
39	227.69	233.27
40	233.27	239.04
41	239.04	244.68
42	244.68	250.12
43	250.12	252.07
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382907.17	6890120.3	1369.1	273.41

SECTION:

HOLE: KL-11-43

CLAIM:

Contractor: Strike Diamond Drilling

Drill:

Core size: HQ (273.41m / EOH)

Casing depth: 2.44 (m) in / **out**

Drilling dates: July 20 - 24, 2011

Geology logged by: X Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
No other surveys completed							

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.44	2.44	CAS	Casing; overburden
2.44	79.90	77.46	GRD	w-m propylitic alteration with infrequent Qz/Ch veining
79.90	117.73	37.83	GRD	Patchy alteration, majority w-m phyllic
117.73	135.55	17.82	GRD	m-s phyllic alteration with frequent Ch and Qz veining
135.55	153.61	18.06	GRD	Weak to mod propylitic altered GRD with Cb veining
153.61	160.90	7.29	FEL	Quartz-feldspar porphyry dyke
160.90	165.08	4.18	GRD	Phyllic and sericitic alteration
165.08	168.52	3.44	FEL	Quartz-feldspar porphyry dyke
168.52	169.35	0.83	GRD	Phyllic alteration
169.35	175.26	5.91	FEL	Quartz-feldspar porphyry dyke
175.26	176.62	1.36	GRD	Phyllic altered GRD with mineralized Qz veining
176.62	184.31	7.69	FEL	Quartz-feldspar porphyry dyke
184.31	226.41	42.10	GRD	Phyllic alt. with patches of propy and sericitic alt. GRD
226.41	259.41	33.00	GRD	Weak to mod propylitic altered GRD with Cb veining
259.41	260.55	1.14	FEL	Quartz-feldspar porphyry dyke
260.55	267	6.45	GRD	Patchy alteration, propylitic=arg=phyllic
267	273.41	6.41	GRD	Relatively unaltered GRD

SAMPLES

Numbers: K270466 - K270500, K269001 - K269117

Total: 152

Batch: DDH-43 B1-B5

Date Sent:

Certificate:

COMMENTS

EOH 273.41m

GEOLOGY LOG

HOLE: KL-11-43

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	2.44					CAS																					Casing; overburden, ~1m recover
2.44	79.90					GRD	GRG\	MG					pro	wm													Weak to mod propylitic altered granodiorite (GRD) with 3-12cm rounded dark green xenoliths-intrusive igneous origin. Crosscut by shallow dark green veinlets (<1/m) and steep white Qz/Cb veinlets (1/m). Patches of alteration
			3.50	4.00		GRD	ORBI	FX	wm			s			VT	60	0	1						Cb			Fractured, often crumbled, strong pervasive oxidized phyllic altered GRD. Crosscut by calcite veinlet
								CR																			
			5.56	6.36		GRD	ORW	MG				s	arg m														Mod argillic, strong pervasive altered GRI
			8.23			CAV																					Caving for 60cm
			19.02	20.28		GRD	LTGR	EN	m			m															Moderate phyllic altered GRD oxidation in fractures enveloping grey/white translucent Qz vein and white Ch/Cb vein described below
			19.33	19.35		VEN	GYM	BL							VN	70	2			w		m					Grey/white Qz vein with blebs of honey brown Sp, and blebs of Py
			19.39	19.40		VEN	WHPI	BN							VN	70	1										White/pink banded Ch vein
			19.96	20.00		VEN	WH	BN							VN	80	3							Qz/Cb			White Ch vein filled with minor white Cb
			21.17	25.25		GRD	GYGI	MG				w	Ser	m						w				To	w		Light grey (silvery) green, sericitic altered GRD with radiating, fine grained tourmaline, and diss Py. Euhedral silver sericite-replacing Bt? Oxidation in fractures. Infrequent white milky Qz veinlets
							SI																				
			22.48	22.50		VEN	WHO	BN							VN	65	2			t							White, banded Ch vein, oxidized to orange. Trace diss Py adjacent
			24.94	24.99		VEN	DKG\	BX							VN	65				w			w				Smoky Qz vein with minor breccia components. Diss to blebs of Py and Gn
								BN																			
			26.45	27.79		GRD	LTGR	MG	w																		Light green, phyllic altered GRD with shallow white Cb veinelts, oxidized
															VT	0-15	<1										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			28.44	32.12		GRD	LTGR	MG	wm						VT	90	<1	4		w								Light green phyllic altered GRD with frequent white Ch veinlets, minor vugs. Pervasive diss Py
			30.45	30.53		VEN	GRW	BN							VN	50												White/orange stained Ch vein with minor vugs. Up hole vein is brecciated, quartz rich. Minor diss Py
								BX																				
			30.72	30.75		VEN	GYW	BL							VN	60				f			f					Grey/white Qz vein hosting blebs of Py and Gr
			35.35	38.88		GRD	LTGR	EN	wm						VT	70	0.5-1	5		t								Weak-mod phyllic altered GRD enveloping Qz veins; veinlets are grey/white Qz Cb hosting diss Py
			35.78	35.79		VEN	GYM	BL							VN	85				30								White/grey translucent Qz hosting blebs of Py
			36.06	36.09		VEN	GYM	BL							VN	85				60			f	Ch	f			Grey translucent Qz hosting blebs of Py>>Gn=Ch. Ch is milky, off white
			38.74	38.78		VEN	BKM	DI							VN	60				30			t					Smoky Qz vein hosting diss Py and trace Gr
			42.92	43.53		GRD	LTGR	EN	wm						VT	70	0.5-1	5		t								Weak-mod phyllic altered GRD enveloping Qz veins; veinlets are grey/white Qz Cb hosting diss Py
			48.77	50.91		GRD	LTGR	EN	wm						VT	70	0.5-1	5		t								Weak-mod phyllic altered GRD enveloping Qz veins; veinlets are grey/white Qz Cb hosting diss Gn<Py and white/pink Ch veinlet hosting diss Py=Gn
			50.36	50.40		VEN	GYM	BL							VN	60	1			20		w	w					Smoky Qz vein hosting blebs of Py>>Gn=Sp
			50.20	50.66		GRD	LTGR	EN	wm						VT	75	<1	3		w			w					Weak/mod phyllic altered GRD enveloping a grey/white Qz vein, netted/brecciated with off white/orange stained chalcedony. Trace Gn and Py
			63.00	64.03		GRD	LTGR	EN	wm											t								Weak/moderate phyllic altered GRD enveloping a grey/white Qz vein, netted/brecciated with off white/orange stained chalcedony. Trace Gn and Py
			64.03	67.75		GRD	GRG	MG					arg	w														Weak argillic altered GRD
							LTMD																					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			70.94	72.15		GRD	LTGR	EN	wm											t?							Light, epidote green phyllic altered GRD-overprinting propylitic? Enveloping a vein:
			71.18	71.31		VEN	GYW	NT							VN	80				f			t				Netted, off-white, minor vuggy, chalcedony crosscutting and brecciating smoky Qz. Smoky Qz hosts diss Py and Gn. Py>Gn
								BX																			
			74.09	75.37		GRD	LTGR	EN	wm											t							Light, epidote green phyllic altered GRD-overprinting propylitic? Enveloping a vein:
			74.93	75.10		VEN	WHG	NT							VN	75				m							White/pink banded, netted, chalcedony crosscutting grey/white Qz which hosts very fine grained dusty diss Py
								BX																			
			77.68	78.17		GRD	WHG	MG					arg	m													Moderate argillic alt GRD
			78.29	78.63		GRD	LTGR	EN	wm											t							Weak to moderate phyllic altered GRD enveloping a vein:
			78.42	78.44		VEN	PKW	BN							VN	75				t							Banded pink/white chalcedony vein with grey/translucent Qz. Diss Py adjacent vein
79.90	117.73					GRD	GR	PA																			Patches of altered GRD majority phyllic with high concentrations of fractures. Alterations broken up into subintervals
			79.90	80.70		GRD	WHG	MG					arg	m													Moderate argillic altered GRD
			80.70	81.12		GRD	GRG	MG					pro	m													Moderate propylitic altered GRD
			81.12	81.40		GRD	WHG	MG					arg	m													Moderate argillic altered GRD
			81.40	82.71		GRD	GRG	MG					pro	m													Moderate propylitic altered GRD
			82.71	98.55		GRD	LTGR	MG	wm						VT	90		5		t				Ch			Weak to mod phyllic altered GRD with frequent fractures and faults, noted below. Frequent orange/white Ch veinlets
			89.44	90.53		GRD	GYG	EN	s		ms																Mod silic flooded, strong phyllic altered GRD with 13%d diss Py

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			90.00	90.59		VEN	MT	BN							VN	40				80		5					Shallow, banded smoky Qz and pink/white chalcedony vein dominated by massive bands of Py Bands of honey brown Sp also present. Pink/white ch has minor brxx texture in some places
			91.50	91.88		FLT	GY	CR							FT	45											Fractured, crumbled, faulted GRD at ~45‘
								FR																			
			94.44	95.45		FLT	GY	CR							FT	60											Fractured, crumbled, faulted GRD at ~60‘
								FR																			
			98.55	103.74		GRD	GRG\	MG					pro	wm													Weak to mod propylitic altered GRD
			103.74	105.00		GRD	GRLT	MG					arg	w													Weak argillic altered GRD enveloping a faul
			104.26	104.74		FLT	LTGY	CR		s					FT	60											Incompetent clay altered, faulted GRD
			105.00	115.00				PA			w																Patchy, but majority propylitic altered GRD. Minor patches of w-m argillic alteration. Oxidation in fractures. Minor veinlet presence
			110.06	110.07		VEN	PKWI	BN							VN	85				t							Banded, pink/white Ch veinlet with diss Py adjacent
			110.62	116.52		GRD	GROR				m																Moderate pervasive oxidized, propylitic altered GRD
			115.00	117.00		GRD	LTGR	MG	wm																		Weak/mod phyllic altered GRD
			117.00	117.73		GRD	DKGF	MG					pro	wm													Weak/mod propylitic altered GRD
117.73	135.55					GRD	LTGR	EN	ms											w							Mod/strong phyllic altered GRD hosting frequent pink/white chalcedony vein and mineralized grey/white Qz veins. Diss Py and metallic sericite more concentrated closer to veins. Veins >1cm broken into subsections
								MG																			
			118.13	118.21		VEN	GYM	BN							VN	90				s							Grey/white Qz vein with blebs of diss Py and Py stringers. 10+ Py stringers down hole for 20cm
			119.76	119.80		VEN	GYSI	DI							VN	90				w	ms						Grey/white translucent Qz vein hosting fine grained diss As and minor Py
			120.20	120.24		VEN	MT	BL							VN	80				t		30	30				Grey/white translucent Qz hosting honey brown Sp>Gn>>Py

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			120.80	120.88		VEN	BN	MA							VN	75							100				Massive, aphanitic, honey brown Sp
			121.00	122.30		VEN	PKWI	BN							VN	70				t							Pink/white banded, cordial chalcedony vein. Contains inclusions/clasts of grey Qz breccia (7%). Sulphides only exists in breccia clasts as disseminated.
								CO																			
			122.30	122.34		VEN	MT	MA							VN	70				t			90				Massive Gn veir
			122.34	122.44		VEN	GY	SH							VN	70				w							Grey, qtz, sheared breccia veins hosting diss Py. Vein orientation contains a 2 cm pink/white Ch vein, same orientation.
								BX																			
			122.76	122.79		VEN	GY	BX							VN	75				t							Grey Qz brecciated vein hosting trace Py
			122.89	123.80		GRD	GYGF	CR							FT	?				w							Faulted, crumbled GRD hosting diss Py
						FLT?																					
			123.39	123.50		VEN	GY	SH							VN	70											Grey Qz vein with a sheared margin down hole side
								MA																			
			124.35	124.39		VEN	WHPI	VU							VN	70				w							Pink/white chalcedony vein. Minor vugs, banded, cordial. Diss Py adjacent to vein
								BN																			
			124.61	124.63		VEN	PKWI	BN							VN	90				t							Pink/white chalcedony vein. Minor vugs, banded, cordial. Diss Py adjacent to vein
			125.65	125.75		VEN	PKWI	MA							VN	75			n								Pink/white chalcedony vein. Minor vugs, banded, cordial.
			126.00	126.04		VEN	PKWI	BN							VN	80			n								Pink/white chalcedony vein. Minor vugs, banded, cordial.
								CO																			
			127.55	127.67		VEN	GYM	BL							VN	90				f	ms	l					Grey/white translucent Qz vein hosting diss As>Py, blebs of honey brown Sp
								BN																			
			127.67	127.73		VEN	PKWI	BN							VN	90				t							White/pink cordial banded chalcedony veir
								CO																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			129.78	129.79		VEN	PKWI	BN							VN	75				t							Pink/white banded chalcedony vein with diss Py adjacent
			130.29	130.31		VEN	PKWI	BN							VN	75				t							Pink/white banded chalcedony vein with diss Py adjacent
			131.62	131.63		VEN	PKWI	BN							VN	75				t							Pink/white banded chalcedony vein with diss Py adjacent
			130.79	130.94		VEN	GYDI	MA							VN	65				t							Smoky Qz vein/qtz flooded GRD
			130.94	131.08		FLT	GYGI	CR							FT	65				t							Faulted, crumbled GRD
			132.15	132.24		VEN	GY	BX							VN	65				t							Massive slightly brecciated Qz veir
								MA																			
			132.61	133.00		VEN	PKWI	BN							VN	70				t							White/pink, banded, cordial chalcedony vein with inclusions of grey Qz breccia (which hosts diss Py)
								CO																			
			133.68	133.74		VEN	GYMT	BL							VN	80								An			Grey/white Qz veins, blebby with minor vugs. Orange/white Ch with anhydrite. Blebs of honey brown Sp
								BN																			
			133.93	133.96		VEN	GYMT	BL							VN	80								An			Grey/white Qz veins, blebby with minor vugs. Orange/white Ch with anhydrite. Blebs of honey brown Sp
								BN																			
			134.24	134.30		VEN	GYMT	BN							VN	85				t	w	15					Grey/white Qz hosting blebs/bands of honey brown Sp, minor Py, diss As
								BL																			
			134.66	134.74		VEN	MT	BL							VN	50				ms	w	20	3	Cp	m		Massive, blebby, crystalline sulphides make up majority of vein. Middle is pink/white vuggy vein. Blebs of honey brown Sp, blackjack Sp, Gn, Cp, Py and diss As. Minor grey/white Qz exists
								VU																			
			134.78	134.81		VEN	GYMT	DI							VN	65				20	15	20					Grey/white translucent Qz vein hosting diss Py and As and honey brown Sp
135.55	153.61					GRD	GRGY	MG					pro	wm	VT	45		2						Cb			Weak to mod propylitic altered GRD with shallow Cb veinlets. Patches of alterations noted below:

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
							DK																				
			139.74	139.94		GRD	MDGI	EN	w											t							Weak phyllic altered GRD enveloping 3 pink/white banded Ch veins. Diss Py
			141.88	146.34		GRD	WHPI	MG					arg	wm													Weak/mod argillic altered GRD
							GR																				
			142.86	143.07		FLT	GRG\	CR							FT	75											Crumbled, faulted GRD
			143.89	143.94		MAF?	BK	FG							DK	70											Aphanitic black dyke. No phenocrysts
			145.39	145.43		VEN	GY	BL							VN	75				w		w					Grey/white Qz with blebby white Qz, Py and honey brown Sp
			146.09	146.19		VEN	GY	BX							DK	90				t							grey breccia/sheared dyke with diss Py
								SH																			
			144.65	153.61		GRD	LTMD	EN	ms											w							Mod/strong phyllic altered GRD enveloping 3 large veins and very frequent Py stringers
							GR																				
			149.94	150.03		VEN	MT	MA							VN	75											Massive honey brown Sp, blebs of Gn, blebs of diss Py, and diss As with grey/white translucent Qz vein is offset by 1cm; 0° fracture
								BL							FX	0											
			150.29	150.36		VEN	BKMT	NT												f		80					Black, metallic vein slight netted/brecciated. Black component is blackjack Sp with grey/white translucent Qz 'eyes'. Diss Py
								BL																			
			150.36	151.48		GRD	GRMT	BL	ms?				ser	ms						s		f					High concentration of Py veins/blebs in sericite alteration
								VN																			
			153.13	153.25		GRD	GYMT	BL					ser	ms						ms							Grey, silvery sericitic altered GRD with smoky Qz veins and diss to blebs of Py
								VN																			
153.61						C				S					C	90											Sheared, clay altered contact between GRD and FEL PO
153.61	160.90					FEL	BG	PO							DK	90											Sheared phenocrysts at contact for 15cm. Shallow Cb veinlets. Patchy beige and med-dark green alterations
															VT	30											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
160.90	165.08					GRD	LTGR	EN	ms				ser	m													Envelope of phyllic/sericitic altered GRD in-between FEL PO dyke. Frequent Py stings @ 80-90° (5/m). Top of interval has 2 black breccia veins parallel to contact hosting diss Py and blebs
			161.30	161.32		VEN	WHG	BL							VN	85				ms							Grey/white translucent Qz veins hosting blebs of Py
165.08						C									C	90											Broken contact, swirly mixing
165.08	168.52					FEL	BGGF	PO							VT	5-45								Cb			Patchy beige/green altered FEL PO with shallow fractures Cb filled
															FX	5-45											
168.52						C									C	90											Sharp contact, bottom of FEL PO is sheared
168.52	169.35					GRD	LTGR	MG	m						VT	30								Ak			Light green, phyllic altered GRD with shallow fractures tilled with white Cb and ankerite
																								Cb			
169.35						C				s					C	80											Faulted contact
169.35	175.26					FEL	BG	PO							FX	45											Highly fractured, faulted FEL PO with white Cb filling fractures. Top 15 cm, strong clay alteration
175.26	176.62					GRD	BKGY	BX												m		w	t				Strong phyllic altered GRD crosscut by black breccia with sub angular clasts of strong phyllic altered GRD and orange clay altered FEL PO. Clasts 2mm-6cm. 40cm of interval is 3 sections of black breccia.
						BXA		BN																			
								VN																			
			175.64	175.76		VEN	MTGY	BL							VN	65				60		m					Grey/white translucent Qz hosting massive and blebs of Py with minor blebs of honey brown and blackjack Sp
			175.83	175.84		VEN	WH	BX																An			White, translucent-anhydrite?- breccia with smoky Qz 1-4mm sub angular clasts hosting diss Py (in clasts only)
			176.55	176.57		VEN	WHO	BX							VN	60											Banded ankerite and brecciated anhydrite vein with crenulated margins
								BN																			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
176.62						C									C	90											Sharp contact, FEL PO side is crumbled, faulted. GRD side is silic flooded and mineralized.
176.62	184.31					FEL	BG	PO																			Top 3 cm is highly fractured, faulted FEL PO, lower part is competent. Shallow Cb VT common in top 3m, infrequent down hole
								FX																			
			176.62	177.26		FLT	BGG\	CR																			Faulted FEL PO, crumbled
			178.30	178.67		FLT	BGG\	CR																			Faulted FEL PO, crumbled
			184.08	184.31		FEL	GROI	SH																			Sheared, minor flow banded FEL PC
184.31						C									C	90											Sharp contact @ 90°
184.31	226.14					GRD	LTGR	MG	ms															Ak			Mod/strong phyllic altered GRD with patches of propylitic and sericitic altered GRD broken into subintervals. Grey/white Qz veins hosting mineralization and orange/white netted veins-ankerite-described:
			184.68	184.78		VEN	ORW	NT							VN	75				wf							Netted orange/white Ch/Cb veins with strong phyllic altered GRD in-between. GRD hosts blebs of Py
			185.41	185.63		BXA	BKGF	BX							DK	90				w							Black breccia enveloping mixed FEL PO and GRD crosscut by ankerite veins filled with netted calcite. Black breccia with clasts of grey/white Qz vein, altered GRD with blebs of Py
								VN																			
			187.64	187.68		BXA	BK	BX							DK	70				f							Black breccia dyke hosting diss Py. Clasts are 50% containing sub angular orange FEL PO and quartz rich GRD
			190.00	190.10		VEN	GYM	BL							VN	75				40	5						Grey/white translucent Qz vein hosting massive to blebs of Py and diss As
			191.18	195.68		GRD	GYGF	EN					ser	ms	VT	0-80	<1	8+		w							Mod/strong sericitic altered GRD enveloping Qz mineralized vein described below. Bottom 2m of subinterval is pink/red stained. Frequent Py stringers and orange Ch veinlets

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			191.52	191.65		VEN	BK	BX							DK	90												Aphanitic black matrix with large 0.3-8cm sub angular clasts of strongly altered GRD hosting Py (10%). Minor vugs
			191.88	192.02		VEN	GYMT	NT							VN	90				f	t?					x	Grey/white translucent Qz dominated vein with netted/smoky veinlets feeding out from blebs. Minor bugs with Ch/Cb veinelts. Top of vein has sericitic altered GRD. Bottom of vein is sheared GRD for 0.5cm
								BL																			
								VU																			
			192.68	192.83		VEN	GYDK	BN							VN	85				f	f	w		An			Smoky Qz and anhydrite banded vein with grey/white translucent Qz hosting diss Py>As>Sp
			195.68	197.88		GRD	GRGY	MG	w				pro	wm													Moderate propylitic, weak phyllic altered GRD
			197.88	198.60		GRD	LTGR	EN	wm											t							Weak/moderate phyllic altered GRD enveloping a vein:
			198.36	198.39		VEN	GYMT	BL							VN	90				15		15					Grey/white translucent Qz vein hosting blebs of honey brown Sp and Py
			198.60	202.47		GRD	GRGY	MG					pro	wm													Weak/mod propylitic altered GRD with infrequent grey/white Qz veinlets often hosting Sp and Py
							DK																				
			202.96	203.18		VEN	MT	MA							VN	90				40	5	40				X	Massive honey brown Sp>Py>As with minor grey/white translucent Qz. As mainly exists in outer vein margins with minor vugs.
			206.03	206.87		GRD	GRGY	MG					pro	wm													Weak to mod propylitic altered GRD
			207.55	207.70		GRD	GY	VN					ser	wm	VN	90				ms							Mod sericitic altered envelope around grey translucent Qz hosting diss Py
			208.36	208.39		VEN	MT	BN							VN	90				f		40	wf				Banded, blebby mineralized grey translucent Qz vein with honey brown Sp>Py>Gn
								BL																			
			208.62	208.74		VEN	GY	VU							VN	60				t							Grey/white translucent Qz vein with off white chalcedony with minor vugs. Bottom 4 cm is sheared, crumbled fault.
			209.20	212.83		GRD	GRGY	MG					pro	wm													Weak to mod propylitic altered GRD with weak potassic overprinting

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
													pot	wm														
			215.02	215.78		GRD	GGY	MG					pro	wm														Weak to mod propylitic altered GRD with weak potassic overprinting
													pot	wm														
			219.20	221.20		GRD	GRPH	MG	wm						VT	85		3		t								Moderate phyllic altered GRD with slight hematite? Pervasive staining. White Ch veinlets with Py strings adjacent to veins.
			221.90	221.95		VEN	WHG	BX							VN	?				T			t					Drill bit change: broken, re-drilled vein. Vein is white/pink chalcedony with grey-qtz breccia. Clasts are dark blue grey aphanitic.
								VN																				
			222.33	224.27		GRD	GRG	MG					pro	wm														Weak to moderate propylitic altered GRD
			224.82	224.93		VEN	BKOF	BX							VN	60				w			w					Smoky Qz dominated, brecciated vein. Matrix is orange ankerite. Clasts are smoky Qz. 1-3mm euhedral anhydrite present. Mineralized veinlets of Gn and Py
								BN																				
			225.92	225.96		VEN	MT	DI							VN	90				35	5	10	5					Grey/white translucent Qz vein hosting diss Py>As>Gn
226.14	259.41					GRD	GRG	MG					pro	wm	VT	45		1						Cb	t			Majority of interval is weak to moderate propylitic altered GRD with 45° infrequent Cb veinlets. Sub intervals of phyllic alteration described below. Infrequent Py stringers also present. He is some fractures
															VT	60		1		t								
															FX									He	t			
			232.12	232.40		GRD	LTGR	EN	m						VT	85	<1	3		t		t	t					Moderate phyllic altered envelope around 3 Qz/Ch veinlets. 1 hosting blebby mineralization
			237.05	237.52		GRD	LTGR	EN	m															Se	w			Weak-moderate phyllic altered GRD enveloping a Qz/Ch vein. Envelope contain silver sericite.
			237.32	237.36		VEN	PKGY	BN							VN	75				w		w	w					2 veins: 1) Banded, pink/white chalcedony with vugs filled with white Cb 2) Grey/white translucent Qz with blebs of Py, Sp and Gn
								BL																				

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			237.80	238.31		GRD	LTGR	EN	m						VN	45	<1	3		f		m					Moderate phyllic altered GRD enveloping 3 grey/white translucent Qz veins hosting blebs of honey brown Sp, and Py. Pink/white Ch veinlet at 70°
															VT	70								Ch			
			243.91	247.21		GRD	LTGR	EN	m						VT	60		5		w				Ch			Moderate phyllic altered GRD enveloping veins described below. Frequent pink/white chalcedony veinlets and white/grey translucent Qz.
			244.07	244.20		VEN	GYDK	BX							VN	60				w							Silic flooded GRD/or/smoky Qz breccia. Py is diss and blebby
								FL?																			
			244.61	244.63		VEN	GY	BX							VN	30				t							Grey, qtz, breccia vein, trace Py
			244.79	244.82		VEN	PKWI	NT							VN	50			n					Ch			Pink/white netted/brecciated chalcedony veir
			245.22	245.28		VEN	PKWI	NT							VN	50			n					Ch			Pink/white netted/brecciated chalcedony veir
			245.35	245.50		APL	PKDK	FG							DK	50											Aphanitic dark pink aplite dyke
			246.43	246.46		BXA	BKWI	BX							VN	40				t							Fine grained, black breccia dyke with pink/white chalcedony and white Cb veinlet
			246.57	246.65		BXA	BK	BX							VN	55				w							Black, matrix supported breccia with sub angular clasts of grey/white Qz and phyllic altered GRD
			249.02	253.00		GRD	LTGR	PA												t							Patchy phyllic/prop/argillic alteration. Frequent grey/white quartz translucent Qz veins hosting blebby Py. 2 veins:
			251.67	251.68		VEN	GY	BN							VN	80				t							Grey/white translucent Qz and smoky Qz hosting diss to blebby Py
			251.83	251.86		VEN	GYM	BL							VN	70				40							Grey/white translucent Qz and smoky Qz hosting diss to blebby Py
			256.00	257.69		GRD	WHG	MG					arg	m													Moderate argillic altered GRD enveloping
								EN																			
			256.53	256.57		VEN	GR	BX							VN					f							A weak-moderate phyllic altered envelope around 256.53-256.57m breccia vein. Clast supported containing sub rounded phyllic altered GRD. Phyllic envelope ~50cm wide

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			257.69	258.95		GRD	MDGI	EN	m						VN	60-80		5+		w								Moderate phyllic enveloped GRD with frequent of white vuggy chalcedony veins, slightly netted filled with white Cb and or colourless Qz
			258.95	259.41		GRD	GYDI	BX							VN	90				w		t	t					Smoky and/or grey/white translucent Qz flooded, slightly brecciated/netted texture. Minor amounts of orange/white veinlets, minor vugs
								FL																				
259.41	260.55					FEL	BGGI	PO							DK	90												Beige/green Qz-feldspar porphyry, top 20cm sheared/faulted
								SH																				
260.55						C									C	90												Sharp contact
260.55	267.00					GRD	GRLT	PA							VT	70		5		t								Patchy altered GRD Pro=phyll=arg. Frequent Qz veinlets some with Py
							DK																					
			260.55	260.66		BXA	BK	BX							DK	80												Matrix supported breccia with sub angular/rounded <1cm-6cm clasts of GRD and FEL PO
			260.66	260.73		VEN	DKG\	XT							VN					f				An	20		Aphanitic smoky Qz vein with euhedral, rectangular anhydrite (20%). Diss Py and blebs
								AP																				
			261.12	261.35		VEN	SI	DI							VN	70				f	30	f	w					3 grey/white Qz veins hosting diss As>>Py>Sp>Gn. Majority of subinterval. Minor vuggy white/pink chalcedony and anhydrite
			262.47	262.50		VEN	GYBF	BL							VN	70				20								Grey/white Qz hosting blebs of Py
			265.21	265.25		VEN	ORM	BL							VN	70				m			10					Orange/white chalcedony dominated vein with grey/white Qz blebs Gn>Py blebs
267.00	273.41					GRD	GYMI	MG																				Relatively unaltered GRD
273.41	EOH																											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-43

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.44	2.44	1.09	45	0.00	0	M	EW		
2.44	5.18	2.74	2.05	75	0.54	20	S	MW		
5.18	8.23	3.05	3.08	101	0.82	27	MS	MW		
8.23	11.28	3.05	2.85	93	1.54	50	MS	FR		
11.28	14.33	3.05	3.04	100	1.55	51	VS	FR		
14.33	17.37	3.04	3.00	99	1.66	55	VS	FR		
17.37	20.42	3.05	3.15	103	0.88	29	S	MW		
20.42	21.64	1.22	1.17	96	0.54	44	S	FR		
21.64	23.47	1.83	1.96	107	1.47	80	S	SW		
23.47	26.52	3.05	3.03	99	1.65	54	MS	SW		
26.52	29.57	3.05	3.00	98	1.19	39	MS	SW		
29.57	32.61	3.04	3.02	99	1.22	40	MS	SW		
32.61	35.66	3.05	3.12	102	1.69	55	MS	SW		
35.66	38.71	3.05	3.04	100	1.47	48	S	SW		
38.71	42.21	3.50	2.90	83	0.80	23	S	SW		
42.21	44.81	2.60	2.27	87	1.23	47	S	SW		
44.81	47.85	3.04	3.06	101	1.77	58	S	SW		
47.85	50.90	3.05	2.93	96	0.98	32	S	SW		
50.90	53.94	3.04	3.15	104	2.08	68	VS	FR		
53.94	56.99	3.05	3.11	102	0.84	28	S	FR		
56.99	58.98	1.99	1.99	100	0.83	42	MS	FR		
58.98	60.66	1.68	1.78	106	0.82	49	MS	FR		
60.66	63.09	2.43	2.55	105	0.15	6	MS	FR		
63.09	66.14	3.05	3.04	100	1.62	53	MS	FR		
66.14	69.19	3.05	3.06	100	1.72	56	S	FR		
69.19	72.21	3.02	3.13	104	0.52	17	S	FR		
72.21	75.29	3.08	3.07	100	1.53	50	MS	FR		
75.29	78.33	3.04	3.03	100	1.22	40	S	FR		
78.33	81.38	3.05	3.00	98	1.23	40	S	FR		
81.38	84.43	3.05	2.98	98	0.76	25	MS	FR		
84.43	87.48	3.05	2.53	83	0.45	15	MS	FR		
87.48	90.53	3.05	2.82	92	0.39	13	MS	FR		
90.53	93.57	3.04	3.02	99	0.10	3	MS	FR		
93.57	96.16	2.59	2.60	100	0.42	16	MS	FR		
96.16	99.21	3.05	3.00	98	0.33	11	S	FR		
99.21	102.26	3.05	3.08	101	1.59	52	MS	FR		
102.26	105.31	3.05	3.09	101	1.37	45	S	FR		
105.31	108.51	3.20	2.99	93	0.84	26	MS	FR		
108.51	111.55	3.04	2.98	98	0.32	11	MS	FR		
111.55	114.76	3.21	3.11	97	0.85	26	MS	FR		
114.76	116.28	1.52	1.75	115	0.00	0	W	FR		
116.28	117.96	1.68	1.74	104	0.00	0	MS	FR		
117.96	121.10	3.14	2.44	78	1.18	38	MS	FR		
121.10	124.05	2.95	2.50	85	0.56	19	MS	FR		
124.05	127.10	3.05	2.95	97	1.28	42	MS	FR		
127.10	130.15	3.05	3.05	100	1.48	49	MS	FR		
130.15	133.20	3.05	3.00	98	1.41	46	MS	FR		
133.20	136.25	3.05	3.05	100	1.07	35	MS	FR		
136.25	139.29	3.04	3.04	100	0.76	25	MS	FR		
139.29	142.34	3.05	3.05	100	0.75	25	MS	FR		
142.34	145.39	3.05	2.96	97	0.00	0	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
145.39	148.44	3.05	2.85	93	1.50	49	MS	FR		
148.44	151.48	3.04	3.00	99	1.76	58	MS	FR		
151.48	153.92	2.44	2.40	98	0.69	28	MS	FR		
153.92	156.97	3.05	3.02	99	2.34	77	MS	FR		
156.97	160.02	3.05	3.05	100	2.50	82	MS	FR		
160.02	163.06	3.04	3.05	100	2.04	67	MS	FR		
163.06	166.12	3.06	2.96	97	0.68	22	MS	FR		
166.12	169.16	3.04	3.00	99	0.97	32	MS	FR		
169.16	172.21	3.05	3.01	99	0.28	9	MS	FR		
172.21	175.26	3.05	2.85	93	0.00	0	MS	FR		
175.26	178.31	3.05	2.97	97	1.05	34	S	FR		
178.31	181.36	3.05	3.05	100	1.60	52	S	FR		
181.36	184.56	3.20	2.92	91	1.58	49	S	FR		
184.56	187.76	3.20	2.95	92	1.86	58	S	FR		
187.76	190.96	3.20	3.00	94	2.64	82	S	FR		
190.96	194.16	3.20	3.05	95	2.35	73	S	FR		
194.16	197.21	3.05	3.04	100	2.17	71	S	FR		
197.21	200.25	3.04	3.05	100	2.07	68	S	FR		
200.25	203.30	3.05	3.05	100	2.50	82	S	FR		
203.30	206.34	3.04	2.77	91	1.71	56	S	FR		
206.34	209.40	3.06	3.08	101	0.68	22	S	FR		
209.40	212.45	3.05	3.00	98	1.92	63	S	FR		
212.45	215.49	3.04	3.02	99	2.24	74	S	FR		
215.49	218.54	3.05	3.05	100	1.13	37	S	FR		
218.54	221.96	3.42	3.04	89	1.81	53	S	FR		
221.96	222.20	0.24	0.27	113	0.11	46	MS	FR		
222.20	224.64	2.44	2.51	103	1.46	60	MS	FR		
224.64	227.69	3.05	3.03	99	1.56	51	MS	FR		
227.69	230.73	3.04	2.97	98	1.26	41	MS	FR		
230.73	233.98	3.25	2.96	91	0.96	30	S	FR		
233.98	236.83	2.85	3.01	106	2.32	81	S	FR		
236.83	239.88	3.05	3.00	98	1.87	61	S	FR		
239.88	242.92	3.04	3.01	99	1.81	60	S	FR		
242.92	245.97	3.05	2.84	93	1.30	43	MS	FR		
245.97	249.02	3.05	2.59	85	1.26	41	MS	FR		
249.02	252.07	3.05	2.96	97	1.16	38	MS	FR		
252.07	255.12	3.05	2.98	98	1.79	59	MS	FR		
255.12	258.16	3.04	3.00	99	2.18	72	MS	FR		
258.16	261.21	3.05	2.89	95	1.72	56	MS	FR		
261.21	264.26	3.05	3.02	99	2.65	87	S	FR		
264.26	267.31	3.05	3.15	103	1.94	64	S	FR		
267.31	270.36	3.05	3.08	101	1.48	49	S	FR		
270.36	273.41	3.05	3.05	100	1.77	58	S	FR		
EOH										

SAMPLE LOG

HOLE: KL-11-43

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	2.44	2.44		0							overburden
2.44	5.50	3.06	2.34	76	K270466	1					
5.50	8.23	2.73	2.65	97	K270467	1					
8.23	11.28	3.05	3.10	102	K270468	1					
11.28	14.33	3.05	3.05	100	K270469	1					
14.33	17.37	3.04	3.00	99	K270470	1					
					K270471	1					STD ME 16
17.37	19.00	1.63	1.65	101	K270472	1					
19.00	21.18	2.18	2.14	98	K270473	1					
21.18	23.15	1.97	2.05	104	K270474	1					
23.15	25.30	2.15	2.08	97	K270475	1					
25.30	27.80	2.50	2.57	103	K270476	1					
					K270477	1					BLANK
27.80	30.07	2.27	2.32	102	K270478	1					
30.07	31.20	1.13	1.17	104	K270479	1					
31.20	33.00	1.80	1.70	94	K270480	1					
33.00	35.35	2.35	2.40	102	K270481	1					
35.35	36.35	1.00	1.02	102	K270482	1					
36.35	38.88	2.53	2.52	100	K270483	1					
					K270484	1					BLANK
38.88	42.76	3.88	2.87	74	K270485	1					MIS LATCH; LOW RECOVERY
42.76	45.72	2.96	2.88	97	K270486	1					
45.72	48.73	3.01	3.00	100	K270487	1					
48.73	50.91	2.18	2.25	103	K270488	1					
50.91	53.77	2.86	2.94	103	K270489	1					
53.77	56.74	2.97	3.00	101	K270490	1					
					K270491	1					STD ME 16
56.74	59.78	3.04	2.95	97	K270492	1					
59.78	62.67	2.89	2.97	103	K270493	1					
62.67	64.03	1.36	1.42	104	K270494	1					
64.03	66.14	2.11	2.11	100	K270495	1					
					K270496	1					DUPLICATE
66.14	69.19	3.05	3.04	100	K270497	1					
69.19	70.94	1.75	1.75	100	K270498	1					
70.94	72.15	1.21	1.20	99	K270499	1					
72.15	74.09	1.94	2.00	103	K270500	1					
74.09	75.37	1.28	1.27	99	K269001	1					
75.37	78.17	2.80	2.95	105	K269002	2					
78.17	81.22	3.05	3.00	98	K269003	2					
81.22	84.43	3.21	3.15	98	K269004	2					
84.43	87.48	3.05	2.95	97	K269005	2					
87.48	89.44	1.96	2.01	103	K269006	2					
					K269007	2					STD ME 16
89.44	90.80	1.36	1.30	96	K269008	2					
					K269009						BLANK
90.80	93.57	2.77	2.78	100	K269010	2					
93.57	96.16	2.59	2.54	98	K269011	2					
96.16	99.21	3.05	3.20	105	K269012	2					
99.21	102.26	3.05	3.15	103	K269013	2					
102.26	105.31	3.05	3.07	101	K269014	2					
105.31	108.51	3.20	3.10	97	K269015	2					
108.51	111.55	3.04	3.05	100	K269016	2					
111.55	114.76	3.21	3.10	97	K269017	2					
					K269018	2					STD PL 2
114.76	116.80	2.04	2.00	98	K269019	2					
116.80	118.15	1.35	1.45	107	K269020	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
118.15	120.15	2.00	1.70	85	K269021	2					
120.15	121.01	0.86	0.78	91	K269022	2					
121.01	122.25	1.24	1.20	97	K269023	2					
122.25	123.64	1.39	1.45	104	K269024	2					
					K269025	2					BLANK
123.64	124.33	0.69	0.73	106	K269026	2					
124.33	127.10	2.77	2.81	101	K269027	2					
127.10	128.06	0.96	1.00	104	K269028	2					
128.06	129.71	1.65	1.73	105	K269029	2					
					K269030	2					DUPLICATE
129.71	132.22	2.51	2.43	97	K269031	2					
132.22	133.05	0.83	0.88	106	K269032	2					
133.05	134.03	0.98	1.00	102	K269033	2					
134.03	135.02	0.99	1.05	106	K269034	2					
135.02	137.33	2.31	2.41	104	K269035	2					
137.33	138.96	1.63	1.72	106	K269036	2					
138.96	141.90	2.94	3.05	104	K269037	2					
141.90	143.57	1.67	1.75	105	K269038	3					
143.57	146.33	2.76	2.83	103	K269039	3					
146.33	148.68	2.35	2.32	99	K269040	3					
148.68	149.95	1.27	1.27	100	K269041	3					
149.95	151.66	1.71	1.74	102	K269042	3					
					K269043	3					BLANK
151.66	153.61	1.95	2.00	103	K269044	3					
153.61	156.48	2.87	3.00	105	K269045	3					
156.48	158.90	2.42	2.46	102	K269046	3					
158.90	160.90	2.00	2.00	100	K269047	3					
160.90	162.37	1.47	1.51	103	K269048	3					
					K269049	3					STD PL 2
162.37	164.08	1.71	1.78	104	K269050	3					
164.08	166.12	2.04	2.00	98	K269051	3					
166.12	168.52	2.40	2.47	103	K269052	3					
168.52	169.35	0.83	0.83	100	K269053	3					
169.35	172.21	2.86	3.05	107	K269054	3					
172.21	175.26	3.05	3.05	100	K269055	3					
175.26	176.62	1.36	1.28	94	K269056	3					
					K269057	3					BLANK
176.62	178.31	1.69	1.75	104	K269058	3					
178.31	181.36	3.05	3.10	102	K269059	3					
181.36	184.31	2.95	2.74	93	K269060	3					
184.31	185.65	1.34	1.37	102	K269061	3					
185.65	187.44	1.79	1.62	91	K269062	3					
					K269063	3					DUPLICATE
187.44	187.92	0.48	0.50	104	K269064	3					
187.92	189.00	1.08	1.06	98	K269065	3					
189.00	190.00	1.00	1.00	100	K269066	3					
					K269067	3					STD PL 2
190.00	191.00	1.00	1.00	100	K269068	3					
191.00	192.83	1.83	1.69	92	K269069	3					
192.83	195.68	2.85	2.75	96	K269070	3					
195.68	197.88	2.20	2.24	102	K269071	3					
197.88	198.60	0.72	0.72	100	K269072	3					
198.60	200.25	1.65	1.71	104	K269073	3					
200.25	202.59	2.34	2.34	100	K269074	4					
202.59	203.55	0.96	1.00	104	K269075	4					
203.55	206.00	2.45	2.26	92	K269076	4					
206.00	208.05	2.05	2.14	104	K269077	4					
208.05	208.80	0.75	0.74	99	K269078	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K269079	4					BLANK
208.80	211.77	2.97	3.00	101	K269080	4					
211.77	212.84	1.07	1.06	99	K269081	4					
212.84	215.00	2.16	2.22	103	K269082	4					
215.00	217.23	2.23	2.39	107	K269083	4					
217.23	219.11	1.88	1.87	99	K269084	4					
219.11	221.24	2.13	2.13	100	K269085	4					
					K269086	4					STD ME 16
221.24	222.26	1.02	1.00	98	K269087	4					
222.26	224.80	2.54	2.57	101	K269088	4					
224.80	226.00	1.20	1.23	103	K269089	4					
					K269090	4					BLANK
226.00	229.00	3.00	3.00	100	K269091	4					
229.00	231.88	2.88	2.93	102	K269092	4					
231.88	234.95	3.07	3.00	98	K269093	4					
234.95	237.06	2.11	2.21	105	K269094	4					
237.06	238.31	1.25	1.26	101	K269095	4					
					K269096	4					STD ME 16
238.31	241.26	2.95	3.00	102	K269097	4					
241.26	243.91	2.65	2.60	98	K269098	4					
243.91	246.87	2.96	3.00	101	K269099	4					
246.87	249.33	2.46	2.00	81	K269100	4					
249.33	251.64	2.31	2.22	96	K269101	4					
251.64	252.64	1.00	1.00	100	K269102	4					
252.64	254.67	2.03	2.00	99	K269103	4					
					K269104	4					DUPLICATE
254.67	256.00	1.33	1.30	98	K269105	4					
256.00	258.41	2.41	2.53	105	K269106	4					
258.41	259.41	1.00	1.00	100	K269107	4					
259.41	260.55	1.14	1.12	98	K269108	4					
260.55	261.39	0.84	0.83	99	K269109	4					
261.39	262.70	1.31	1.21	92	K269110	5					
262.70	264.33	1.63	1.69	104	K269111	5					
264.33	265.31	0.98	1.00	102	K269112	5					
265.31	267.00	1.69	1.80	107	K269113	5					
					K269114	5					BLANK
267.00	269.83	2.83	3.00	106	K269115	5					
269.83	272.05	2.22	2.27	102	K269116	5					
272.05	273.41	1.36	1.42	104	K269117	5					
											EOH 273.41m

DENSITY LOG

Hole: **KL-11-43**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	Py %	As %	Sp %	Other	%							
												2000.5	1620.2	2 kg standard	#DIV/0!	5.26
															#DIV/0!	#DIV/0!
132.8	VEN	BN								10.05	6.35	881.2	490.2	White/pink cordial, banded chalcedony vein: no visible mineralization	2.77	2.25
		CO													#DIV/0!	#DIV/0!
															#DIV/0!	#DIV/0!
134.7	VEN	BL			10	3	20	Gn	7	12.3	6.35	1325	799	Massive, blebby crystalline sulphides. Middle has pink, vuggy vein. Wasn't cut (for show)	3.40	2.52
		VU						Cp	5							
156.8	FEL	PO								10.8	6.35	876	456	Quartz-feldspar porphyry dyke	2.56	2.09
												1999.1	1460.1	2kg standard		3.71
220.65	GRD									10.12	6.5	859.5	540.8	Weak argillic and phyllic GRD	2.56	2.70

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-43

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00				OVB
3.00				OVB
4.00				OVB
5.00			21.22	
6.00			0.32	
7.00			21.52	
8.00			19.04	
9.00			28.19	
10.00			26.91	
11.00			30.12	
12.00			27.75	
13.00			24.28	
14.00			22.76	
15.00			22.95	
16.00			26.37	
17.00			37.2	
18.00			34.77	
19.00			26.83	
20.00			1.199	
21.00			12.31	
22.00			0.327	
23.00			0.233	
24.00			0.218	
25.00			0.255	
26.00			1.1	
27.00			0.403	
28.00			26.82	
29.00			0.285	
30.00			0.99	
31.00			0.569	
32.00			1.395	
33.00			37.59	
34.00			29.92	
35.00			23.79	
36.00			0.626	
37.00			0.348	
38.00			0.584	
39.00			33.12	
40.00			22.96	
41.00			22.97	
42.00			27.71	
43.00			0.83	
44.00			25.31	
45.00			21.3	
46.00			0.676	
47.00			31.65	
48.00			25.14	
49.00			0.594	
50.00			0.271	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.732	
52.00			0.644	
53.00			31.71	
54.00			33.84	
55.00			1.033	
56.00			19.75	
57.00			28.61	
58.00			31.68	
59.00			15.22	
60.00			6.802	
61.00			2.801	
62.00			0.61	
63.00			0.382	
64.00			0.0739	
65.00			2.6	
66.00			4.732	
67.00			1.292	
68.00			7.329	
69.00			15.47	
70.00			2.919	
71.00			0.376	
72.00			0.401	
73.00			5.27	
74.00			3.702	
75.00			6.622	
76.00			18.12	
77.00			0.492	
78.00			19.88	
79.00			0.474	
80.00			3.429	
81.00			2.191	
82.00			0.511	
83.00			0.442	
84.00			0.307	
85.00			0.897	
86.00			0.383	
87.00			0.222	
88.00			0.156	
89.00			0.16	
90.00			0.323	
91.00			0.187	
92.00			0.328	
93.00			0.247	
94.00			0.141	
95.00			0.345	
96.00			0.242	
97.00			0.178	
98.00			0.223	
99.00			0.243	
100.00			0.242	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.311	
102.00			20.7	
103.00			14.15	
104.00			0.426	
105.00			0.703	
106.00			9.905	
107.00			15.28	
108.00			1.218	
109.00			0.462	
110.00			0.691	
111.00			0.325	
112.00			0.28	
113.00			0.257	
114.00			0.791	
115.00			0.168	
116.00			0.138	
117.00			1.184	
118.00			0.331	
119.00			0.38	
120.00			0.173	
121.00			0.526	
122.00			0.314	
123.00			0.289	
124.00			0.349	
125.00			0.329	
126.00			0.158	
127.00			0.339	
128.00			0.198	
129.00			0.359	
130.00			0.366	
131.00			0.3	
132.00			0.211	
133.00			0.242	
134.00			0.368	
135.00			0.552	
136.00			11.2	
137.00			4.292	
138.00			0.835	
139.00			0.702	
140.00			0.521	
141.00			13.86	
142.00			0.76	
143.00			0.926	
144.00			2.465	
145.00			0.316	
146.00			1.941	
147.00			10.27	
148.00			15.11	
149.00			0.479	
150.00			0.314	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.02	
152.00			0.316	
153.00			0.145	
154.00			0.406	
155.00			0.23	
156.00			0.243	
157.00			2.99	
158.00			0.334	
159.00			0.325	
160.00			0.262	
161.00			0.203	
162.00			0.267	
163.00			0.142	
164.00			0.79	
165.00			0.307	
166.00			0.285	
167.00			0.307	
168.00			0.22	
169.00			0.238	
170.00			0.4	
171.00			0.176	
172.00			0.238	
173.00			0.32	
174.00			0.283	
175.00			0.421	
176.00			0.17	
177.00			0.214	
178.00			0.155	
179.00			0.271	
180.00			0.307	
181.00			0.263	
182.00			0.248	
183.00			0.352	
184.00			0.356	
185.00			0.438	
186.00			0.501	
187.00			1.243	
188.00			0.221	
189.00			0.18	
190.00			0.172	
191.00			0.143	
192.00			0.162	
193.00			0.175	
194.00			0.196	
195.00			1.956	
196.00			2.928	
197.00			10.8	
198.00			0.423	
199.00			2.95	
200.00			3.457	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			19.21	
202.00			5.589	
203.00			0.375	
204.00			0.442	
205.00			0.147	
206.00			7.814	
207.00			0.051	
208.00			0.686	
209.00			0.735	
210.00			2.237	
211.00			2.097	
212.00			5.81	
213.00			0.327	
214.00			0.211	
215.00			0.331	
216.00			0.157	
217.00			0.462	
218.00			0.255	
219.00			0.036	
220.00			0.303	
221.00			0.04	
222.00			0.54	
223.00			10.08	
224.00			19.25	
225.00			0.292	
226.00			0.29	
227.00			21.58	
228.00			2.798	
229.00			29.66	
230.00			10.51	
231.00			10.45	
232.00			4.542	
233.00			5.087	
234.00			12.65	
235.00			14.85	
236.00			17.45	
237.00			1.117	
238.00			0.355	
239.00			0.753	
240.00			19.86	
241.00			2.343	
242.00			0.392	
243.00			28.04	
244.00			0.443	
245.00			0.487	
246.00			0.23	
247.00			0.334	
248.00			7.935	
249.00			23.68	
250.00			0.452	
251.00			0.271	
252.00			0.221	
253.00			0.414	
254.00			11.1	
255.00			13.94	
256.00			0.666	
257.00			1.105	
258.00			0.325	
259.00			0.268	
260.00			0.191	
261.00			0.29	
262.00			0.371	
263.00			0.413	
264.00			0.736	
265.00			0.269	
266.00			0.268	
267.00			4.688	
268.00			16.29	
269.00			36.35	
270.00			20.66	
271.00			21.51	
272.00			16.53	
273.00			1.63	
				EOH @ 273.41m

BOX LOG

HOLE: KL-11-43

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	5.50	36	132.24	136.04	71	269.17	273.41
2	5.50	8.38	37	136.04	139.66	EOH		
3	8.38	12.50	38	139.66	143.59			
4	12.50	16.57	39	143.59	146.54			
5	16.57	20.24	40	146.54	150.57			
6	20.24	24.20	41	150.57	154.07			
7	24.20	28.00	42	154.07	158.10			
8	28.00	32.30	43	158.10	162.02			
9	32.30	36.13	44	162.02	165.82			
10	36.13	40.00	45	165.82	169.57			
11	40.00	45.11	46	169.57	172.73			
12	45.11	49.22	47	172.73	175.88			
13	49.22	52.95	48	175.88	179.55			
14	52.95	56.99	49	179.55	183.82			
15	56.99	60.66	50	183.82	187.76			
16	60.66	34.31	51	187.76	191.86			
17	34.31	68.44	52	191.86	196.05			
18	68.44	71.95	53	196.05	199.02			
19	71.95	75.74	54	199.02	204.04			
20	75.74	79.45	55	204.04	208.45			
21	79.45	82.93	56	208.45	212.66			
22	82.93	85.94	57	212.66	216.87			
23	85.94	89.91	58	216.87	220.80			
24	89.91	92.51	59	220.80	224.64			
25	92.51	96.00	60	224.64	228.70			
26	96.00	98.80	61	228.70	232.88			
27	98.80	102.59	62	232.88	236.89			
28	102.59	106.19	63	236.89	240.96			
29	106.19	109.67	64	240.96	245.00			
30	109.67	113.36	65	245.00	249.02			
31	113.36	117.00	66	249.02	253.00			
32	117.00	120.76	67	253.00	257.06			
33	120.76	124.22	68	257.06	261.21			
34	124.22	128.07	69	261.21	265.25			
35	128.07	132.24	70	265.25	269.17			

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
					425.8

ZONE:

SECTION:

HOLE: KL-11-44

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ (425.80m / EOH)

Casing depth: _____ (m) in / out

Drilling dates: July 22 - 28, 2011

Geology logged by: J. Tarswe;;

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	242.92	41.5	-50.8	Ranger
60.05	35.2	-50.6	Ranger	303.88	41	-50.9	Ranger
121	39.5	-50.9	Ranger	364.84	42.9	-50.7	Ranger
181.96	38.3	-50.7	Ranger	425.8	50	-50.7	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments

SAMPLES

Numbers:

Total:

Batch:

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-44

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	6.89	6.89				OVB																					Casing/Overburden, no recovery
6.89	10.00	3.11				GRD	OR			i		i	ARG	i													Intensely oxidized argillic altered granodiorite
10.00	12.80	2.80				FEL	TNGY	DY			i	i			DY	?								Go	tw		Strongly oxidized felsic, silicious dyke. "sister vein" dyke. Goethite stained fractures very broken.
12.80	14.21	1.41				GRD	OR			i		i	PRO	t													Intensely oxidized argillic altered granodiorite, trace propylitic at beginning of zone overprinting argillic.
14.21	27.70	13.49				GRD	OR		i	ms		i	ARG	ms						t	t	t	t				Strongly altered/oxidized granodiorite, largely silicious phyllic alteration but occasional strong argillic as well. Zone hosts numerous vein zones with pyrite/sphalerite/galena/arsenopyrite. Breccia zones also present.
			14.53	15.37	0.84	VEN	ORWH	BX	i		i	i			VN	78				s	t	m	m				Extremely oxidized vein/breccia zone dominated by milky quartz but hosting blebby to massive pyrite, arsenopyrite, galena and sphalerite. Quartz zones are vuggy and host angular grey quartz and sulphide clasts.
			16.85	17.02	0.17	VEN	ORWH	BX	i		i	i			VN	80				s	t	m	m				Extremely oxidized vein/breccia zone dominated by milky quartz but hosting blebby to massive pyrite, arsenopyrite, galena and sphalerite. Quartz zones are vuggy and host angular grey quartz and sulphide clasts.
			22.40	22.73	0.33	VEN	WHGN		i		i	ms			VN	75				tw							Sheeted quartz veinlets across interval (grey and milky) hosting blebby pyrite. Disseminated pyrite through whole interval. Strongly oxidized.
			23.03	23.35	0.32	BXA	WHBK	BX			i	i			BX	?				ms							Broken breccia zone. Highly silicious. Matrix is silicious white chalcedony quartz. Clasts are a black finegrained mineral hosting pervasive pyrite.
			26.34	26.80	0.46	VEN	WHGN		i		i	ms			VN	80				tw		tw	tw				Sheeted quartz veinlets across interval (grey and milky) hosting blebby pyrite. Disseminated pyrite through whole interval. Strongly oxidized. One vein hosts massive sphalerite and trace galena.
27.70	34.91	7.21				GRD	GYGN		w	t	t	m	ARG	t													Unaltered, moderately oxidized granodiorite hosting few chalcedony quartz veins (almost transparent) and one argillic/phyllic altered zone in the middle of the interval.
			30.36	30.40	0.04	VEN	WHOR		i		i	t			VN	60											Intensely phyllic altered granodiorite envelope around a 4cm chalcedony quartz vein with slightly breccia textures and an ankorite stringer on the hanging wall side.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			30.75	33.52	2.77		GNOR	PA	i	i	tw	ms	ARG	i													Patchy argillic/phyllic altered zone. Moderately oxidized hosting quartz veinlets. Weak potassic overprinting of localized argillic altered zones. Phyllic altered zone is silicious and hosts intensely oxidized fractures.
													POT	t													
34.91	39.26	4.35				GRD	GNOR		i	m	tw	ms	ARG	m						t		t	t				Strongly phyllic altered and oxidized granodiorite hosting quartz veins associated with massive galena, sphalerite, pyrite and rare ankorite. Localized argillic altered zones distal of sulphide veins.
			36.16	36.22	0.06	VEN	WHOR	FL			100	ms			VN	75				t		f	f				Flowbanded, vuggy quartz vein hosting grey quartz clasts. Blebby, rare pyrite in vein. Footwall side hosts a strong galena/sphalerite stringer. Strong epithermal textures in vein.
			38.23	38.31	0.08	VEN	WHOR	FL			100	ms			VN	80				ms		f	ms				Flowbanded, vuggy quartz vein hosting grey quartz clasts. Blebby, rare pyrite in vein. Hanging wall side hosts a 1cm wide galena stringer. Strong epithermal textures in vein. Pervasive pyrite throughout.
39.26	80.04	40.78				GRD	GYGN		tw		t	tw								t		t	t				Largely unaltered granodiorite hosting phyllic altered intervals with highgrade massive sulphide veins and abundant quartz. Large chalcedony quartz veins through interval. Weakly oxidized in fractures.
			39.40	39.44	0.04		WH				100				VN	55				tw							Chacedony quartz vein hosting ankorite clasts and disseminated pyrite.
			39.83	39.89	0.06		WH				100				VN	56				tw							Chacedony quartz vein hosting ankorite clasts and disseminated pyrite.
			41.07	41.15	0.08		WH				100				VN	40				tw							Chacedony quartz vein hosting ankorite clasts and disseminated pyrite.
			41.56	41.62	0.06		WH				100				VN	50				tw							Chacedony quartz vein hosting ankorite clasts and disseminated pyrite.
			43.14	43.19	0.05		WH				100				VN	35				tw							Chacedony quartz vein hosting ankorite clasts and disseminated pyrite.
			46.19	47.42	1.23		LTGN	FD	i		i									w		w	t	To	t		Phyllic altered granodiorite. Quartz flooded hosting quartz tourmaline veins with disseminated pyrite and highgrade sulphide veins of pyrite, galena, sphalerite. Veins are massive and spaced out. Disseminated pyrite through entire zone.
			46.71	46.78	0.07	VEN	BR	MA	i		i				VN	80				t		i	t				Massive sphalerite vein hosting blebby galena and pyrite. Quartz vein material on contacts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			48.92	49.29	0.37		LTGN	FD	i		i									w		w	t	To	t		Phyllic altered granodiorite. Quartz flooded hosting quartz tourmaline veins with disseminated pyrite and highgrade sulphide veins of pyrite, galena, sphalerite. Veins are massive and spaced out. Disseminated pyrite through entire zone.
			52.51	53.51	1.00		LTGN	FD	i		i									w		w	t	To	t		Phyllic altered granodiorite. Quartz flooded hosting quartz tourmaline veins with disseminated pyrite and highgrade sulphide veins of pyrite, galena, sphalerite. Veins are massive and spaced out. Disseminated pyrite through entire zone. Interval dominated by quartz veins.
			58.62	58.67	0.05	VEN		BN			70		PRO	w	VN	75				w		w	w					Banded milkly quartz/ankorite/massive galena, sphalerite, pyrite vein hosted in a strongly propylitic altered envelope. Entire interval hosts disseminated pyrite.
			64.16	64.21	0.05	VEN		BN			70		PRO	w	VN	60				w		w	w					Banded milkly quartz/ankorite/massive galena, sphalerite, pyrite vein hosted in a strongly propylitic altered envelope. Entire interval hosts disseminated pyrite.
			65.80	65.85	0.05	VEN		BN			70		PRO	w	VN	70				w		w	w					Banded milkly quartz/ankorite/massive galena, sphalerite, pyrite vein hosted in a strongly propylitic altered envelope. Entire interval hosts disseminated pyrite.
			74.25	76.70	2.45		GNTN	PA	w		w		PRO	w						w		tw	tw					Patchy propylitic/phyllic altered zone hosting numerous quartz/ankorite veins and veinlets. Few host blebby to massive galena/sphalerite/pyrite.
			74.29	74.34	0.05	VEN	GNWH	BN	m		m		PRO	t	VN	75				ms		ms	ms					Banded quartz and massive galena/sphalerite vein Phyllic altered envelope.
			76.61	76.66	0.05	VEN	GNWH	BN	m		m		PRO	t	VN	70				ms		ms	ms					Banded quartz and massive galena/sphalerite vein Phyllic altered envelope. Quartz vein hosts angular sulphide vein clasts.
			77.75	77.89	0.14		GN		ms		tw		PRO	tw						f		f	t					Phyllic altered zone hosting an ankorite vein and quartz vein with massive sphalerite and trace galena. Zone hosts disseminated pyrite and pyrite stringers throughout.
80.04	82.29	2.25				GRD	LTGN	FD	i		ms									f	tw	tw	tw					Intensely phyllic altered granodiorite hosting quartz and massive sulphide veins upto 30cm wide. Massive galena, sphalerite, arsenopyrite, pyrite prevelent with disseminated pyrite throughout zone. Silicious (highly quartz flooded interval).
			80.40	80.47	0.07	VEN	WHBR		i		100				VN	80				f		s	t					Milky quartz vein hosting massive sphalerite, pervasive pyrite and trace galena.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			81.42	82.16	0.74	VEN	GNBK	MA	i		i				VN	80				s	ms	s	s				VEIN ZONE! Very strong vein zone hosting massive arsenopyrite, pyrite, sphalerite, and galena veins upto 5cm wide each. Extremely quartz flooded zone but only two milky quartz veins present. Dominated by massive sulphide veins. Pervasive pyrite throughout.
82.29	106.43	24.14				GRD	DKGN		t				PRO	s						t							Propylitic altered granodiorite. Highly broken occasionally moving to unaltered and rarely upgrading to phyllic in localized zones. Very few quartz veinlets.
			101.25	101.55	0.30		LTGN	FD	ms				PRO	tw						tw			w	He	tw		Quartz flooded, phyllic altered zone with both hematite veinlets and milky quartz. One 1cm wide massive galena vein in center of zone.
			103.81	106.43	2.62		LTGN		s		ms		PRO	t						tw		t	t				Phyllic altered granodiorite, slightly quartz flooded hosting numerous quartz veins and veinlets. One large vein in center of zone hosts galena, sphalerite and pyrite.
			105.05	105.21	0.16	VEN	WHGN		i	f	80				VN	80				ms		ms	ms				Milky quartz vein (massive) hosting blebby galena, sphalerite and pyrite throughout with massive galena/pyrite stringers present as well. Footwall contact is composed of green clay gouge material, well developed.
106.43	136.89	30.46				GRD	GY		t				PRO	t													Unaltered granodiorite with localized patches phyllic or propylitic altered granodiorite around quartz veins.
			123.05	124.17	1.12		LTGN		s		s													Se	tw		Strongly sericitized, phyllic altered granodiorite. Highly silicious hosting a vuggy, brecciated quartz/ankorite vein.
			124.45	124.86	0.41		WHOR	BX	i		80				VN	72				tw				Se	tw		Vuggy quartz vein (smokey) with brecciated areas near the footwall side. Ankorite stringers in zone. Breccia clasts are grey/white quartz. Vein hosts weakly disseminated pyrite accross whole interval.
			127.04	127.91	0.87		LTGN		s		s													Se	tw		Strongly sericitized, phyllic altered granodiorite. Highly silicious hosting a vuggy, brecciated quartz/ankorite vein.
			127.38	127.48	0.10		WHOR	BX	i		80				VN	80				tw				Se	tw		Vuggy quartz vein (smokey) with brecciated areas near the footwall side. Ankorite stringers in zone. Breccia clasts are grey/white quartz. Vein hosts weakly disseminated pyrite accross whole interval.
			132.22	132.59	0.37		LTGN		i		s									t		t	t				Phyllic altered zone, moderately sericitized with a patchy tan/orange colour. Zone hosts a quartz vein 1cm wide with blebby galena, sphalerite and pyrite. Zone is moderately quartz flooded.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
136.89	138.55	1.66				BXA	LTGY	BX	ms	tw	tw				BX	70				w							Light green/grey and white breccia zone "salt and pepper". Granodiorite clasts are somewhat rounded and strongly phyllic altered. Grey/black matrix hosts intense pervasive pyrite. Pervasive pyrite throughout interval.
			137.00	137.40	0.40	VEN	WHMT				100				VN	80				i				To	t		White/grey quartz vein with minor trace tourmaline and hosting massive, extremely coarse grained pyrite.
138.55	163.28	24.73				GRD	GY		t	t			PRO	t													Unaltered granodiorite hosting intervals of strong argillic, phyllic or propylitic alteration. These zones are associated with quiartz and ankorite veins and veinlets.
													ARG	t													
			142.30	143.00	0.70		WHPK	PA		s			ARG	s										He	t		Dominantly strongly argillic altered granodiorite hosting patchy propylitic alteration. Argillic zones are overprinted by very weak potassic alteration. Minor hematite found in fractures at footwall contact.
													PRO	w													
													POT	t													
			143.00	144.26	1.26		GNTN	BN	s	tw			PRO	tw										Se	tw		Largely phyllic altered granodiorite with bands of propylitic and argillic alteration. Whole interval appears banded from dark green to white to tan to light green. Banded pattern repeats several time through interval. Localized zones of strongly disseminated sericite (tan colour).
163.28	174.34	11.06				GRD	LTGN	FD	ms		ms		PRO	t						tw							Strongly quartz flooded, phyllic altered granodiorite hosting disseminated pyrite and vein zones throughout. Localized zones of increased silicification in finegrained granodiorite.
			163.28	164.07	0.79	VEN	BKGY	BK	i	ms	80				VN	?				tw							Highly broken/blocky black/grey quartz vein hosting disseminated pyrite and pyrite stringers. Hanging wall side is composed of white clay gouge hosting angular milky grey quartz fragments. Very weak pyrite.
			166.45	166.68	0.23	VEN	GNGY		i		i				VN	70				ms							Strongly phyllic altered quartz flooded granodiorite with numerous quartz/ankorite and pyrite veins crosscutting. Massive-blebby coarse grained pyrite throughout interval.
			168.24	168.61	0.37	VEN	GNGY		i		i				VN	75				ms							Strongly phyllic altered quartz flooded granodiorite with numerous quartz/ankorite and pyrite veins crosscutting. Massive-blebby coarse grained pyrite throughout interval.
			172.60	172.92	0.32		WHPK			i			ARG	i													Intensely argillic altered granodiorite with a weak potassic alteration overprinting.
													POT	tw													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			173.89	173.97	0.08	VEN	LTGN	GO		100					GO	35				t			t				Clay gouge vein (very low angle) hosting trace very finegrained galena and pyrite. Green/white colour.
174.34	192.99	18.65				GRD	DKGN		t	t			PRO	m										Cl	m		Moderate to weak propyltic altered granodiorite hosting disseminated chlorite. Localized intervals of argillic or phyllic alteration.
													ARG	t													
			175.75	177.25	1.50		WHPK			i			ARG	i													Intensely argillic altered granodiorite with a weak potassic alteration overprinting.
			178.41	178.63			WHPK			i			ARG	i													Intensely argillic altered granodiorite with a weak potassic alteration overprinting.
			180.93	181.23	0.30		WHPK			i			ARG	i													Intensely argillic altered granodiorite with a weak potassic alteration overprinting.
			183.16	183.52	0.36	VEN	LTGN		s		m				VN	55				w							Phyllic altered granodiorite, mild silica flooding, hosting 3x grey-smokey quartz veins with blebby pyrite and sphalerite.
			189.50	189.80	0.30	VEN	LTGN		ms		tw				VN	80				w		w	tw				Phyllic altered granodiorite, minor quartz flooding, hosting a 2cm milky quartz vein with massive to blebby pyrite, galena and sphalerite.
192.99	194.42	1.43				GRD	LTGN		i		m									tw	tw	tw	tw	Se	m		Strongly phyllic altered granodiorite. Abundant sericite. Zones host large well developed quartz sulphide vein zones. Pyrite and quartz veinlets throughout granodiorite outside and in vein zone.
			193.45	194.07	0.62	VEN	GNWH	VU	i		i				VN	75				ms	tw	m	m				VEIN ZONE! Vuggy milky quartz veins spidered throughout interval. Pervasive pyrite throughout, more intense near quartz veins. Zone also hosts 4x 4cm chalcedony quartz veins with massive coarse grained galena, pyrite and blebby sphalerite and arsenopyrite.
194.42	234.20	39.78				GRD	GYGN		t				PRO	t										Kf	t		Largely unaltered granodiorite with intervals of alteration hosting minor quartz veins. Granodiorite hosts disseminated k-feldspar.
			195.45	197.57	2.12		GNTN	PA	f		tw													Se	tw		Weak to moderate phyllic alterd zone with localized pockets of strong sericite. Some patches of unaltered granodiorite. Altered zones host ankorite and quartz veins and veinlets.
			198.87	199.13	0.26		GNTN		f		tw									tw							Weak to moderate phyllic alterd zone with localized pockets of strong sericite. Altered zones host ankorite and quartz veins and veinlets as well as blebby pyrite associated with quartz veins.
			200.25	200.84	0.59		GNTN		f		tw									tw							Weak to moderate phyllic alterd zone with localized pockets of strong sericite. Altered zones host ankorite and quartz veins and veinlets as well as blebby pyrite associated with quartz veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			202.73	204.55	1.82		GNTN		f		tw									tw								Weak to moderate phyllic alterd zone with localized pockets of strong sericite. Altered zones host ankorite and quartz veins and veinlets as well as blebby pyrite associated with quartz veins.
			203.02	203.38	0.36	VEN	WHGY	FL	i		i				VN	78				f		tw	tw	Ep	ms		Flowbanded milky quartz vein hosting finegrained blebby pyrite and some galena and sphalerite. Sulphides hosted in grey clasts inside the quartz vein. Strong pervasive epidote in granodiorite adjacent to quartz vein.
			204.08	204.28	0.20	VEN	WHGY	FL	i		i				VN	80				f		tw	tw	Ep	i		Flowbanded milky quartz vein hosting finegrained blebby pyrite and some galena and sphalerite. Sulphides hosted in grey clasts inside the quartz vein. Strong pervasive epidote in granodiorite adjacent to quartz vein.
			205.58	206.56	0.98		WHPK			i			ARG	i										Ca	tw		Intensely argillic altered granodiorite with regions o strong potassic and propylitic overprinting. Zone is cross cut by 1-3cm wide calcite veins.
													POT	i										Kf	ms		
													PRO	i													
			208.25	209.20	0.95		DKGN	PA		tw			ARG	tw										Ca	t		Strongly propylitic altered granodiorite with patches of weak argillic. Interval hosts 2x 1cm calcite veins.
													PRO	s													
			215.25	215.78	0.53	VEN	GNOR	BX	i		tw				VN	75				f	t	f	f	Se	i		Intensely sericitized phyllic altered granodiorite. Sericite has gone to orange, yellow colour. Interval hosts milky quartz veins and breccia zones upto 8cm wide hosting massive pyrite, galena, sphalerite and trace arsenopyrite.
			217.98	218.09	0.11	VEN	RDGO		i		i				VN	30				i		tw		He	i		Quartz vein with abundant zoned hematite and pyrite with rare blebby sphalerite throughout. Very low angle, 3cm wide. Host granodiorite is silicified and strongly phyllic altered.
			221.05	221.27	0.22	VEN	DKGN				tw		PRO	i	VN	70				t		tw	tw	Cl	ms		Strongly propylitic altered granodiorite. Dark green colour. Hosting two 1cm wide quartz/ankorite veins with massive sphalerite/galena. Granodiorite alters very dark green for 3cm envelopes around veins. Strong chlorite.
			227.57	228.08	0.51	VEN	DKGN				tw		PRO	i	VN	80				t		tw	tw	Cl	ms		Strongly propylitic altered granodiorite. Dark green colour. Hosting two 1cm wide quartz/ankorite veins with massive sphalerite/galena. Granodiorite alters very dark green for 3cm envelopes around veins. Strong chlorite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			228.60	229.50	0.90		GN		s		tw		PRO	s						t				Ca	i		Phyllic altered granodiorite with a 6cm propylitic altered envelope. Both alteration types are strong. Sericite has gone to yellow/orange. Interval hosts rare disseminated pyrite and a 6cm vuggy calcite vein. Vein at 60 degrees.
																								Se	ms		
			230.29	230.67	0.38	VEN	DKGN				tw		PRO	i	VN	55				t		t	t	Cl	m		Strongly propylitic altered granodiorite. Dark green colour. Hosting two 1cm wide quartz/ankorite veins with massive sphalerite/galena. Granodiorite alters very dark green for 3cm envelopes around veins. Strong chlorite.
			233.85	233.91	0.06	APL	RD	DY			t				DY	80											Aplite dyke. Minor quartz flooding
234.20	242.79	8.59				GRD	GNOR	PA	i		i		ARG	w						w	tw	tw	tw	Se	i		Intensely altered granodiorite largely to sericitizec phyllic alteration but localized zones are argillic or propylitic altered. Phyllic zones host numerous quartz/ankorite veins and veinlets and some large vein zones with massive sulphides. Sericite has gone to orange/yellow colour. Interval is very silicious.
													PRO	w													
			234.50	234.64	0.14	VEN	WHGN		i		80				VN	70				f	m	s					Milky quartz spidered veins with phyllic altered granodiorite clasts adjacent to and cross cutting a white chacedony quartz vein hosting massive arsenopyrite and blebby sphalerite. Entire interval hosts pervasive pyrite.
			237.14	237.19	0.05	VEN	WHGN		i		80				VN	70				f	m	s					Milky quartz spidered veins with phyllic altered granodiorite clasts adjacent to and cross cutting a white chacedony quartz vein hosting massive arsenopyrite and blebby sphalerite. Entire interval hosts pervasive pyrite. Much more narrow than above.
			239.28	241.68	2.40	GRD	GNOR		i		ms									s	t	t	t	Se	i		Strongly phyllic altered and quartz flooded vein zone hosting orange quartz/ankorite veins spidered throughout. Pervasive pyrite and few large massive sulphide veins. Sericite has gone to orange/yellow colour. Sulphides are associated with chalcedony/milky quartz and not orange quartz. Larger orange ankorite veins host quartz clasts (very angular).
			241.06	241.13	0.07	VEN	MTGO	MA	i						VN	80				80	i						Massive pyrite vein hosting a 1cm wide massive arsenopyrite vein at footwall contact.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
242.79	257.80	15.01				GRD	LTGN		i		i		PRO	t						tw	t	t	t	Se	i		Strongly sericitized zone with a plethora of quartz/ankorite veins and veinlets of various orientations (orange colour). Sericite in zone has gone to orange/yellow colour. Interval hosts gouge and sulphide veins. Patchy propylitic/unaltered zones (small). strong silica flooding.
			252.11	252.32	0.21	VEN	RD		i		80				VN	25								He	i		Very low angle, silicious heamatite vein 3cm wide.
			254.60	255.12	0.52	VEN	LTGN		i		i				VN	75				m		m	m				Pervasive pyrite (coarse grained) throughout phyllic altered vein zone. Large milky quartz veins independent from massive galena, sphalerite and pyrite in smokey quartz veins. Pyrite veinlets throughout interval.
			256.30	256.33	0.03	VEN	WH		i		100				VN	60						i	t				Chalcedony quartz vein hosting blebby sphalerite and trace galena. Phyllic altered envelope.
			256.91	257.04	0.13	VEN	GYWH				100				VN	80				40	30		t				Milky quartz vein hosting massive pyrite and arsenopyrite bands as well as trace blebby galena.
257.80	261.67	3.87				GRD	GNWH	PA		ms			ARG	ms													Patchy alternating argillic and propylitic altered granodiorite. Hosts no quartz veins at all.
													PRO	ms													
261.67	273.41	11.74				GRD	LTGN		i		i		PRO	t						tw	t	t	t	Se	i		Strongly sericitized zone with a plethora of quartz/ankorite veins and veinlets of various orientations (orange colour). Sericite in zone has gone to orange/yellow colour. Interval hosts gouge and sulphide veins. Patchy propylitic/unaltered zones (small). strong silica flooding.
			264.61	264.70	0.09	VEN	LTGN		i		i									ms		tw		Ep	ms		Pervasive pyrite and epidote through a phyllic altered envelope around a 1cm quartz vein hosting blebby sphalerite and pyrite.
			265.07	265.56	0.49	VEN	LTGN		i		i									ms		tw		Ep	ms		Pervasive pyrite and epidote through a phyllic altered envelope around a 1cm quartz vein hosting blebby sphalerite and pyrite. Larger and more frequent veins than above.
			265.81	266.00	0.19	VEN	GYGN	GO	i	i	i				VN	75				ms	ms	ms					Banded milky/smokey and clay gouge vein zone. Very broken, hosting massive arsenopyrite/pyrite and sphalerite veins at contact.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			267.03	269.00	1.97	GRD	GNOR		i	ms	ms									s	t	t	t	Se	i		Strongly phyllic altered and quartz flooded vein zone hosting orange quartz/ankorite veins spidered throughout. Pervasive pyrite and few large massive sulphide veins. Sericite has gone to orange/yellow colour. Sulphides are associated with chalcedony/milky quartz and not orange quartz. Larger orange ankorite veins host quartz clasts (very angular). Numerous gouge veins in fractures.
			267.35	267.55	0.20	VEN	WHGY		i		80				VN	80				i	i	m					Milky and chalcedony quartz vein hosting massive arsenopyrite/pyrite and sphalerite. Intensely phyllic altered host rock.
			269.60	269.70	0.10	VEN	LTGN	GO		100					GO	70				tw							Gouge/vein clay zone hosting quartz fragments and disseminated coarse grained pyrite.
			269.87	270.00	0.13	VEN	WHGY		i		80				VN	80				i	i	m					Milky and chalcedony quartz vein hosting massive arsenopyrite/pyrite and sphalerite. Intensely phyllic altered host rock.
			270.40	270.48	0.08	VEN	WHBR	FL	i	ms	i				VN	65				ms		ms					Milky quartz vein hosting massive sphalerite and pyrite. Clear grey colour on contacts. Hosted in phyllic altered semi-gouge material.
			272.22	272.42	0.20	VEN	WHBR	FL	i	ms	i				VN	65				ms		ms					Milky quartz vein hosting massive sphalerite and pyrite. Clear grey colour on contacts. Hosted in phyllic altered semi-gouge material.
273.41	277.85	4.44				GRD	GYWH	PA		ms			ARG	ms													Patchy argillic altered granodiorite and unaltered granodiorite.
277.85	280.78	2.93				GRD	LTGN		i		ms									t				Se	s		Intensely phyllic altered granodiorite. Quartz flooded hosting yellow/orange sericite (pervasive) and abundant quartz/ankorite veinlets.
			280.76	280.78	0.02	VEN	GN	GO		i					GO	68				w							Gouge vein hosting disseminated pyrite at dyke contact.
280.78	291.55	10.77			0.00	POR	LTGY	DY							DY	70											Quartz feldspar porphyry dyke
291.55	293.27	1.72				VEN	BK	MA	i	i					VN	70				i	tw	i	i				VEIN ZONE! Intense vein zone hosting quartz and massive pyrite, arsenopyrite, sphalerite, galena veins banded together. Zone is very broken. 1' gouge vein at footwall contact.
293.27	294.90	1.63				POR	LTGY	DY							DY	70											Quartz feldspar porphyry dyke
			293.34	293.39	0.05	VEN	DKGY				100				VN	80				tw		tw					Grey quartz vein hosting finegrained sphalerite and pyrite disseminated throughout.
294.90	295.31	0.41				VEN	BK	MA	i	i					VN	70				i	m	i	i				VEIN ZONE! Intense vein zone hosting quartz and massive pyrite, arsenopyrite, sphalerite, galena veins banded together. Zone is very broken.
295.31	295.96	0.65				POR	LTGY	DY							DY	70											Quartz feldspar porphyry dyke

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
295.96	301.07	5.11				GRD	GNOR		i	ms	ms									s	t	t	t	Se	i		Strongly phyllic altered and quartz flooded vein zone hosting orange quartz/ankorite veins spidered throughout. Pervasive pyrite and few large massive sulphide veins. Sericite has gone to orange/yellow colour. Sulphides are associated with chalcedony/milky quartz and not orange quartz. Larger orange ankorite veins host quartz clasts (very angular). Numerous gouge veins in fractures. Breccia hosting dyke clasts at contacts.
			295.96	296.41	0.45	BXA	BK	BX	i		i				BX	70				ms	t	ms	ms				Black breccia zone with visible fine grained sulphides in matrix. Clasts are angular and largely made up of massive galena, sphalerite, pyrite or dyke fragments. Footwall side hosts massive galena vein with arsenopyrite at contacts.
			300.35	301.70	1.35	VEN	WHGC	MA			50									i	tw	tw					Milky quartz vein hosting 6cm massive pyrite veins and blebby arsenopyrite and sphalerite.
301.70	308.61	6.91				POR	LTGY	DY							DY	70											Quartz feldspar porphyry dyke
308.61	313.02	4.41				GRD	LTGN		i		tw									tw							Strongly phyllic altered granodiorite with few quartz veins. Minor silica flooding.
			308.01	308.12	0.11		LTGN	FD	i		i				VN	70				m				Se	i		Intensely silica flooded, phyllic altered zone with pervasive pyrite and pyrite veinlets. Strongly sericitized.
313.02	342.21	29.19				GRD	GY			t			ARG	t													Unaltered granodiorite, infrequent argillic altered intervals.
			318.07	318.58	0.51		WHBK			ms			ARG	ms													Moderately argillic altered interval hosting a chalcedony quartz vein 4cm wide.
			328.90	329.63	0.73		WHBK			ms			ARG	ms													Moderately argillic altered granodiorite
			331.96	332.20	0.24	VEN	WHGN		ms		ms		POT	t	VN	70				ms							Strongly phyllic altered granodiorite, light green colour hosting 3x milky quartz veins 2cm wide with blebby pyrite. Localized minor potassic alteration overprinting phyllic.
			332.99	334.47	1.48		WHPK		t		t		ARG	ms													moderately argillically altered interval overprinted by moderate potassic alteration. Interval hosts few chalcedony quartz veins.
													POT	ms													
			335.90	336.70	0.80		GNOR		i		tw													Se	i		Very strong phyllic altered interval hosting pervasive sericite that has gone into a yellow/orange colour. Zone has minor silicious flooding. Ankorite veinlets/stringers throughout.
342.21	350.74	8.53				GRD	LTGN		i		i		PRO	tw						f	t	tw	t				Intensely phyllic altered and quartz flooded granodiorite hosting abundant quartz and sulphide veins. Infrequent clay gouge in some fractures. Localized zones of strong propylitic alteration. Chlorite seems to overprint phyllic in some areas.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			342.96	343.06	0.10	VEN	WH	FL			100				VN	80				i							Chalcedony quartz vein hosting massive blebby pyrite. Footwall side has flowbanded grey and white quartz veins. Less pyrite than massive vein.
			343.58	343.92	0.34	VEN	MT		i		100				VN	80				i	tw	m	tw				Massive chalcedony quartz vein with milky quartz veinlets spidered through hanging wall side. Vein hosts banded massive pyrite, arsenopyrite, sphalerite and galena.
			345.20	345.33	0.13	VEN	DKGY	VU			100				VN	68											Large vuggy, smokey quartz vein
			349.73	349.81	0.08	VEN	DKGY	VU		ms	90				VN	65											Vuggy smokey quartz vein with gouge vein along hangingwall side of interval.
			350.28	350.41	0.13	VEN	GY	FL			100				VN	80											Flowbanded grey/white quartz vein hosting angular clasts of quartz in structure.
350.74	353.85	3.11				GRD	GYGN						PRO	tw													Lightly propyltic altered granodiorite. Minor carbonate in fractures.
353.85	366.38	12.53				GRD	GNGY	PA	m		m		PRO	m						t							Patchy propylitic/phyllic altered granodiorite occasionally moving to unaltered granodiorite. Phyllic altered zones host large, juicy, vuggy milky quartz veins. Highly contrasting interval.
			354.24	354.46	0.22	VEN	DKGY				100				VN	77				t							Broken smokey quartz vein hosting trace finegrained pyrite. Broken bits of gouge in zone.
			361.20	361.26		VEN	WHGN	FL	i		100				VN	80											Flowbanded milky quartz vein hosting intensely phyllic altered angular clasts (very large).
			362.25	362.32		VEN	WHGN	FL	i		101				VN	78											Flowbanded milky quartz vein hosting intensely phyllic altered angular clasts (very large).
			364.53	365.25		VEN	WHGY	VU	i		60									ms		ms					Strongly brecciated and faulted milky quartz vein. Vuggy, hosting blebby massive sphalerite and pyrite. Some veinlets of smokey quartz cross cutting vein. Breccia clasts are composed of smokey/grey quartz and phyllic altered granodiorite.
366.38	380.19					GRD	GY																				Unaltered granodiorite. Dark grey colour
			375.88	376.43			WHGN		i		i									t							Strongly phyllic altered granodiorite hosting numerous milky/smokey quartz veins and trace disseminated pyrite.
380.19	387.72					GRD	GN	PA	ms				PRO	tw						tw				Se	w		Dominantly phyllic altered granodiorite with propylitic altered patches. Phyllic altered zones host chalcedony quartz veins. Some areas have sericite going to yellow/orange colour.
			386.41	386.45		BXA	BK	BX	i						BX	45											Black breccia vein, low angle 2cm wide. Very fine, angular phyllic altered clasts.
387.72	393.93					GRD	GY																				Largely unaltered granodiorite
393.93	402.48					GRD	GYGN		m	t			PRO	t						t		t	t				Alternating between unaltered granodiorite and phyllic/propylitic altered sections. The latter hosts chalcedony quartz veins and massive sulphides.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			394.00	394.63		VEN	LTGN		i		i				VN	?				t							Spidered milky quartz veins, almost netted, very light green phyllic altered host rock. Interval is quartz flooded.
			395.45	395.50		VEN	WHGY	FL	i						VN	75				ms							Flowbanded smokey and milky quartz veins hosting pervasive pyrite and pyrite stringers.
			396.46	396.51		VEN	WHGY	FL	i						VN	75				ms							Flowbanded smokey and milky quartz veins hosting pervasive pyrite and pyrite stringers.
			396.64	396.68		VEN	WHGY	FL	i						VN	78				ms							Flowbanded smokey and milky quartz veins hosting pervasive pyrite and pyrite stringers.
			397.23	397.40		VEN	WHGY	FL	i						VN	75				ms							Flowbanded smokey and milky quartz veins hosting pervasive pyrite and pyrite stringers.
			397.68	399.76		VEN	GYMT	MA			100				VN	75				60		tw					Smokey quartz vein dominated by massive pyrite. Blebby sphalerite also present.
402.48	415.25					GRD	LTGN		i		i		PRO	tw						f	t	tw	t				Intensely phyllic altered and quartz flooded granodiorite hosting abundant quartz and sulphide veins. Infrequent clay gouge in some fractures. Localized zones of strong propylitic alteration. Chlorite seems to overprint phyllic in some areas.
			403.07	403.37		VEN	WHMT	MA	i		60				VN	80				ms			ms				Milky quartz vein hosting massive pyrite and galena.
			403.96	404.20		BXA	BKGN	BX	i		i				BX	78				ms							Black breccia zone. Smokey quartz and gouge veins cross cutting.
			405.00	406.03			LTGN		i		i									ms		t	tw				VEIN ZONE! Phyllic altered granodiorite hosting numerous milky/smokey quartz veins associated with massive galena, pyrite and blebby sphalerite. Disseminated pyrite throughout. Veins are orientated at many different angles.
			410.79	410.87		VEN	WHGY	FL	i						VN	75				ms							Flowbanded smokey and milky quartz veins hosting pervasive pyrite and pyrite stringers.
			412.99	413.40			BKGY		i		i									ms	t	ms	tw				VEIN ZONE! Phyllic altered granodiorite hosting numerous milky/smokey quartz veins associated with massive galena, pyrite and blebby sphalerite. Disseminated pyrite throughout. Veins are orientated at many different angles.
415.25	418.08					POR	LTGY	DY							DY	?											Quartz feldspar porphyry dyke
418.08	425.80					GRD	GY		tw				PRO	tw						t		t					Unaltered granodiorite except for 2 foot vein zone at hanging wall contact with dyke. That zone has weak vein development in phyllic altered granodiorite.
			418.08	418.38		BXA	GYBK	BX			100				BX	75				ms		ms					Quartz breccia zone hosting massive pyrite and sphalerite veinlets.
			419.71	420.81			LTGN		i		tw									tw							Strongly phyllic altered interval hosting minor quartz flooding and numerous pyrite stringers of various orientations.
																											425.80 E.O.H.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-44

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	7.62	7.62		0		0	W	EW		OVB
7.62	11.28	3.66	1.93	53	0.26	7	W	MW		
11.28	14.33	3.05	3.05	100	0.61	20	W	MW		
14.33	17.37	3.04	2.95	97	0.46	15	MS	MW		
17.37	20.42	3.05	2.99	98	0.33	11	MS	MW		
20.42	23.47	3.05	2.75	90	0.37	12	W	MW		
23.47	26.52	3.05	2.46	81	0.45	15	MS	SW		
26.52	29.57	3.05	2.79	91	0.50	16	MS	SW		
29.57	32.61	3.04	3.03	100	0.85	28	MS	SW		
32.61	35.66	3.05	3.04	100	0.68	22	MS	SW		
35.66	38.71	3.05	2.95	97	1.18	39	MS	SW		
38.71	41.75	3.04	3.11	102	1.11	37	S	SW		
41.75	44.81	3.06	3.03	99	1.82	59	MS	SW		
44.81	47.85	3.04	2.97	98	1.74	57	W	SW		
47.85	50.90	3.05	2.99	98	1.02	33	S	FR		
50.90	53.95	3.05	3.18	104	1.48	49	S	FR		
53.95	57.00	3.05	3.05	100	1.71	56	S	FR		
57.00	60.05	3.05	3.06	100	2.22	73	S	FR		
60.05	63.09	3.04	3.01	99	1.91	63	S	FR		
63.09	66.14	3.05	3.05	100	1.94	64	S	FR		
66.14	69.19	3.05	3.10	102	1.72	56	S	FR		
69.19	72.24	3.05	2.95	97	1.25	41	S	FR		
72.24	75.29	3.05	3.06	100	2.27	74	MS	FR		
75.29	78.33	3.04	3.08	101	2.16	71	MS	FR		
78.33	81.38	3.05	3.00	98	2.01	66	MS	FR		
81.38	84.43	3.05	3.03	99	1.79	59	MS	FR		
84.43	87.48	3.05	2.92	96	0.48	16	MS	FR		
87.48	90.53	3.05	3.04	100	0.91	30	MS	FR		
90.53	93.57	3.04	3.17	104	1.24	41	MS	FR		
93.57	96.62	3.05	3.03	99	0.58	19	MS	FR		
96.62	99.67	3.05	3.12	102	1.32	43	MS	FR		
99.67	102.72	3.05	3.11	102	1.53	50	MS	FR		
102.72	105.77	3.05	3.03	99	0.90	30	S	FR		
105.77	108.81	3.04	2.95	97	1.32	43	S	FR		
108.81	111.86	3.05	3.15	103	1.12	37	S	FR		
111.86	114.91	3.05	3.06	100	0.82	27	S	FR		
114.91	117.96	3.05	3.00	98	1.46	48	S	FR		
117.96	121.01	3.05	3.05	100	2.25	74	S	FR		
121.01	124.05	3.04	3.05	100	1.66	55	S	FR		
124.05	127.10	3.05	3.06	100	1.03	34	S	FR		
127.10	130.15	3.05	3.08	101	0.80	26	S	FR		
130.15	133.20	3.05	3.05	100	1.22	40	MS	FR		
133.20	136.25	3.05	2.95	97	1.34	44	MS	FR		
136.25	139.29	3.04	3.05	100	1.12	37	MS	FR		
139.29	142.34	3.05	3.09	101	2.46	81	MS	FR		
142.34	145.39	3.05	3.00	98	1.15	38	MS	FR		
145.39	148.44	3.05	3.13	103	1.36	45	MS	FR		
148.44	151.49	3.05	3.00	98	0.50	16	MS	FR		
151.49	154.53	3.04	2.86	94	0.85	28	MS	FR		
154.53	157.58	3.05	3.13	103	0.20	7	MS	FR		
157.58	160.63	3.05	3.07	101	1.48	49	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	3.15	103	0.72	24	MS	FR		
163.68	166.73	3.05	3.00	98	1.04	34	MS	FR		
166.73	169.77	3.04	2.90	95	1.25	41	MS	FR		
169.77	172.82	3.05	3.14	103	1.59	52	MS	FR		
172.82	175.87	3.05	3.01	99	1.08	35	MS	FR		
175.87	178.92	3.05	3.00	98	2.10	69	MS	FR		
178.92	181.97	3.05	2.94	96	1.23	40	MS	FR		
181.97	185.01	3.04	3.12	103	1.34	44	MS	FR		
185.01	188.06	3.05	3.00	98	1.26	41	MS	FR		
188.06	191.11	3.05	3.05	100	1.75	57	MS	FR		
191.11	194.16	3.05	3.16	104	1.63	53	MS	FR		
194.16	200.25	6.09	3.13	51	2.06	34	MS	FR		
200.25	203.30	3.05	3.08	101	2.13	70	MS	FR		
203.30	206.35	3.05	3.10	102	1.77	58	MS	FR		
206.35	209.40	3.05	3.03	99	1.24	41	MS	FR		
209.40	212.45	3.05	2.99	98	1.47	48	MS	FR		
212.45	215.49	3.04	3.01	99	1.98	65	MS	FR		
215.49	218.54	3.05	3.08	101	1.55	51	MS	FR		
218.54	221.59	3.05	3.10	102	2.73	90	MS	FR		
221.59	224.64	3.05	2.99	98	2.23	73	MS	FR		
224.64	227.69	3.05	2.95	97	1.88	62	MS	FR		
227.69	230.73	3.04	2.96	97	1.68	55	MS	FR		
230.73	233.78	3.05	2.99	98	2.31	76	MS	FR		
233.78	236.83	3.05	3.12	102	2.15	70	MS	FR		
236.83	239.87	3.04	2.95	97	1.02	34	MS	FR		
239.87	242.93	3.06	2.95	96	1.52	50	MS	FR		
242.93	245.97	3.04	3.17	104	1.24	41	MS	FR		
245.97	249.02	3.05	3.02	99	1.43	47	MS	FR		
249.02	252.07	3.05	3.04	100	1.57	51	MS	FR		
252.07	255.12	3.05	3.05	100	1.04	34	MS	FR		
255.12	258.17	3.05	3.03	99	1.29	42	MS	FR		
258.17	261.21	3.04	3.06	101	0.98	32	MS	FR		
261.21	264.26	3.05	3.15	103	1.21	40	MS	FR		
264.26	267.31	3.05	3.09	101	1.79	59	MS	FR		
267.31	270.36	3.05	3.02	99	1.53	50	MS	FR		
270.36	273.41	3.05	3.06	100	0.96	31	MS	FR		
273.41	276.45	3.04	3.08	101	1.25	41	MS	FR		
276.45	279.50	3.05	3.00	98	1.14	37	MS	FR		
279.50	282.55	3.05	3.08	101	0.75	25	MS	FR		
282.55	285.60	3.05	3.00	98	0.41	13	MS	FR		
285.60	288.65	3.05	3.09	101	0.43	14	MS	FR		
288.65	291.70	3.05	3.09	101	0.20	7	MS	FR		
291.70	294.74	3.04	3.08	101	0.72	24	MS	FR		
294.74	297.79	3.05	3.08	101	0.74	24	MS	FR		
297.79	300.84	3.05	3.08	101	1.59	52	MS	FR		
300.84	303.88	3.04	2.86	94	1.57	52	MS	FR		
303.88	306.93	3.05	3.15	103	0.96	31	MS	FR		
306.93	309.98	3.05	3.11	102	0.80	26	MS	FR		
309.98	313.02	3.04	3.00	99	0.73	24	MS	FR		
313.02	316.08	3.06	3.03	99	1.33	43	MS	FR		
316.08	319.12	3.04	3.01	99	1.63	54	MS	FR		
319.12	322.17	3.05	3.02	99	1.51	50	MS	FR		
322.17	325.22	3.05	3.03	99	1.97	65	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
325.22	328.27	3.05	3.11	102	1.60	52	MS	FR		
328.27	331.32	3.05	3.10	102	1.57	51	MS	FR		
331.32	334.37	3.05	3.07	101	2.57	84	MS	FR		
334.37	337.41	3.04	3.03	100	2.57	85	MS	FR		
337.41	340.46	3.05	3.03	99	1.79	59	MS	FR		
340.46	343.51	3.05	2.88	94	1.64	54	MS	FR		
343.51	346.56	3.05	3.05	100	1.99	65	MS	FR		
346.56	349.60	3.04	3.03	100	1.41	46	MS	FR		
349.60	352.65	3.05	2.96	97	2.49	82	MS	FR		
352.65	355.70	3.05	3.04	100	1.05	34	MS	FR		
355.70	358.75	3.05	3.03	99	2.35	77	MS	FR		
358.75	361.80	3.05	2.99	98	1.97	65	MS	FR		
361.80	364.85	3.05	3.05	100	1.94	64	MS	FR		
364.85	367.89	3.04	3.04	100	2.54	84	MS	FR		
367.89	370.94	3.05	3.05	100	2.28	75	MS	FR		
370.94	373.99	3.05	2.98	98	0.89	29	MS	FR		
373.99	377.04	3.05	3.02	99	1.51	50	MS	FR		
377.04	380.09	3.05	2.90	95	1.77	58	MS	FR		
380.09	383.13	3.04	2.91	96	1.35	44	MS	FR		
383.13	386.18	3.05	3.05	100	1.28	42	MS	FR		
386.18	389.23	3.05	3.04	100	2.03	67	S	FR		
389.23	392.28	3.05	3.08	101	1.79	59	S	FR		
392.28	395.33	3.05	2.95	97	2.07	68	S	FR		
395.33	398.37	3.04	3.10	102	2.60	86	S	FR		
398.37	401.42	3.05	3.13	103	2.27	74	S	FR		
401.42	404.47	3.05	2.97	97	1.86	61	S	FR		
404.47	407.52	3.05	3.21	105	1.59	52	S	FR		
407.52	410.57	3.05	3.08	101	2.09	69	S	FR		
410.57	413.61	3.04	3.07	101	1.32	43	S	FR		
413.61	416.66	3.05	2.94	96	1.46	48	S	FR		
416.66	419.71	3.05	3.08	101	1.68	55	S	FR		
419.71	422.76	3.05	3.02	99	1.87	61	S	FR		EOH @ 425.80m

SAMPLE LOG

HOLE: KL-11-44

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	7.62	7.62		0	N/S						
7.62	10.00	2.38	2.30	97	L828715	1					
10.00	12.80	2.80	2.50	89	L828716	1					
12.80	14.21	1.41	1.40	99	L828717	1					
14.21	17.02	2.81	2.78	99	L828718	1					
					L828719	1					Blank
17.02	18.58	1.56	1.41	90	L828720	1					
18.58	20.42	1.84	1.80	98	L828721	1					
20.42	22.40	1.98	1.98	100	L828722	1					
22.40	23.47	1.07	1.00	93	L828723	1					
23.47	26.28	2.81	2.80	100	L828724	1					
26.28	27.70	1.42	1.40	99	L828725	1					
					L828726	1					Blank
27.70	30.36	2.66	2.56	96	L828727	1					
30.36	31.71	1.35	1.30	96	L828728	1					
31.71	32.61	0.90	0.88	98	L828729	1					
					L828730	1					Duplicate
32.61	34.91	2.30	2.30	100	L828731	1					
34.91	36.16	1.25	1.25	100	L828732	1					
36.16	38.31	2.15	2.10	98	L828733	1					
38.31	39.89	1.58	1.50	95	L828734	1					
					L828735	1					Standard: CDN-ME-16
39.89	41.07	1.18	1.15	97	L828736	1					
41.07	42.18	1.11	1.10	99	L828737	1					
42.18	44.81	2.63	2.50	95	L828738	1					
					L828739	1					Standard: CDN-ME-16
44.81	46.19	1.38	1.35	98	L828740	1					
46.19	47.42	1.23	1.20	98	L828741	1					
47.42	48.92	1.50	1.50	100	L828742	1					
48.92	50.00	1.08	1.05	97	L828743	1					
50.00	52.51	2.51	2.50	100	L828744	1					
52.51	53.51	1.00	0.94	94	L828745	1					
53.51	56.00	2.49	2.49	100	L828746	1					
56.00	58.08	2.08	2.00	96	L828747	1					
58.08	58.82	0.74	0.70	95	L828748	1					
58.82	61.08	2.26	2.27	100	L828749	1					
61.08	64.11	3.03	3.02	100	L828750	1					
64.11	64.98	0.87	0.85	98	L828751	2					
					L828752	2					Blank
64.98	67.10	2.12	2.10	99	L828753	2					
67.10	69.17	2.07	2.07	100	L828754	2					
69.17	72.24	3.07	3.07	100	L828755	2					
72.24	74.25	2.01	2.01	100	L828756	2					
74.25	75.73	1.48	1.40	95	L828757	2					
75.73	76.73	1.00	1.00	100	L828758	2					
76.73	77.88	1.15	1.10	96	L828759	2					
					L828760	2					Duplicate
77.88	80.39	2.51	2.50	100	L828761	2					
80.39	82.19	1.80	1.80	100	L828762	2					
82.19	84.43	2.24	2.20	98	L828763	2					
84.43	87.48	3.05	3.05	100	L828764	2					
87.48	90.53	3.05	3.05	100	L828765	2					
					L828766	2					Standard: CDN-ME-16
90.53	92.27	1.74	1.70	98	L828767	2					
92.27	94.08	1.81	1.80	99	L828768	2					
94.08	95.11	1.03	1.00	97	L828769	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
95.11	96.62	1.51	1.50	99	L828770	2					
					L828771	2					Standard: CDN-ME-16
96.62	99.67	3.05	3.05	100	L828772	2					
99.67	100.88	1.21	1.21	100	L828773	2					
100.88	101.88	1.00	1.00	100	L828774	2					
101.88	103.81	1.93	1.85	96	L828775	2					
					L828776	2					Blank
103.81	104.89	1.08	1.00	93	L828777	2					
104.89	106.08	1.19	1.19	100	L828778	2					
106.08	108.81	2.73	2.70	99	L828779	2					
108.81	111.86	3.05	3.05	100	L828780	2					
111.86	114.91	3.05	3.05	100	L828781	2					
114.91	117.96	3.05	3.05	100	L828782	2					
117.96	121.01	3.05	3.00	98	L828783	2					
121.01	123.05	2.04	2.00	98	L828784	2					
123.05	124.05	1.00	0.85	85	L828785	2					
124.05	127.04	2.99	2.80	94	L828786	2					
127.04	127.91	0.87	0.70	80	L828787	3					
127.91	130.15	2.24	2.20	98	L828788	3					
130.15	132.01	1.86	1.80	97	L828789	3					
132.01	133.01	1.00	0.95	95	L828790	3					
					L828791	3					Blank
133.01	135.49	2.48	2.40	97	L828792	3					
135.49	136.89	1.40	1.40	100	L828793	3					
136.89	138.55	1.66	1.50	90	L828794	3					
138.55	140.89	2.34	2.20	94	L828795	3					
140.89	142.29	1.40	1.35	96	L828796	3					
142.29	144.26	1.97	1.90	96	L828797	3					
					L828798	3					Standard: CDN-ME-16
144.26	145.39	1.13	1.13	100	L828799	3					
145.39	148.44	3.05	3.05	100	L828800	3					
148.44	151.49	3.05	3.05	100	L828801	3					
					L828802	3					Standard: CDN-ME-16
151.49	154.53	3.04	3.00	99	L828803	3					
154.53	157.53	3.00	3.00	100	L828804	3					
157.53	160.63	3.10	3.00	97	L828805	3					
160.63	162.34	1.71	1.74	102	L828806	3					
162.34	163.34	1.00	0.80	80	L828807	3					
163.34	164.34	1.00	0.96	96	L828808	3					
					L828809	3					Blank
164.34	166.45	2.11	2.01	95	L828810	3					
166.45	168.60	2.15	2.10	98	L828811	3					
168.60	169.77	1.17	1.15	98	L828812	3					
169.77	172.82	3.05	3.05	100	L828813	3					
172.82	174.34	1.52	1.50	99	L828814	3					
174.34	175.75	1.41	1.32	45	L828815	3					
					L828816	3					Duplicate
175.75	178.92	3.17	3.17	2	L828817	3					
178.92	181.97	3.05	3.05	100	L828818	3					
181.97	183.52	1.55	1.50	97	L828819	3					
183.52	186.35	2.83	2.80	99	L828820	3					
186.35	189.12	2.77	2.70	97	L828821	3					
189.12	190.12	1.00	1.00	100	L828822	3					
190.12	193.00	2.88	2.87	100	L828823	4					
193.00	194.42	1.42	1.42	100	L828824	4					
					L828825	4					Blank
194.42	196.12	1.70	1.50	88	L828826	4					
196.12	197.59	1.47	1.47	100	L828827	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
197.59	200.25	2.66	2.66	100	L828828	4					
200.25	203.02	2.77	2.75	99	L828829	4					
203.02	204.44	1.42	1.40	99	L828830	4					
					L828831	4					Blank
204.44	205.58	1.14	1.10	96	L828832	4					
					L828833	4					Duplicate
205.58	206.58	1.00	0.92	92	L828834	4					
206.58	208.25	1.67	1.63	98	L828835	4					
208.25	209.25	1.00	1.00	100	L828836	4					
					L828837	4					Standard: CDN-ME-16
209.25	212.45	3.20	3.20	100	L828838	4					
212.45	215.20	2.75	2.75	100	L828839	4					
215.20	215.96	0.76	0.70	92	L828840	4					
215.96	218.54	2.58	2.56	99	L828841	4					
218.54	221.59	3.05	3.01	99	L828842	4					
221.59	224.64	3.05	3.05	100	L828843	4					
					L828844	4					Standard: CDN-ME-16
224.64	227.57	2.93	2.90	99	L828845	4					
227.57	229.52	1.95	1.89	97	L828846	4					
229.52	232.48	2.96	2.96	100	L828847	4					
232.48	234.00	1.52	1.51	99	L828848	4					
234.00	235.00	1.00	0.96	96	L828849	4					
235.00	235.92	0.92	0.90	98	L828850	4					
235.92	237.38	1.46	1.41	97	L828851	4					
237.38	239.30	1.92	1.91	99	L828852	4					
239.30	241.68	2.38	2.38	100	L828853	4					
241.68	242.93	1.25	1.09	87	L828854	4					
242.93	245.97	3.04	3.00	99	L828855	4					
245.97	247.30	1.33	1.33	100	L828856	4					
247.30	249.02	1.72	1.72	100	L828857	4					
249.02	252.07	3.05	3.05	100	L828858	4					
252.07	254.20	2.13	2.13	100	L828859	5					
254.20	255.20	1.00	1.00	100	L828860	5					
255.20	256.20	1.00	0.90	90	L828861	5					
256.20	257.20	1.00	0.88	88	L828862	5					
					L828863	5					Blank
257.20	259.59	2.39	2.32	97	L828864	5					
259.59	262.54	2.95	2.90	98	L828865	5					
262.54	264.61	2.07	2.06	100	L828866	5					
264.61	266.01	1.40	1.40	100	L828867	5					
266.01	267.02	1.01	1.00	99	L828868	5					
					L828869	5					Duplicate
267.02	269.02	2.00	2.00	100	L828870	5					
269.02	270.48	1.46	1.45	99	L828871	5					
					L828872	5					Blank
270.48	271.65	1.17	1.09	93	L828873	5					
271.65	272.65	1.00	0.98	98	L828874	5					
272.65	275.30	2.65	2.64	100	L828875	5					
275.30	277.88	2.58	2.58	100	L828876	5					
277.88	279.50	1.62	1.62	100	L828877	5					
279.50	280.78	1.28	1.28	100	L828878	5					
280.78	282.55	1.77	1.73	98	L828879	5					
282.55	285.60	3.05	3.05	100	L828880	5					
					L828881	5					Standard: CDN-ME-16
285.60	288.65	3.05	2.91	95	L828882	5					
288.65	291.55	2.90	2.90	100	L828883	5					
291.55	293.39	1.84	1.84	100	L828884	5					
293.39	294.90	1.51	1.51	100	L828885	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
294.90	296.41	1.51	1.50	99	L828886	5					
296.41	298.99	2.58	2.58	100	L828887	5					
298.99	300.36	1.37	1.33	97	L828888	5					
300.36	301.70	1.34	1.34	100	L828889	5					
301.70	303.88	2.18	2.07	95	L828890	5					
					L828891	5					Standard: CDN-ME-16
303.88	306.93	3.05	3.03	99	L828892	5					
306.93	308.55	1.62	1.42	88	L828893	5					
308.55	309.98	1.43	1.43	100	L828894	5					
309.98	313.02	3.04	3.04	100	L828895	6					
313.02	316.08	3.06	3.01	98	L828896	6					
316.08	319.12	3.04	3.04	100	L828897	6					
319.12	322.17	3.05	3.05	100	L828898	6					
322.17	325.22	3.05	3.05	100	L828899	6					
					L828900	6					Standard: CDN-ME-16
325.22	328.27	3.05	3.05	100	L828901	6					
328.27	331.22	2.95	2.95	100	L828902	6					
331.22	332.99	1.77	1.70	96	L828903	6					
332.99	334.47	1.48	1.39	94	L828904	6					
334.47	335.90	1.43	1.43	100	L828905	6					
335.90	336.90	1.00	2.40	240	L828906	6					
336.90	340.00	3.10	3.04	98	L828907	6					
340.00	342.96	2.96	2.96	100	L828908	6					
342.96	343.98	1.02	1.00	98	L828909	6					
343.98	345.65	1.67	1.59	95	L828910	6					
					L828911	6					Blank
345.65	347.93	2.28	2.28	100	L828912	6					
347.93	350.70	2.77	2.77	100	L828913	6					
350.70	353.97	3.27	3.25	99	L828914	6					
353.97	354.97	1.00	1.00	100	L828915	6					
					L828916	6					Blank
354.97	355.84	0.87	0.77	89	L828917	6					
355.84	357.85	2.01	2.00	100	L828918	6					
357.85	360.65	2.80	2.80	100	L828919	6					
360.65	362.33	1.68	1.59	95	L828920	6					
362.33	363.53	1.20	1.19	99	L828921	6					
					L828922	6					Duplicate
363.53	365.25	1.72	1.68	98	L828923	6					
365.25	366.38	1.13	1.07	95	L828924	6					
366.38	368.61	2.23	2.23	100	L828925	6					
					L828926	6					Standard: CDN-ME-16
368.61	370.94	2.33	2.10	90	L828927	6					
370.94	373.99	3.05	3.05	100	L828928	6					
373.99	375.66	1.67	1.67	100	L828929	6					
375.66	376.66	1.00	0.97	97	L828930	6					
376.66	380.19	3.53	3.50	99	L828931	7					
380.19	382.17	1.98	1.90	96	L828932	7					
					L828933	7					Blank
382.17	385.11	2.94	2.90	99	L828934	7					
385.11	386.45	1.34	1.30	97	L828935	7					
386.45	387.72	1.27	1.20	94	L828936	7					
					L828937	7					Duplicate
387.72	390.95	3.23	3.23	100	L828938	7					
390.95	393.93	2.98	2.90	97	L828939	7					
					L828940	7					Standard: CDN-ME-16
393.93	395.50	1.57	1.49	95	L828941	7					
395.50	397.50	2.00	2.00	100	L828942	7					
397.50	399.26	1.76	1.70	97	L828943	7					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
399.26	399.76	0.50	0.50	100	L828944	7					
399.76	401.42	1.66	1.60	96	L828945	7					
401.42	403.05	1.63	1.41	87	L828946	7					
403.05	404.47	1.42	1.40	99	L828947	7					
					L828948	7					Blank
404.47	406.04	1.57	1.50	96	L828949	7					
406.04	408.40	2.36	2.36	100	L828950	7					
408.40	410.79	2.39	2.32	97	L828951	7					
410.79	411.79	1.00	0.91	91	L828952	7					
411.79	413.41	1.62	1.60	99	L828953	7					
413.41	415.25	1.84	1.78	97	L828954	7					
415.25	418.08	2.83	2.83	100	L828955	7					
418.08	419.08	1.00	1.00	100	L828956	7					
419.08	421.57	2.49	2.42	97	L828957	7					
421.57	424.28	2.71	2.71	100	L828958	7					
424.28	425.80	1.52	1.52	100	L828959	7					
	EOH										

DENSITY LOG

Hole: **KL-11-44**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	pyrite %	arseno %	sphal %	Other	%							
												2004.3	1756.3	2000g standard		8.08
82.06-82.13	VEN	PA			5%	5%		GA	10%	7.006	6.354	768.4	551.5		3.46	3.54
												1998	1753.2	2000g standard		8.16
194.36-194.46	GRD/VEN		Phyllic	ms	f			GA	m	10.054	6.349	895	587.1		2.81	2.91
												1987.7	1753.2	2000g standard		8.48
215.55-215.65	GRD/VEN		phyllic	ms	71		10	GA	5	10.15	6.345	941.5	634.5		2.93	3.07
												1993.4	1754.3	2000g standard		8.34
301.6-301.7	GRD/VEN	BX	phyllic	ms	5		3	GA	7	9.9	6.364	908.3	607.5		2.88	3.02

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-44

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00				
6.00				
7.00			29.49	
8.00			0.115	
9.00			0.292	
10.00			0.571	
11.00			0.383	
12.00			0.068	
13.00			0.127	
14.00			0.562	
15.00			0.043	
16.00			0.332	
17.00			0.673	
18.00			0.012	
19.00			0.622	
20.00			0.354	
21.00			0.146	
22.00			0.409	
23.00			0.514	
24.00			0.436	
25.00			0.245	
26.00			1.303	
27.00			0.994	
28.00			23.33	
29.00			25.8	
30.00			11.26	
31.00			1.299	
32.00			0.647	
33.00			6.622	
34.00			17.52	
35.00			4.242	
36.00			0.283	
37.00			0.452	
38.00			0.827	
39.00			0.813	
40.00			1.056	
41.00			0.859	
42.00			0.404	
43.00			1.117	
44.00			11.39	
45.00			28.6	
46.00			14.9	
47.00			0.677	
48.00			10.45	
49.00			0.642	
50.00			14.41	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			5.651	
52.00			25.75	
53.00			0.608	
54.00			0.768	
55.00			25.98	
56.00			5.577	
57.00			23.83	
58.00			27.2	
59.00			20.1	
60.00			22.63	
61.00			22.59	
62.00			23.58	
63.00			10.18	
64.00			11.89	
65.00			0.778	
66.00			0.383	
67.00			11.93	
68.00			25.18	
69.00			29.13	
70.00			26.33	
71.00			28.95	
72.00			26.05	
73.00			10.39	
74.00			27.05	
75.00			2.107	
76.00			0.784	
77.00			1.368	
78.00			0.685	
79.00			4.014	
80.00			0.631	
81.00			0.412	
82.00			0.426	
83.00			5.727	
84.00			7.902	
85.00			15.89	
86.00			12.79	
87.00			26.29	
88.00			7.956	
89.00			30.98	
90.00			0.919	
91.00			0.943	
92.00			0.41	
93.00			0.545	
94.00			0.679	
95.00			0.333	
96.00			14.86	
97.00			15.87	
98.00			2.097	
99.00			5.252	
100.00			1.313	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			16.88	
102.00			24.7	
103.00			28.13	
104.00			0.847	
105.00			0.591	
106.00			0.464	
107.00			19.79	
108.00			1.147	
109.00			28.93	
110.00			12.24	
111.00			22.83	
112.00			15.48	
113.00			14.72	
114.00			15.04	
115.00			27.19	
116.00			25.59	
117.00			8.766	
118.00			4.159	
119.00			1.192	
120.00			5.034	
121.00			11.09	
122.00			0.61	
123.00			1.37	
124.00			0.432	
125.00			10.92	
126.00			14.18	
127.00			0.753	
128.00			19.13	
129.00			0.705	
130.00			20.83	
131.00			47.54	
132.00			25.55	
133.00			0.845	
134.00			26.99	
135.00			30.69	
136.00			26.97	
137.00			0.489	
138.00			0.479	
139.00			8.093	
140.00			31.97	
141.00			19.28	
142.00			25.85	
143.00			13.98	
144.00			0.599	
145.00			29.76	
146.00			32.92	
147.00			22.84	
148.00			24.23	
149.00			8.96	
150.00			30.23	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			26.8	
152.00			3.487	
153.00			29.65	
154.00			23.46	
155.00			37.16	
156.00			24.76	
157.00			28.84	
158.00			37.54	
159.00			23.08	
160.00			8.908	
161.00			0.817	
162.00			15.09	
163.00			0.476	
164.00			0.473	
165.00			0.713	
166.00			0.447	
167.00			0.601	
168.00			0.244	
169.00			0.4	
170.00			0.496	
171.00			0.307	
172.00			0.222	
173.00			0.784	
174.00			0.678	
175.00			6.929	
176.00			0.948	
177.00			19.61	
178.00			1.326	
179.00			0.735	
180.00			12.62	
181.00			24	
182.00			0.815	
183.00			0.577	
184.00			38.26	
185.00			44.94	
186.00			37.15	
187.00			36.05	
188.00			36.91	
189.00			35.43	
190.00			20.1	
191.00			28.39	
192.00			21.37	
193.00			20.67	
194.00			0.639	
195.00			0.483	
196.00			0.598	
197.00			0.456	
198.00			19.97	
199.00			26.4	
200.00			25.25	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.491	
202.00			25.47	
203.00			0.531	
204.00			0.555	
205.00			16.56	
206.00			1.025	
207.00			0.834	
208.00			37.14	
209.00			12.89	
210.00			35.08	
211.00			23.15	
212.00			8.174	
213.00			20.37	
214.00			1.012	
215.00			24.63	
216.00			25.79	
217.00			19.54	
218.00			1.62	
219.00			1.642	
220.00			31.39	
221.00			31.97	
222.00			19.84	
223.00			13.16	
224.00			27.02	
225.00			20.87	
226.00			24.3	
227.00			3.022	
228.00			0.567	
229.00			0.325	
230.00			17.25	
231.00			21.3	
232.00			17.57	
233.00			11.24	
234.00			7.83	
235.00			0.392	
236.00			0.44	
237.00			0.298	
238.00			0.279	
239.00			0.545	
240.00			0.393	
241.00			0.301	
242.00			0.276	
243.00			1.157	
244.00			5.821	
245.00			0.577	
246.00			0.206	
247.00			0.582	
248.00			0.294	
249.00			0.41	
250.00			0.335	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.284	
252.00			0.26	
253.00			0.314	
254.00			0.975	
255.00			0.44	
256.00			0.606	
257.00			0.551	
258.00			2.535	
259.00			1.111	
260.00			0.903	
261.00			14.69	
262.00			7.992	
263.00			0.375	
264.00			0.464	
265.00			0.555	
266.00			0.467	
267.00			0.354	
268.00			0.334	
269.00			0.401	
270.00			0.649	
271.00			0.475	
272.00			0.446	
273.00			3.609	
274.00			5.095	
275.00			4.015	
276.00			10.82	
277.00			1.486	
278.00			0.441	
279.00			0.349	
280.00			0.293	
281.00			0.327	
282.00			0.24	
283.00			0.262	
284.00			0.336	
285.00			0.254	
286.00			0.25	
287.00			0.196	
288.00			0.283	
289.00			0.324	
290.00			0.262	
291.00			0.225	
292.00			0.198	
293.00			0.282	
294.00			0.405	
295.00			0.341	
296.00			0.423	
297.00			0.547	
298.00			0.374	
299.00			2.629	
300.00			0.361	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.054	
302.00			0.427	
303.00			0.266	
304.00			0.272	
305.00			0.349	
306.00			0.269	
307.00			0.277	
308.00			0.236	
309.00			0.506	
310.00			0.219	
311.00			0.243	
312.00			0.132	
313.00			3.533	
314.00			34.69	
315.00			10.03	
316.00			30.77	
317.00			34.87	
318.00			29.74	
319.00			37.78	
320.00			27.88	
321.00			28.02	
322.00			33.61	
323.00			31.27	
324.00			36.2	
325.00			25.73	
326.00			11.42	
327.00			20.87	
328.00			25.62	
329.00			19.05	
330.00			29.05	
331.00			36.34	
332.00			2.055	
333.00			13.87	
334.00			1.088	
335.00			32.24	
336.00			0.401	
337.00			28.6	
338.00			0.715	
339.00			36.77	
340.00			5.575	
341.00			2.882	
342.00			7.96	
343.00			0.162	
344.00			0.244	
345.00			0.21	
346.00			0.345	
347.00			0.35	
348.00			0.288	
349.00			0.412	
350.00			0.432	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			29.87	
352.00			0.557	
353.00			7.97	
354.00			0.45	
355.00			7.132	
356.00			0.335	
357.00			0.298	
358.00			0.462	
359.00			23.99	
360.00			8.527	
361.00			0.223	
362.00			0.42	
363.00			0.629	
364.00			0.406	
365.00			0.428	
366.00			0.499	
367.00			31.34	
368.00			19.24	
369.00			26.5	
370.00			37.54	
371.00			25.7	
372.00			27.75	
373.00			33.83	
374.00			31.45	
375.00			27.37	
376.00			20.19	
377.00			0.612	
378.00			21.07	
379.00			43.18	
380.00			31.39	
381.00			0.777	
382.00			0.239	
383.00			0.326	
384.00			0.373	
385.00			0.315	
386.00			0.2	
387.00			0.837	
388.00			32.08	
389.00			22.69	
390.00			41.81	
391.00			45.66	
392.00			10.09	
393.00			7.963	
394.00			6.586	
395.00			0.518	
396.00			6.954	
397.00			0.445	
398.00			12.83	
399.00			14.82	
400.00			1.025	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
401.00			23.3	
402.00			0.314	
403.00			0.468	
404.00			0.113	
405.00			0.114	
406.00			0.518	
407.00			0.712	
408.00			6.941	
409.00			3.57	
410.00			0.723	
411.00			0.382	
412.00			0.316	
413.00			0.066	
414.00			0.172	
415.00			0.289	
416.00			0.266	
417.00			0.313	
418.00			0.313	
419.00			0.779	
420.00			0.569	
421.00			6.356	
422.00			8.433	
423.00			43.25	
424.00			42.34	
425.00			0.502	EOH @ 425.80m

BOX LOG

HOLE: KL-11-44

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	10.96	36	145.39	148.97	71	285.76	289.52
2	10.96	14.72	37	148.97	152.97	72	289.52	293.27
3	14.72	18.58	38	152.97	156.70	73	293.27	297.17
4	18.58	22.80	39	156.70	160.86	74	297.17	301.13
5	22.80	27.04	40	160.86	164.38	75	301.13	305.25
6	27.04	31.07	41	164.38	168.44	76	305.25	309.08
7	31.07	34.91	42	168.44	172.03	77	309.08	312.64
8	34.91	38.71	43	172.03	175.75	78	312.64	316.78
9	38.71	42.64	44	175.75	179.82	79	316.78	320.87
10	42.64	46.80	45	179.82	183.11	80	320.87	325.12
11	46.80	50.72	46	183.11	188.20	81	325.12	329.10
12	50.72	54.55	47	188.20	192.40	82	329.10	333.25
13	54.55	58.82	48	192.40	196.34	83	333.25	337.41
14	58.82	63.09	49	196.34	200.25	84	337.41	341.37
15	63.09	67.10	50	200.21	204.41	85	341.37	345.70
16	67.10	70.86	51	204.41	208.45	86	345.70	349.72
17	70.86	75.29	52	208.45	212.45	87	349.72	353.87
18	75.29	79.42	53	212.45	216.58	88	353.87	357.85
19	79.42	83.65	54	216.58	220.46	89	357.85	362.17
20	83.65	87.63	55	220.46	224.74	90	362.17	366.38
21	87.63	91.43	56	224.74	229.05	91	366.38	370.80
22	91.43	95.11	57	229.05	232.34	92	370.80	374.66
23	95.11	99.00	58	232.34	237.38	93	374.66	378.60
24	99.00	103.07	59	237.38	240.68	94	378.60	382.76
25	103.07	106.43	60	240.68	245.65	95	382.76	386.79
26	106.43	110.43	61	245.65	249.46	96	386.79	390.95
27	110.43	114.43	62	249.46	253.70	97	390.95	395.33
28	114.43	117.96	63	253.70	257.80	98	395.33	399.42
29	117.96	122.22	64	267.80	261.57	99	399.42	403.47
30	122.22	126.23	65	261.57	265.66	100	403.47	407.52
31	126.23	129.95	66	265.66	269.87	101	407.52	411.67
32	129.95	133.59	67	269.87	273.97	102	411.67	415.95
33	133.59	137.48	68	273.97	278.00	103	415.95	419.99
34	137.48	141.71	69	278.00	281.77	104	419.99	424.28
35	141.71	145.39	70	281.77	285.76	105	424.28	425.80

EOH @ 425.80m

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
					252.07

ZONE: Regional Drilling

SECTION:

HOLE: KL-11-45

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (252.07 m / EOH

Casing depth: _____ (m) in / out

Drilling dates: July 24 - 31, 2011

Geology logged by: J. Tarswell / D. Walsh

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	160.63	48.9	-47.9	Ranger
69.19	47.7	-49.6	Ranger	191.1	49.9	-46.6	Ranger
99.67	47.4	-49.1	Ranger	221.58	51.6	-44.9	Ranger
130.15	48.6	-47.9	Ranger	252.06	53.6	-43.3	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments

SAMPLES

Numbers: K972343 - K972479

Total: 136

Batch: DDH-45 B1-B4

Date Sent:

Certificate: WH11176279, WH11177098, WH11182227, WH11185126

COMMENTS

GEOLOGY LOG

HOLE: KL-11-45

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-45

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	6.51	6.51	0.00	0	0.00	0	MS	SW		Casing - no recovery
6.51	8.23	1.72	1.75	102	0.35	20	MS	SW		
8.23	11.28	3.05	2.18	71	0.28	9	MS	SW		
11.28	14.33	3.05	2.02	66	0.32	10	MS	SW		
14.33	17.37	3.04	2.87	94	0.99	33	MS	SW		
17.37	20.42	3.05	2.59	85	0.68	22	MS	SW		
20.42	23.47	3.05	2.59	85	0.70	23	MS	SW		
23.47	26.52	3.05	2.83	93	0.51	17	MS	SW		
26.52	29.57	3.05	2.73	90	0.18	6	MS	MW		
29.57	32.01	2.44	2.69	110	0.59	24	MS	MW		
32.01	35.66	3.65	2.87	79	1.38	38	MS	MW		
35.66	38.71	3.05	3.04	100	0.72	24	MS	MW		
38.71	41.76	3.05	3.01	99	0.89	29	MS	MW		
41.76	44.81	3.05	1.21	40	0.10	3	MS	MW		
44.81	47.85	3.04	2.90	95	0.52	17	MS	MW		
47.85	50.90	3.05	2.54	83	0.46	15	MS	MW		
50.90	53.95	3.05	2.56	84	0.32	10	MS	MW		
53.95	57.00	3.05	3.03	99	0.70	23	MS	MW		
57.00	60.05	3.05	2.92	96	1.48	49	MS	MW		
60.05	63.09	3.04	3.03	100	1.19	39	MS	FR		
63.09	66.14	3.05	2.92	96	0.97	32	MS	FR		
66.14	69.19	3.05	2.87	94	0.62	20	MS	FR		
69.19	72.24	3.05	2.85	93	0.45	15	MS	FR		
72.24	75.28	3.04	2.87	94	0.22	7	MS	FR		
75.28	78.33	3.05	2.74	90	0.13	4	MS	FR		
78.33	81.38	3.05	2.99	98	0.88	29	MS	FR		
81.38	84.43	3.05	2.67	88	0.73	24	MS	FR		
84.43	87.48	3.05	2.84	93	0.34	11	MS	FR		
87.48	90.53	3.05	2.97	97	0.90	30	MS	FR		
90.53	93.57	3.04	3.00	99	0.62	20	MS	FR		
93.57	96.62	3.05	3.06	100	1.53	50	MS	FR		
96.62	99.67	3.05	3.02	99	0.83	27	MS	FR		
99.67	102.72	3.05	3.09	101	1.04	34	MS	FR		
102.72	105.77	3.05	3.02	99	0.33	11	MS	FR		
105.77	108.81	3.04	2.91	96	0.36	12	MS	FR		
108.81	111.86	3.05	3.04	100	0.38	12	MS	FR		
111.86	114.91	3.05	3.02	99	1.68	55	MS	FR		
114.91	117.96	3.05	2.91	95	0.61	20	MS	FR		
117.96	121.01	3.05	3.03	99	0.86	28	MS	FR		
121.01	124.05	3.04	2.92	96	0.27	9	MS	FR		
124.05	127.10	3.05	2.14	70	0.46	15	MS	FR		
127.10	130.15	3.05	3.03	99	1.14	37	MS	FR		
130.15	133.20	3.05	2.95	97	0.78	26	MS	FR		
133.20	136.25	3.05	3.09	101	0.43	14	MS	FR		
136.25	139.29	3.04	3.05	100	0.15	5	MS	FR		
139.29	142.34	3.05	3.10	102	0.43	14	MS	FR		
142.34	145.39	3.05	3.02	99	0.80	26	MS	FR		
145.39	148.44	3.05	2.94	96	0.56	18	MS	FR		
148.44	151.49	3.05	3.11	102	0.33	11	MS	FR		
151.49	154.53	3.04	3.07	101	0.60	20	MS	FR		
154.53	157.58	3.05	2.95	97	0.56	18	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.58	160.63	3.05	3.09	101	0.25	8	MS	FR		
160.63	163.68	3.05	3.08	101	1.11	36	MS	FR		
163.68	166.73	3.05	2.97	97	2.26	74	MS	FR		
166.73	169.77	3.04	3.08	101	1.70	56	MS	FR		
169.77	172.82	3.05	2.98	98	1.28	42	S	FR		
172.82	175.87	3.05	2.97	97	2.00	66	MS	FR		
175.87	178.92	3.05	3.04	100	2.14	70	MS	FR		
178.92	181.97	3.05	3.03	99	1.98	65	MS	FR		
181.97	185.01	3.04	3.01	99	1.02	34	MS	FR		
185.01	188.06	3.05	2.97	97	0.15	5	MS	FR		
188.06	191.11	3.05	2.94	96	1.38	45	MS	FR		
191.11	194.16	3.05	3.00	98	0.94	31	MS	FR		
194.16	197.21	3.05	3.02	99	1.06	35	MS	FR		
197.21	200.25	3.04	3.04	100	1.49	49	MS	FR		
200.25	203.30	3.05	3.00	98	0.77	25	MS	FR		
203.30	206.35	3.05	3.04	100	1.76	58	S	FR		
206.35	209.40	3.05	3.05	100	1.62	53	MS	FR		
209.40	212.45	3.05	2.99	98	0.90	30	S	FR		
212.45	215.50	3.05	3.04	100	1.05	34	MS	FR		
215.50	218.54	3.04	2.99	98	0.73	24	MS	FR		
218.54	221.89	3.35	3.09	92	2.54	76	MS	FR		
221.89	224.84	2.95	2.94	100	1.57	53	MS	FR		
224.84	227.69	2.85	2.60	91	0.55	19	MS	FR		
227.69	230.78	3.09	2.91	94	2.02	65	MS	FR		
230.78	233.78	3.00	2.95	98	1.39	46	MS	FR		
233.78	236.63	2.85	2.85	100	1.02	36	MS	FR		
236.63	239.88	3.25	2.95	91	1.06	33	MS	FR		
239.88	242.92	3.04	3.00	99	1.23	40	MS	FR		
242.92	245.97	3.05	2.94	96	1.57	51	MS	FR		
245.97	249.02	3.05	2.93	96	0.92	30	MS	FR		
249.02	252.07	3.05	3.00	98	1.52	50	MS	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-45

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	6.51	6.51		0	N/S						
6.51	10.51	4.00	3.80	95	K972343	1					
10.51	13.52	3.01	2.41	80	K972344	1					
13.52	14.93	1.41	0.85	60	K972345	1					
14.93	18.93	4.00	3.60	90	K972346	1					
18.93	22.93	4.00	3.60	90	K972347	1					
					K972348	1					Standard: CDN-ME-16
22.93	26.93	4.00	2.80	70	K972349	1					
26.93	28.50	1.57	0.79	50	K972350	1					
28.50	31.71	3.21	2.57	80	K972351	1					
					K972352	1					Blank
31.71	35.66	3.95	2.77	70	K972353	1					
35.66	36.66	1.00	0.75	75	K972354	1					
36.66	40.66	4.00	3.81	95	K972355	1					
40.66	41.76	1.10	0.94	85	K972356	1					
					K972357	1					Duplicate
41.76	44.81	3.05	0.61	20	K972358	1					
44.81	47.90	3.09	1.82	59	K972359	1					
47.90	49.90	2.01	1.84	92	K972360	1					
49.90	53.14	3.24	2.92	90	K972361	1					
53.14	57.14	4.00	4.00	100	K972362	1					
					K972363	1					Standard: CDN-ME-16
57.14	61.14	4.00	4.00	100	K972364	1					
61.14	63.53	2.39	2.30	96	K972365	1					
63.53	66.14	2.61	2.60	100	K972366	1					
66.14	68.83	2.69	2.65	99	K972367	1					
68.83	69.83	1.00	1.00	100	K972368	1					
69.83	72.24	2.41	2.33	97	K972369	1					
72.24	75.28	3.04	3.04	100	K972370	1					
75.28	78.33	3.05	3.05	100	K972371	1					
78.33	81.38	3.05	3.00	98	K972372	1					
81.38	84.43	3.05	3.05	100	K972373	1					
84.43	87.48	3.05	2.99	98	K972374	1					
87.48	88.48	1.00	0.97	97	K972375	1					
					K972376	1					Blank
88.48	90.53	2.05	2.00	98	K972377	1					
90.53	93.33	2.80	2.80	100	K972378	2					
93.33	96.62	3.29	3.21	98	K972379	2					
96.62	98.58	1.96	1.94	99	K972380	2					
98.58	101.44	2.86	2.84	99	K972381	2					
					K972382	2					Blank
101.44	103.79	2.35	2.30	98	K972383	2					
103.79	105.77	1.98	1.95	98	K972384	2					
105.77	107.10	1.33	1.30	98	K972385	2					
107.10	109.38	2.28	2.25	99	K972386	2					
109.38	110.26	0.88	0.82	93	K972387	2					
110.26	112.66	2.40	2.31	96	K972388	2					
112.66	115.05	2.39	2.39	100	K972389	2					
					K972390	2					Standard: CDN-ME-16
115.05	117.98	2.93	2.62	89	K972391	2					
117.98	121.01	3.03	2.75	91	K972392	2					
121.01	123.19	2.18	1.97	90	K972393	2					
123.19	124.05	0.86	0.80	93	K972394	2					
124.05	125.64	1.59	1.43	90	K972395	2					
125.64	127.10	1.46	1.17	80	K972396	2					
					K972397	2					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
127.10	128.50	1.40	1.40	100	K972398	2					
128.50	129.40	0.90	0.90	100	K972399	2					
129.40	130.45	1.05	1.00	95	K972400	2					
130.45	132.35	1.90	1.89	99	K972401	2					
132.35	133.48	1.13	1.10	97	K972402	2					
133.48	134.95	1.47	1.45	99	K972403	2					
134.95	136.25	1.30	1.30	100	K972404	2					
					K972405	2					Standard: PL-2
136.25	138.02	1.77	1.70	96	K972406	2					
138.02	139.29	1.27	1.27	100	K972407	2					
139.29	140.29	1.00	1.00	100	K972408	2					
140.29	141.29	1.00	0.68	68	K972409	2					
141.29	142.39	1.10	1.10	100	K972410	2					
142.39	143.85	1.46	1.38	95	K972411	2					
143.85	144.75	0.90	0.95	106	K972412	2					
					K972413	2					Duplicate
144.75	146.25	1.50	1.50	100	K972414	3					
146.25	148.06	1.81	1.78	98	K972415	3					
148.06	151.49	3.43	3.40	99	K972416	3					
151.49	154.53	3.04	3.04	100	K972417	3					
					K972418	3					Standard: CDN-ME-16
154.53	157.58	3.05	3.05	100	K972419	3					
157.58	159.42	1.84	1.80	98	K972420	3					
159.42	160.42	1.00	1.00	100	K972421	3					
160.42	161.35	0.93	0.90	97	K972422	3					
161.35	162.62	1.27	1.20	94	K972423	3					
162.62	163.69	1.07	1.06	100	K972424	3					
163.69	164.68	1.00	1.00	101	K972425	3					
					K972426	3					Blank
164.68	166.30	1.62	1.60	99	K972427	3					
166.30	167.70	1.40	1.35	96	K972428	3					
					K972429	3					Duplicate
167.70	169.77	2.07	2.10	101	K972430	3					
169.77	170.81	1.04	0.64	62	K972431	3					
170.81	172.82	2.01	2.03	101	K972432	3					
					K972433	3					Standard: CDN-ME-16
172.82	175.87	3.05	3.00	98	K972434	3					
175.87	177.82	1.95	1.95	100	K972435	3					
177.82	179.60	1.78	1.77	99	K972436	3					
179.60	181.17	1.57	1.63	104	K972437	3					
181.17	182.97	1.80	1.68	93	K972438	3					
182.97	185.75	2.78	2.80	101	K972439	3					
185.75	187.00	1.25	1.54	123	K972440	3					
187.00	188.06	1.06	1.00	94	K972441	3					
188.06	191.11	3.05	2.99	98	K972442	3					
191.11	195.00	3.89	3.96	102	K972443	3					
195.00	196.00	1.00	1.00	100	K972444	3					
196.00	196.91	0.91	0.88	97	K972445	3					
196.91	197.92	1.01	1.01	100	K972446	3					
					K972447	3					Blank
197.92	198.93	1.01	1.00	99	K972448	3					
198.93	200.74	1.81	1.82	101	K972449	3					
200.74	204.32	3.58	3.59	100	K972450	4					
204.32	205.26	0.94	0.99	105	K972451	4					
205.26	206.76	1.50	1.47	98	K972452	4					
					K972453	4					Standard: CDN-ME-16
206.76	207.65	0.89	0.85	96	K972454	4					
207.65	208.59	0.94	0.94	100	K972455	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
208.59	209.64	1.05	1.00	95	K972456	4					
209.64	211.85	2.21	2.18	99	K972457	4					
211.85	212.86	1.01	1.01	100	K972458	4					
212.86	215.13	2.27	2.20	97	K972459	4					
215.13	216.02	0.89	0.87	98	K972460	4					
					K972461	4					Blank
216.02	217.76	1.74	1.70	98	K972462	4					
217.76	218.93	1.17	1.10	94	K972463	4					
					K972464	4					Duplicate
218.93	221.89	2.96	2.96	100	K972465	4					
221.89	225.35	3.46	3.08	89	K972466	4					
225.35	226.90	1.55	1.00	65	K972467	4					
226.90	227.96	1.06	1.09	103	K972468	4					
					K972469	4					Blank
227.96	230.73	2.77	2.80	101	K972470	4					
230.73	233.78	3.05	3.05	100	K972471	4					
233.78	236.83	3.05	3.05	100	K972472	4					
236.83	239.64	2.81	2.80	100	K972473	4					
239.64	240.64	1.00	0.97	97	K972474	4					
240.64	242.93	2.29	2.27	99	K972475	4					
242.93	245.03	2.10	2.10	100	K972476	4					
245.03	246.43	1.40	1.40	100	K972477	4					
246.43	249.02	2.59	2.59	100	K972478	4					
249.02	252.07	3.05	3.05	100	K972479	4					
	EOH										

DENSITY LOG

Hole: **KL-11-45**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												2003.9	1507.2	2000g standard	#DIV/0!	4.03
175.87	GRD									9.92	4.11	363.4	266.1		2.76	3.73
179.31	GRD		phy	m						9.6	4.17	339.6	243.1		2.59	3.52

MAGNETIC SUSCEPTIBILITY LOG

Hole:

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00			x	
2.00			x	
3.00			x	
4.00			x	
5.00			x	
6.00			x	
7.00			12.09	
8.00			4.135	
9.00			9.529	
10.00			4.059	
11.00			4.814	
12.00			6.664	
13.00			0.916	
14.00			0.373	
15.00			3.603	
16.00			8.568	
17.00			18.66	
18.00			16.56	
19.00			14.63	
20.00			7.019	
21.00			15.76	
22.00			11.29	
23.00			0.974	
24.00			12.66	
25.00			16.16	
26.00			13.89	
27.00			18.48	
28.00			0.418	
29.00			0.394	
30.00			0.614	
31.00			0.417	
32.00			9.617	
33.00			3.816	
34.00			19.37	
35.00			7.163	
36.00			0.498	
37.00			9.066	
38.00			10.56	
39.00			0.534	
40.00			3.801	
41.00			0.245	
42.00			0.151	
43.00			0.346	
44.00			0.979	
45.00			11.69	
46.00			0.555	
47.00			0.985	
48.00			5.326	
49.00			14.9	
50.00			18.8	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.306	
52.00			8.744	
53.00			13.39	
54.00			14.18	
55.00			1.42	
56.00			1.585	
57.00			4.979	
58.00			3.229	
59.00			4.857	
60.00			10.02	
61.00			0.237	
62.00			1.5	
63.00			4.172	
64.00			0.255	
65.00			0.427	
66.00			0.323	
67.00			0.333	
68.00			0.322	
69.00			0.43	
70.00			0.881	
71.00			20.03	
72.00			18.08	
73.00			0.53	
74.00			0.47	
75.00			0.778	
76.00			8.022	
77.00			6.111	
78.00			0.434	
79.00			12.37	
80.00			18.57	
81.00			20.76	
82.00			0.482	
83.00			5.156	
84.00			18.66	
85.00			12.82	
86.00			0.766	
87.00			26.01	
88.00			0.96	
89.00			17.87	
90.00			16.18	
91.00			14.37	
92.00			0.755	
93.00			1.225	
94.00			0.516	
95.00			0.246	
96.00			0.75	
97.00			0.238	
98.00			0.282	
99.00			0.683	
100.00			0.335	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.471	
102.00			10.8	
103.00			5.069	
104.00			4.658	
105.00			7.668	
106.00			0.47	
107.00			0.266	
108.00			3.559	
109.00			2.597	
110.00			0.304	
111.00			4.561	
112.00			1.013	
113.00			0.45	
114.00			3.711	
115.00			1.983	
116.00			0.944	
117.00			0.33	
118.00			2.221	
119.00			0.334	
120.00			1.731	
121.00			0.291	
122.00			0.75	
123.00			0.279	
124.00			0.256	
125.00			0.303	
126.00			0.565	
127.00			0.383	
128.00			0.652	
129.00			0.233	
130.00			0.3574	
131.00			0.374	
132.00			0.295	
133.00			0.416	
134.00			0.573	
135.00			0.293	
136.00			0.425	
137.00			0.067	
138.00			0.519	
139.00			0.484	
140.00			0.242	
141.00			0.235	
142.00			0.144	
143.00			0.363	
144.00			0.315	
145.00			0.071	
146.00			0.458	
147.00			0.364	
148.00			0.173	
149.00			0.058	
150.00			0.017	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.051	
152.00			0.038	
153.00			0.149	
154.00			0.042	
155.00			0.345	
156.00			0.035	
157.00			0.035	
158.00			0.056	
159.00			0.046	
160.00			0.183	
161.00			0.196	
162.00			0.041	
163.00			0.402	
164.00			0.226	
165.00			0.216	
166.00			0.412	
167.00			0.381	
168.00			0.634	
169.00			2.514	
170.00			0.235	
171.00			8.477	
172.00			15.53	
173.00			15.85	
174.00			20.08	
175.00			9.793	
176.00			13.72	
177.00			6.704	
178.00			18.38	
179.00			0.448	
180.00			0.464	
181.00			12	
182.00			9.209	
183.00			0.457	
184.00			13.38	
185.00			19.02	
186.00			2.706	
187.00			10.34	
188.00			6	
189.00				
190.00			14.44	
191.00			16.12	
192.00			12.62	
193.00			16.48	
194.00			14.42	
195.00			16.4	
196.00			0.381	
197.00			0.302	
198.00			0.56	
199.00			0.325	
200.00			3.265	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			1.717	
202.00			3.127	
203.00			0.337	
204.00			4.739	
205.00			0.48	
206.00			0.284	
207.00			0.366	
208.00			0.303	
209.00			2.818	
210.00			1.74	
211.00			5.638	
212.00			1.138	
213.00			3.339	
214.00			4.534	
215.00			0.352	
216.00			0.342	
217.00			0.323	
218.00			0.294	
219.00			9.571	
220.00			4.52	
221.00			16.48	
222.00			10.19	
223.00			0.792	
224.00			9.24	
225.00			16.09	
226.00			0.13	
227.00			0.495	
228.00			0.578	
229.00			0.207	
230.00			0.708	
231.00			6.539	
232.00			14.42	
233.00			1.793	
234.00			16.49	
235.00			13.09	
236.00			0.837	
237.00			0.209	
238.00			0.425	
239.00			0.539	
240.00			0.293	
241.00			7.397	
242.00			0.617	
243.00			2.173	
244.00			1.233	
245.00			0.666	
246.00			1.039	
247.00			13.28	
248.00			14.04	
249.00			0.56	
250.00			10.98	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			6.409	
252.00			0.629	
			EOH	

BOX LOG

HOLE:

BOX	FROM (m)	TO (m)
1	6.51	11.93
2	11.93	17.37
3	17.37	23.10
4	23.10	28.82
5	28.82	34.53
6	34.53	39.98
7	39.98	47.29
8	47.29	53.14
9	53.14	58.48
10	58.48	63.86
11	63.86	69.57
12	69.57	75.35
13	75.35	81.25
14	81.25	86.94
15	86.94	92.61
16	92.61	98.18
17	98.18	103.79
18	103.79	109.28
19	109.28	115.05
20	115.05	120.89
21	120.89	126.41
22	126.41	132.05
23	132.05	137.76
24	137.76	143.45
25	143.45	149.32
26	149.32	154.70
27	154.70	160.52
28	160.52	166.24
29	166.24	172.02
30	172.02	177.82
31	177.82	183.58
32	183.58	189.30
33	189.30	195.00
34	195.00	200.74
35	200.74	206.35

BOX	FROM (m)	TO (m)
36	206.35	212.00
37		217.00
38		223.44
39		229.13
40		234.68
41		240.33
42		245.97
43		251.26
44		252.07
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382871.69	6890073.1	1378.91	364.85

SECTION:

HOLE: KL-11-46

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ

Casing depth: _____ (m) in / **out**

Drilling dates:

TARGET:

Geology logged by: C. Richardson

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	166.73	36.5	-50.3	Ranger
75.29	34.4	-49.6	Rangers	197.21	39.3	-50.5	Ranger
105.77	37.6	-50	Rangers	227.69	35.9	-50.6	Ranger
136.25	36.1	-50.1	Rangers				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.18	5.18	OVB	

SAMPLES

Numbers: K973363-K973500, K974001-K974049, K269150 K269189

Total: 227

Batch: KL-11-46 Batch 1-7

Date Sent:

Certificate: WH11185125, WH11185128, WH11188856, WH11189661, WH11189663, WH11192498, WH11192499

COMMENTS

KLAZA PROPERTY

-

GEOLOGY LOG

HOLE: KL-11-46

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	5.18					OVB	BN-OF	BK																			Oxidixed clay and granodiorite blocks (21-29 cm in width) in overburnder
5.18	14.84					GRD	DK-G	MA					prop	f													Altered granodiorite, mostly prop. With dark veinlets oxidized carbonateonate veins. Coarse grained granodiorite with xenoliths. Limonite veins common
			8.98	9.44		VEN	OR	MA		s		s			VN-V	5-75	0.2-1										Subinterval of limonite-calcite veins, dark veins, and milky calcite veinlets.
			13.58	13.77		VEN	DK-G	MA		w		m	prop	ms	VN	25	~1.5										Drusy calcite vein with strange prop alteration in wal rock (granodiorite).
			14.06	14.44		VEN	BG	MA		w		m			VT	88	1-0.2										Limonite stringers and "interwoven" milky calcite veins
14.85	16.35					GRD	OR-B	MA		s		s															
								VN							VT	55	0.2										Strongly clay altered? Oxidized host rock with fractured carbonateonate veinlets.
16.35	29.61					GRD	DK-G	MA					prop														Propyritelitic alteration in granodiorite w. black stingers, white calcite stingers, milky quartz veinlets, oxidized quartz calcite veins. Phyllic alteration at the end of interval.
			20.33	20.57		VEN	BG	MA							VT		1			t							Milky and smoky quartz veinlets disseminated pyriterite within veinlets.
			25.36	25.54		VEN	OR	MA		m		m			VT	55	0.5										Oxidized orange clay envelope surrounding transparent quartz veins and beige carbonate veinlets.
															VN	60	1										
			28.04	28.13		VEN	BN B	MA		w		ms			VN	65	4cm										Milky quartz vein with orange oxidation hematite? And white-carbonateonate infill. pyriterite + galena veins within quartz vein.
			28.61	28.62		VEN									VT		0.2			f			w				Blebs of pyriterite and galena in smoky quartz veinlets
						VEN									VT		0.1			f			w				
			29.38	29.51		VEN	LT-GI	EN	f						VT		0.3										Phyllic alteration surrounding white carbonate lenses

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
29.61	32.58					GRD	OR L	MA		s		ms															Orange brown oxidized and clay altered granodiorite with quartz sulphide veins. Gouge zone at the end of the interval.
			29.61	29.93		VEN	LT-GN	OR		w		m															Light green envelope surrounding milky quartz vein with bands of hematite, pyrite, and galena. beige carbonate on downhole side of vein. Oxidation and clay alteration surrounding vein. Oxidation and clay alteration surrounding vein. * percentages barsenopyriteed on vein total NOT subinterval.
								VEN							VN	70	4cm			m			ms	He	30		
			30.39	30.52		VEN	GN	MS	m						VN	50	3										Phyllic envelope surrounding intermingled milky quartz and carbonate veins. Some carbonateonate stringers.
			32.00	32.03		VEN									VT	55	0										Orange oxidized carbonate veinlets
			32.23	32.25		VEN									VN	?	?										Most of vein? Lost. Remaining section mostly oxidized and clay. pyrite arsenopyrite along edge of vein? pyrite 0.5mm in width.
			32.35	32.58		GRD	OR BN		s																		Gouge zone at end of interval. Broken fragements of oxidized granodiorite throughout with matrix of orange clay.
32.58	34.24					GRD	DK-G	MA					pot/pr	withms													
								VN							VT	0	0.6										Moderate strong propylitic alteration alteration with some pottasic alteration. White carbonate veinlets near end of interval.
34.24	35.58					GRD	LT-GI	GO	m	s																	Fractured and broken phyllic altered granodiorite. Strong argyllic alteration. Creamy (beige) carbonate veinlets. Two significant quartz-sulphide veins. Gouge zone?
			34.41	34.50		VEN	BK G	BL								50	4			m			t				Dark sulphide vein with blebby smoky quartz beige carbonate. Sulphide vein bisected by white carbonate vein. Pyrite+Galena.
35.58	36.82					VEN	BK G	BL	ms						VN	'0-90	16			###			t	He	t		Smoky quartz vein with continuous "wavy" sulphide bands of mostly pyrite with lesser galena. Small traces of hematite and white carbonate veins. beige carbonate veins arsenopyrite well. Small quartz vein (~1 cm) at different angle (70 deg) from large vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
36.82	38.20					GRD	LT-GI	MA	ms-s	t										t							Phyllic altered granodiorite interval. Light green yellow carbonate and quartz vein stringers trhoughout. Some argyllic alteration. Disseminated pyriterite.
			36.20	36.28		VEN	BK G	MA							VN	60	6			w							Dark smoky quartz-sulphide vein. beige carbonate Disseminated pyrite.
			37.95	38.14		VEN	GY L	BL							VN	90	13			f			w				Milky/smoky quartz vein with pyrite + galena. Orange oxidation and beige carbonate veinlets. pyrite in spotty veins and disseminated around vein zone.
38.20	90.05					GRD	DK-G	MA					pot/pr	withs														Interval mostly prop alteration with small amounts of k-feldspar. Some subintervals of primarily argyllic alteration and some phyllic alteration. Several beige carbonate vein and white calcite stringers.
			40.22	40.30		VEN	LT-GN	BG PK					pot	t	VT	60	3cm										More potassic alteration and beige carbonate veinle network (~3cm).
			41.17	42.05		GRD	LT-GI	MS	ms	t		t																
								VN							VN	65	1										More dominant phyllic envelope. Oxidation(orange some argillic alteration. carbonate vein in subinterval.
			43.48	44.05		GRD	LT-GI	MA																			
								VT		s					VT	85	0.3										Argyllic alteration around beige carbonate veinlet.
			47.20	47.41		VEN	BG	WH							VN	25	2.5										Swirly vein of beige carbonate and white carbonate. Some drusy sections.
			47.86	47.90		VEN	BG	MA							VT	45	0.6										
			48.41	48.46		VEN	BG L	EN	m																			
								VN							VN	90	3			w			t				Phyllic envelope surrounding milky quartz vein and beige carbonate with wispy disseminated pyrite+galena. Veins ~3cm.
			55.84	56.53		GRD	LT-GI	EN	ms	f																	Envelope of phyllic and argyllic alteration encasing transparent quartz veins and beige carbonate veins. Traces of pyrite with carbonate. Small blebs of hematite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								VN							VN	85	2-1.5			t				He	t		
			57.45	57.48		VEN	GN	VT				t			VT					t			t				Thin wispy orange oxidized stringers with small traces of pyrite+galena.
			59.13	59.33		VEN	LT-GI	EN	m	w																	Phyllic and argyllic envelope surrounding beige carbonate, white carbonate, transparent quartz, and pyrite+galena+sphalerite?
															VN	90	3			t			t				
			60.05	60.63		GRD	LT-GI	EN	w	m																	Moderate argillic alteration and lesser phyllic alteration surounding milky quartz veinlet with galena+pyrite+hematite? Small beige carbonate veinlets in subinterval. Altered xenolith? Fine grained/apanititc ~5cm wide.
			60.55	60.58				VN							VT	90	1			t			w				
			60.84	61.78		GRD	DK-G	EN	ms				prop	m	VT	85-90	0.5	3									White calcite veinlets set in phyllic alteration envelopes. Small area of propyritelitic with epidote.
			60.42	62.95		GRD	YW L	EN																			
						VEN		BX	ms	f																	Argyllig and phyllic envelope with brecciated galena and beige carbonateonate veins. Fracture now filled with white carbonate.
															VN	65?	17						###				
			66.59	73.75		VEN	WH																				Subinterval of white carbonate veins at various orientations and widths. Some cut by hematite veinlets with traces of galena (description below). Many zones of brecciated where calcite is fracture fill. Core is fractured and broken due to the amount of carbonate veins.
			66.75	67.18		VEN	WH	Bx							VN	85	0.1-3						t				
			68.20	68.52		VEN	WH	MA							VN	0	~1										
			71.79	72.16		VEN	WH	MA							VN	0	~1							He	w		
			74.66	74.71		VEN	BG	MA							VN	90	1.5			w				He	w		Carbonate vein and milky quartz vein with pyrite+hematite
			76.68	76.80		VEN	GN W	MA					prop	s	VN	65	1.5			w			t	He	w		White carbonate vein with transparent quartz and pyrite+galena+hematite. Disseminated pyrite on margins of vein. Dark green margins propylitic alteration?
			81.48	81.68		VEN									VN	25	1.25			t		w					Milky quartz vein with disseminated pyrite and sphalerite along the margins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			81.76	82.10		VEN	LT-GI	MA	ms																		Phyllic alteration envelope surrounding small quartz veinlet with disseminated pyrite.
								VN							VT	45	0.4			w							
			82.22	82.50		VEN	Lt-GN	MA	w	m					VN	75	1.6			w			###				Milky quartz vein with galena+pyrite+oxidized clay? Argillic and phyllic envelope. Disseminated pyrite extends into envelope.
			82.59	84.28		GRD	LT-GI	MA	m	s																	
			82.95	83.04		VEN	WH C	VN							VN	~9				w			###				Argillic envelope surrounding milky quartz vein with galena+pyrite+white clay. Disseminated pyrite surrounding vein.
			86.69	86.65		VEN	BG	MA							VN	65-70	0.8-1			t							Trace amounts of pyrite in bege carbonate veins
			87.48	87.51		VEN	WH	MA							VN	70	1.1			s							Blebs of pyrite in milky quartz vein
			87.85	88.07		VEN	GY LT-GN BG								VN	~75	1.2			###			s				Milky and smoky quartz veins with three massive pyrite veins with discontinous blebs of galena. Small disseminated pyrite throughout vein. beige carbonate veinlet cutting through the vein at ~60 degrees.
90.05	94.80					GRD	WH C	MA	m	l										f							Intense argillic alteration and moderate phyllic alteration of granodiorite and moderate phyllic alteration of granodiorite and mafic clasts. Small disseminated pyrite throughout interval. Small carbonate veinlets with mineralization. Large altered mafic xenoliths with blebs of pyrite.
			90.05	90.10		VEN	BG								VN	85	~1			w							Milky quartz and carbonate vein with small stringy blebs of pyrite.
			91.17	91.22		VEN	WH								VT	67-75	0.4										Blobs of pyrite in white quartz veinlets
			93.73	93.84		VEN	WH								VT	?	?										Dogtooth calcite crystals in vuggy calcite vein network with "granular" pyrite. Difficult to obtain orientation and thickness arsenopyrite original vein material is mostly absent.
			93.84	93.99		MAF	GY	XN		ms					VT	60	0.2										Argyllic alteration in mafic xenolith containing white calcite stinger with pyriterite blebs. Pyrite blebs throughout mafic xenolith (~1-4mm).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
94.80	94.85					VEN	WT B	BN							VN	90?	4			f			t				Milky white quartz vein with bands of beige carbonate and smoky quartz. Blebs of pyriterite and small traces of galena.
94.85	126.67					GRD	DK-GN						prop	ms													Prop alteration in granodiorite with phyllic envelopes surrounding black veins. Carbonate veins containing pyrite+galena+arsenopyrite+sphalerite? carbonate veinlets with red carbonate in propyllitic alteration. Ankerite? Hematite in calcite?
			97.19	97.28		VEN	GY	MA							VN	85	3			s							Smoky quartz vein with carbonate stinger and band of pyrite.
		97.18	97.92			GRD	LT-GI	EN	m	f																	Phyllic and argillic alteration in granodiorite. Pyrite veins, gouge zone, milky quartz veins, carbonate veins, and dark veinlets.
		97.22	97.27			VEN	DK-G	PA					prop	ms	VN	65	2.3			m							Pyrite and milky quartz vein with swirly beige carbonate. Pyrite in patchy vein. Disseminated pyrite in propyllitic altered zone around margins of vein.
		97.32	97.43			VEN	DK-G	DI							VN	45	4			f			t				Disseminated pyrite+galena in milky quartz and carbonate vein. Disseminated pyrite in surrounding alteration.
		97.43	97.47			VEN	WH C	GO							VN	85	4			t							Gouged milky quartz vein? Small traces of pyrite.
						VEN	GY B	MA							VN	88	1			t							Milky quartz and beige carbonate with disseminated pyrite.
			97.55	97.62																							
						GRD	LT-GN		f						VT	85	1-0.7										Carbonate veinlets in phyllic altered envelope with disseminated pyrite.
			98.19	98.39																							
						GRD	LT-GI	EN	f						VN	90	2.5			w			t				Phyllic envelope with "intertwined" milky quartz, carbonate, and disseminated pyrite+galena.
			98.65	99.20																							
						GRD	LT-GI	EN	ms																			Phyllic envelope with milky quartz beige pink carbonate, white carbonate, smoky quartz, pyrite, galena, arsenopyrite, and sphalerite?
			103.62	104.26		VEN	DK-G	PA							VN	90	8			m	t	f	w				
			103.87	103.98																							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
						VEN							pot/pr	withm	VN	35	~1					ms					Carbonate and milky quartz vein. Propyllitic envelope clays? Potassic alteration on margin. Sphalerite in vein.
			105.48	105.53																							
						VEN	DK-G	DI	m				pot/pr	m/s	VN	90	~1			w								Milky quartz vein with disseminated pyrite. Propyllitic and phyllic alteration on margin.
			105.58	105.65																							
						VEN	DK-G	BN	m				porp	s	VN	90	1			I								Pyrite and white calcite banded vein (continuous pyrite and continuous calcite).
			107.14	107.22																							
						VEN	DK-GN		s				pot/pr	m/s	VN	90				t								White calcite vein surrounded by milky quartz and disseminated pyrite strong propyllitic on outside of vein and strong potassic and argillic alterationn ourside of the propyllitic.
			111.49	111.63																							
						VEN	DKGN								VT	88	~0.2			t								Smal milky quartz stingers with trace amounts of pyrite.
			114.30	114.36																							
			115.10	115.74		GRD	LTGN	EN	s						VT-V	88	3-2.5											Strong phyllic alteration envelope surrounding milky quartz vein, beige carbonate veins, and disseminated pyrite+galena+sphalerite. Strong propyllitic alteration on margins of phyllic (epidote?). Disseminated pyrite. throughout subinterval.
			116.23	116.30		GRD	LTGN	EN	ms																		Disseminated pyrite in phyllic zone. Small quartz veinlet.
			118.15	118.70		GRD	LTGN	EN	s	f			pot/pr	t/w	VTV	3-88	1-1.5			t								Alteration envelope. Argyllic alteration on exterior strong phyllic alteration in the interior. Trace potassic alteration throughout. Propyllitic alteration surrounding carbonate veins. White carbonate veins and pink carbonate vein. Traces of sulphide in quartz veinlets.
																											*Note: 122.65 clay plug from drill?
			125.50	125.82		VEN	LTGN	EN	m						VN	76	6			s		f	f				Phyllic envelope surrounding patchy milky quartz vein, Beige and white carbonate, pyrite+galena+sphalerite? Patchy pyrite+galena disseminated sulphide continues into alteration envelope.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
126.67	130.15		128.65	128.79		GRD	WHPI	MA	f	l			pot/pr	m/w													Interval of intense argyllic alteration with biotite+kfeldspar(potassic) and fair phyllic alteration. Propyllitic alteration surrounding smoky quartz vein. Some white carbonate veins as well.
						VEN	DKGN								VN	85	1cm			w			t				Propyllitic alteration interval with milky quartz veins, smoky quartz veins, and beige carbonate veins.
130.15	132.05					GRD	LTGN			s																	Phyllic alteration interval with milky quartz veins, smoky quartz veins, and beige carbonate veins.
						VEN	DKGY	MA		w					VT	90	0.7			t							Smoky quartz veinlet trace disseminated pyrite. Beige clay veinlets within.
			130.29	130.31		VEN	GN	MA		w					VT	55	0.8			t							Milky quartz veinlet. Blebs of pyrite. In surrounding alteration with beige clay veinlet.
			131.49	131.54		VEN	LTGY	BL		w										w							Smoky quartz veinlets and beige clay veinlets
132.05	176.42		131.92	131.94		GRD	DKGN	MS					pro	m													Propyllitic alteration in granodiorite with phyllic envelopes surrounding carbonate veins and smoky quartz veins. Subinterval of argyllic and potassic alteration. Black stringers. Area of networked white carbonate veins.
			133.82	134.10		GRD	LTGN	EN	m						VN	5+90				t							Phyllic alteration envelope white carbonate and black stringers. Disseminated pyrite.
			134.49	134.55		VEN	LTGN	MA	m						VT	85	0.2										Milky quartz veinlet with phyllic envelope
			135.67	136.13		VEN	LTGN	GO	m						VN					t							beige carbonate veins, smoky quartz, and trace pyrite. Gouge zone at the end of subinterval (6cm).
			138.20	139.19		GRD	PAWI	MA		s			pot/pr	f/f	VN	40	1.3										Argyllic alteration in granodiorite with lesser potassic alteration white clay veinlets and white calcite veins.
			142.08	142.20		VEN	DKGN	BL					pro	s	VN	65	4			w							Propyllitic alteration surrounding black pyrite. Veinle and smoky quartz and beige carbonate vein. Disseminated pyrite in vein.
			142.98	143.48		GRD	WH			s			pot	mf	VN	62	5-1.5										Argillic alteration with white/beige calcite vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			145.72	146.04		GRD	WHPI	MA		ms			pot	w	VT	20-35	1-0.3											Subinterval of mostly argyllic alteration with lesser potassic alteration (kfeldspar and biotite). White clay, calcite veins, and smoky quartz.
			147.28	147.92		GRD	LTGN	EN	m																			Phyllic envelope with light orange altered k feldspar? Two milky quartz veins with beige carbonate, pyrite, sphalerite and galena. More prominent phyllic alteration around veins. First vein continuous patchy pyrite band with trace galena. Second vein beige vuggy calcite veinlet with pyrite stringers. Patchy pyrite. And sphalerite? Disseminated pyrite in alteration.
			147.41	147.44		VEN									VN	60	2			###			t					
			147.71	147.74		VEN									VN	90	2			f		w						
			148.49	148.58		VEN	GNOR								VN	55	1	1		t		t	t					Smoky quartz vein with galena+pyrite+sphalerite surrounded by light orange alteration in kfeldspar? Cluster of perpendicular veinlets.
			149.89	152.31		GRD	LTGN	EN	ms	w																		Phyllic alteration envelope with lesser argillic alteration. Sub interval contains chalcedonic quartz veins, an altered xenolith, and black stringers.
			*149.99	150.02		VEN	BKPK								VN	85	1.2	1		w			t					Smoky quartz pink chalcedony? pyrite and trace ga. Disseminated fine grained sulphide.
			*150.02	150.03		XN	GY	MA		M										f								Altered mafic xenolith (silicified?) fine grained disseminated pyrite throughout.
			*150.39	150.45		VEN	BGGY								VN	90	6	1		t								Milky quartz beige vein? And traces of pyrite. Swirly.
			153.48	153.81		GRD	GY	EN		f					VT	85	0.2	2		t								Phyllic envelope with carbonate veinlets and quartz veinlets. Traces of disseminated fine-grained pyrite.
			155.72	158.32		GRD	LTGN	EN	ms	w			pro	w														Phyllic envelope with propyllitic alteration, argyllic alteration with three main mineralized veins and several smaller carbonate veinlets throughout.
			*156.08	156.15		VEN	BKPK	GO		f					VN	90	28	1					t					Gougy carbonate, smoky quartz vein with pyrite+galena. Gouge zone on either side of vein.
			*156.43	156.55		VEN	BKPK	BL							VN	75	12	1		f		w	t					Blebby smoky quartz and pink chalcedony vein with pyrite+ga+sphalerite. Blotchy.
			*157.23	157.28		VEN	BGBK								VN	65	1.3	1		f		w	t					Patchy galena in smoky quartz and chalcedony vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			158.32	166.06		GRD	GYW	MA	f	ms			pro	w	VT	0-45	1-0.3	3		w							Patches of argyllic alteration with white carbonate veinlets throughout. Evidence of shear along some fracture surfaces in carbonate veinlets (preserved in chlorite). pyrite stringers and disseminated pyrite throughout. Minor propyllitic alteration. Gouge intervals (~10-30cm). Difficult to determine due to condition of core.
			166.56	166.95		GRD	GN	MA							VN	85	15	1		t		w	w				Phyllic envelope surrounding banded chlorite+smoky quartz vein. Brecciated white carbonate vein in interval(5cm) pyrite+galena+sphalerite in vein.
			168.33	168.51		GRD	GN	EN							VN	88	4	1		f		w	w				Phyllic alteration surrounding milky quartz vein with a band of pink chalcedony and bands of pyrite with disseminated galena+sphalerite.
			175.88	176.04		GRD	GN	EN							VT	77	0.7	1		t		t					Phyllic alteration surrounding smoky quartz veinlet. Orange alteration. Traces of galena and pyrite.
			175.54	175.72		GRD	BKR	MA					pro	w						w				He	f		Disseminated pyrite and hematite in propyllitic alteration in granodiorite.
176.42	194.89					GRD	GN	MA	m	ms																	Interval of mostly phyllic alteration of granodiorite with subintervals of argyllic and propyllitic. Several fair sized veins. Gouge intervals as well.
			179.37	179.98		GRD	GYW	GO	m	ms										f		ms					Gouge interval of white clay matrix with pyriterite+ga and granodiorite clasts. Smoky quartz veins with blebs of pyrite on margin of gouge zone. Black veinlets into quartz vein.
						VEN	GYBK								VN	90	3.3	1									
			180.96	181.06		VEN	GY								VN	60	2	1		f							Smoky quartz vein with disseminated pyrite and carbonate.
			181.17	181.06		VEN	GY	BA							VN	75	15		f	w		w					Banded milky quartz vein with blebs of pyrite+arsenopyrite+sphalerite.
			181.41	181.58		VEN	GY								VN	?	4.0			w		t					Broken core. Remenants of smoky quartz and carbonate vein with pyriterite and sphalerite.
			182.73	182.85?		GRD	GN	GO																			Broken core. Gouge zone of unknown width. Granodiorite clasts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
	*		181.07	181.13											VN	70	2.9			###		m					Banded milky quartz vein pk+ch. Bands of pyrite+sphalerite
			184.24	184.39		VEN	GYPK	BA							VN	80	3	1		f							Smoky quartz and chalcedony vein. Banded disseminated pyrite in vein and throughout subinterval.
			185.31	185.38		VEN	GY	GO		m					VN	40	~2										Gouged milky quartz vein.
			187.41	187.53		VEN	WHG	PA							VN	60	7	1		m	t		t				Milky quartz vein with dark "wavy" zones. Chalcedony on margins of vein. Patchy pyrite. clusters. Lesser galena+arsenopyrite.
			188.02	188.15		VEN	BKBG								VN	70	7	1		f							Smoky quartz+chalcedony vein. Swirly with disseminated fine-grained pyrite.
			191.02	192.03		GRD	WHG	MA	t	ms			pot	w													Argyllic alteration with lesser potaccis and phyllic alteration. Small carbonate stingers.
			192.03	192.24		VEN	LTGN	EN							VN	65	1.1	1					m				Quartz vein(milky) with galena+pyrite. Orange alteration in k feldspar? Surrounding phyllic envelope.
			192.81	192.82		VEN	GY	BL							VN	85	1	1		t		t	t				Blebs of sphalerite in milky quartz vein
			192.82	194.16		GRD	LTGN	MA	s																		Strong phyllic alteration.
			194.21	194.28		VEN	BG								VN	85	7			w							Milky quartz vein and vuggy beige chalcedony. Trace amounts of pyrite.
194.89	197.92					GRD	GNG\	MA		s					VN	80	2-3m					w					Strong silica flooding? with phyllic alteration throughout interval. One breccia zone with mineralization and a quartz vein/gouge zone. Pyrite veinlets and quartz veinlets with sphalerite.
			195.05	195.32		VEN	GYBK	BX							VN	?	27			f	f	w	w				Brecciated milky quartz vein zone with chalcedony, white carbonate, pyrite+arsenopyrite+galena+sphalerite. Pyrite and quartz clasts in chalcedony matrix.
			197.43	197.45		VEN	WH	PA												m							Patchy pyrite in white quartz vein. Gougy vein zone with milky quartz, smoky quartz, white clay with quartz and pyrite. Clarsenopyritets, sphalerite and arsenopyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			197.43	197.45		VEN	GY	GO							VN	~90	21			s	m	m					Gougy vein zone with milky quartz, smoky quartz, white clay with quartz and pyrite clasts, sphalerite and arsenopyrite.
197.92	198.52					GRD	GN	MA																			Phyllic alteratrion with gougy zone with white clay, disseminated pyrite and milky quartz vein with pyrite veins.
						VEN	GYW	GO							VN	68	6	1		w							
						VEN	GYWH								VN	68	2	1		f							
198.52	198.89					GRD	WHG	GO																			Gouge zone with white clay and granodiorite clasts.
198.89	199.44					GRD	WHPI	MA		ms			pot	w													moderatly strong agryllic alteration with some potassic alteration.
199.44	199.78					GRD	DKGN						pro	s													Strong propyllitic alteration
199.78	199.98					VEN	LTGN	MA		m					VN	65	1.2	1		w							Quartz vein with silica flooding with fine grained disseminated pyrite throughout interval.
199.98	206.89					GRD	LTGN	MA	ms																		Light green phyllic alteration in granodiorite. Some gougey vein subintervals and mineralized subintervals.
			200.41	200.46		VEN									VN	70	1.3	1		t							Smoky and milky quartz vein with pyrite.
			202.18	203.10		GRD	LTGN	GO							VN	0-65	0.1-2										Mostly competant rock with veinlets-veins of gouge. White clay with granodiorite and quartz clasts.
			203.30	204.51		VEN	GYGN	GO		f	m				VN	?	121			s	w	f	t				Silica flooding and gougy milky quartz vein. Disseminated pyrite and blebby pyrite clasts(2.5cm wide). Spots of sphalerite+galena+arsenopyrite. Black tourmaline crystals on margins of interval.
206.89	213.38					GRD	DKGN	MA					pro	w	VN	85	0.3										Dark propyllitic alteration in granodiorite with phyllic envelopes surrounding smoky quartz veinlets with pyrite and sphalerite. Chalcedony veinlets.
			210.19	210.33		VEN									VN	88	3	1		30		S	T				Milky quartz vein with pyrite, sphalerite, and galena.
			213.17	210.22		VEN									VN	90	21	1		s		w					Milky quartz with pyrite clasts (0.1-2cm wide) Brecciated? Sphalerite?

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
213.38	222.99					POR	BG	PO							VN	45	1	1									Quartz feldspar porphyry dyke. Phenocrysts (~2mm 3cm wide) with infrequent white calcite veins.
222.99	225.80					GRD	LTGN	GO	ms	m										t							Phyllic alteration in granodiorite. Gouge and black veinlets. Silica flooding at the end of the interval. Disseminated pyrite throughout interval. Breccia zones of smoky quartz and orange chalcedony.
			225.45	225.80		VEN	GY	BX												t							Breccia zone with smoky with quartz and orange clay at the end of the interval.
225.80	228.02					POR	GY	GO																			Gougy quartz feldspar porphyry zone. White clay and grey stringers.
228.02	229.43					GRD	GN	MA		m																	Argyllic ateration in granodiorite. Beige carbonate veinlets and and black veinlets.
			228.18	228.22		VEN	GY								VN	80	2	1		f							Fine grained pyrite in beige chalcedony vein and smoky quartz.
			229.04	229.30		VEN	GY								VN	85?	26?	1		w							Smoky quartz , beige chalcedony, vein with disseminated pyrite. Width and orientation of the vein is difficult to determine because of broken core.
229.43	240.38					POR	GYGN	PO																			Quartz feldspar porphyry dyke with smoky quartz veinlets.
			233.73	234.41		VEN	GY	MA							VN	45	1.1	2									Smoky quartz vein and veinlet and white calcite
240.38	241.78					VEN	GY	MA							VN	?	40	1		f		t					Gougy contact between porphyry dyke and vein(~5cm) with grey clay. Quartz flooding in granodiorite surrounding smoky quartz vein. Pyrite veinlets (0.1-0.9cm) black stringers, and disseminated fine to course grained pyrite and sphalerite throughout interval. Broken interval makes it difficult to determine orientation of vein. Gouge zone at the end of the interval (~10cm).
241.78	243.06					GRD	LTGN	MA							VT	67	0.7	2		m							Moderate phyllic alteration with smoky quartz veins with fine grained disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
243.06	243.93					VEN	BZ	MA		m					VN	90?	29			###	t	f	t	cp			MASSIVE pyrite vein with milky quartz, chalchopyrite, sphalerite,arsenopyrite, and galena? One centemeter pyrite and milky quartz vein at beginning of the interval. Argyllic alteration envelope.
243.93	251.13					GRD	LTGN	MA	m				pro	m	ST	0-90	0.1	2									Phyllic and propyllitic alteration in granodiorite with pyrite stringers and quartz veins with pyrite and sphalerite. Some gorge. Pink anhydrite veinlets.
			245.33	245.37		VEN	WH	DI							VN	60	1.4	1		w		w					Milky quartz vein with disseminated pyrite, sphalerite, and vuggy pink chalcedony.
			246.66	246.70		VEN	BG	MA							VN	85	4?	1		w		t					Milky quartz vein with beige carbonate and pyrite+sphalerite.
			247.31	247.36		VEN	BZ	MA							VN	75	1	1		###							Smoky quartz vein and fine grained pyrite.
			249.80	249.84		VEN	GY	PA							VN	70	~2	1		f		w					Milky quartz vein with orange alteration and patchy pyrite+sphalerite.
			250.43	250.61		GRD	GY	GO							GO	65	~3	1									Gougy sub-interval. White clay matrix with granodiorite clasts.
251.13	253.48					GRD	DKGN	MA					pro	w	VT	85	0.2	4									Weakly propyllitic altered granodiorite with carbonate veinlets and pyrite veinlets.
253.48	261.71					GRD	LTGN			m			pro	w													Light green phyllic/propyllitic alteration in granodiorite with pyrite stringers and quartz flooded breccias.
			253.82	253.86		VEN	GY			w					VN	80	4	1		w							Smoky quartz vein with white clay and disseminated pyrite.
			259.47	259.76		VEN	GY	BX							VN	?	29	1		w							Smoky quartz breccia eith anhydrite and quartz . Disseminated pyrite blebs throughout.
			260.22	261.04		VEN	GY	MA							VN	75	13	1		f		###		CP	t		Smoky quartz vein/ quartz flooding subinterval. Massive sulphide and sphalerite in main vein body and pyrite blebs and veinlets throughout. Trace amounts of chalchopyrite. Anhydrite in the fractures.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
261.71	284.58					GRD	DKGN	MA	f				pro	f	ST	75-90	0.1	6		w							Propyllitic and phyllic alteration in granodiorite. Xenoliths and pyrite+quartz stringers and veinlets throughout subinterval. Some stringers with hematite coating . Quartz veins in phyllic envelope.
			262.67	263.46		GRD	LTGN	EN	m						VN	75-85	1-1.5	8		w							Series of smoky quartz veins with pyrite and in phyllic envelope.
			270.68	274.97		GRD	LTGN	EN	m						VN	85	4.5	1		t							Phyllic alteratrion envelope with anhydrite veinlets and milky quartz vein with trace pyrite. Orange alteration in the feldspars.
			278.71	280.37		GRD	LTGN	EN	ms				pro	f?	VN	80	4	1		t							Phyllic and propyllitic alteration envelope with white carbonate vein and trace pyrite.
			281.31	281.81		GRD	LTGN	EN	m						VT	?	0.4	2									Phyllic alteration envelope with quartz veinlets and disseminated pyrite.
284.58	287.81					GRD	LTGN	VN	s				pro	w	VN	55	~2.5			w							Strong phyllic alteration envelope with pyrite veinlets and stringers. Small subintervals of propyllitic alteration. Gougy subinterval surrounding milky quartz veins.
			286.39	286.88		GRD	GYW	GO		m																	
287.81	311.01					GRD	GN	MA	m				pro	ms													Phyllic alteration and propyllitic alteration in granodiorite. Patches of hematite. Chalcedony and white carbonate veins, pyrite stringers, and veinlets throughout. Gougy patches.
			288.54	288.65		VEN	BK	GO							VN	85	~1	1		t							Gougy smoky quartz veinlets
			289.49	289.56		VEN	BG								VN	60-90	3	1									White carbonate and pink chalcedony vein
			291.69	292.27		GRD	LTGN	EN	m				pot	w	VN	60	1.5	3		w							Moderate phyllic alteration envelope with weak potassic (k feldspar) and 3 milky quartz veins bordering on altered xenolith. Veins contain disseminated fine-grained pyrite.
			292.66	292.69		VEN	GY	PA							VT	90	0.5	1				w					Milky quartz vein with patchy sphalerite
			292.72	293.02		GRD	DKGN	MA					pro	t													Trace propyllitic alteration in granodiorite

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			293.03	295.73		GRD	LTGN	GO	ms	m					VN	60	<1?	5		f		t	t				Phyllice alteration zone with gouge, vuggy "swirly" smoky quartz veins, and disseminated pyrite+sphalerite+galena. Broken core. Pyrite-smoky quartz vein of unknown size and orientation.
			269.29	297.30		GRD	GYPK	MA	ms																			Argyllic alteration with hematite staining and k feldspar.
			297.98	298.10		VEN	PK	VU							VN	0-90	1	1										Vuggy pink carbonate vein with "dogtooth" calcite.
			298.33	298.56		VEN	GY	PA							VN	90	23	1		s		f	f					Milky quartz vein split by beige carbonate veins. Patchy fine-grained pyrite and wormy pyrite patches of sphalerite and galena.
			*																									299.62 Gouge zone? Drill mud, do not sample
			298.56	301.50		GRD	WHG	MA							VN	72	1	15										Strong phyllic alteration with higher concentration of pyrite smoky quartz veins/veinlets.
			303.64	303.67		VEN	GY								VN	90	3	1		f		f						Milky quartz vein with beige calcite veinlet and patches of pyrite and sphalerite.
			303.97	304.09		VEN									VN	85	3	3		w								Pyrite vein and vuggy pink carbonate vein with disseminated pyrite.
			304.42	306.14		GRD	LTGN								VN	70	2?	6?										Gougy smoky quartz vein zone with orange alteration veinlets and disseminated pyrite and sphalerite throughout. White clay matrix. Core broken making it difficult to measure veins.
			309.75	309.73		VEN	GYBG								VN	85	4	1		ms	w	f						Smoky and milky quartz vein with white-beige carbonate veinlets, disseminated pyrite, sphalerite and arsenopyrite . Subinterval surrounded by disseminated pyrite.
			309.83	310.52		GRD	GY		ms						VN	0-90	~1	4		w								Argyllic alteration zone with quartz veinlets and pink vuggy carbonate vein network.
			309.52	309.64		VEN	GY								VN	90	12	1		f		w	w					Disseminated pyrite and galena in smoky-milky quartz vein with beige carbonate veinlets.
311.01	319.05					GRD	DKGN	MA							VT	30	0.1	7		t								Mostly unaltered granodiorite with mafix xenoliths. Pyrite veinlets throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
319.05	322.30					GRD	LTGN						pro	m	VT	0.9	0.1	7										Propyllitic alteration in granodiorite with white and beige carbonate veinlets and disseminated pyrite and pyrite stringers throughout. Hematite veinlets as well.
322.30	324.81					GRD	LTGN	MA	s	f					VN	60	~1	6?		w								Light green argyllic and phyllic alteration with disseminated pyrite + quartz veins and pyrite stingers.
324.81	326.32					GRD	DKGN						pro	m														Propyllitic alteration zone with sulphide and quatrz veins.
			325.02	325.08		VEN	DKGY								VN	75	6	1		f								Milky quartz vein, beige carbonate, and disseminated pyrite vein.
			325.68	325.71		VEN	BZ	MA							VN	90	3	1		###								Massive pyrite vein with white carbonate veinlets surrounding.
326.32	329.27					BX	BK	BX																				Black breccia zone with subintervals of clasts made of porphyry dyke or granodiorite. Clasts of pyrite in granodiorite interval.
			326.50	327.75		GRD	BK	BX												w								Granodiorite breccia with black fine matrix. White carbonate vein network. Pyrite clasts in breccia.
			327,75	327.93		POR	GYOF	BX																				Quartz fekdspar porphyry breccia with dark matrix.
			327.93	329.27		GRD	GY	BX	m						VN	40	1	1										Phyllic? alteration in granodiorite with pyrite breccia and pyrite veins.
329.27	330.05					POR	GN	DY																				Quartz feldspar porphyry dyke
330.05	364.85					GRD	GYGN	MA	w																			Granodiorite with phyllic alteration envelopes, carbonate veins, aplite dykes, breccia. Pyrite stingers throughout.
			330.84	331.99		GRD	LTGN	EN							VN	70	~1	~3		t								Phyllic envelope in granodiorite with carbonate vein network and black stringers. Disseminated in veins.
			333.89	333.95		APL	PK	DY																				Aplite dyke.
			334.46	334.72		GRD	GNBR	BX							BX	60				w								Granodiorite breccia with dark fine-grained matrix and pyrite clasts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			335.42	335.57		GRD	BG	EN	f						VN	70	2	1									Beige carbonate vein with phyllic alteration envelope.
			335.81	335.93		GRD	BGBK	EN	f						VN	75	1.1									Beige carbonate and dark vein
			336.80	336.96		GRD	GN	EN	f						VT	90	0.8			t						Phyllic alteration envelope in milky quartz veinlet with disseminated pyrite.
			339.26	339.86		GRD	LTGN	BX	m						BX		21	1		w						Granodiorite clasts in dark grey matix. Surrounded by phylic alteration envelope. Disseminated pyrite throughout breccia as clasts? Orange alteration surrounding breccia.
			340.79	340.90		GRD	LTGN	EN	ms						VT	50	0.5			w						Pyrite veinlet surrounded by phyllite alteration envelope. Disseminated pyrite throughout envelope.
			341.51	341.62		GRD	LTGN	EN	m						VT	20	0.1	1								Phyllic alteration envelope in granodiorite . Carbonate veinlet cutting through zone.
			342.15	342.27		GRD	LTGN	EN	f						VT	90	0.3	1								Phyllic alteration envelope with smoky quartz veinlet and pyrite veinlet.
			342.31	342.46		GRD	GN						pro	w	VT	85	0.3	3		w						Pyrite veinlets in propyllitic alteration surrounding white carbonate vein.
			343.45	343.70		GRD	GN	MA					pro	m	VT	75	0.2	5		w						Propyllitic alteration envelope surrounding pyrite veins and disseminated pyrite.
			345.25	345.75		GRD	GN	EN	w				pro	m	VT	25	0.1	5								Propyllitic and phyllic alteration envelope, white carbonate veinlets, pyrite veinlets, and disseminated pyrite.
			346.31	347.98		GRD	WHG	EN	w	s					VN	70	1	4		t						Strong argyllic and phyllic alteration envelope. Beige carbonate veins and small (~1cm) gouge zones with white clay. Dark stringers and trace and disseminated pyrite.
			348.57	349.44		GRD	GN	EN	m				pro	f	VN	85	7	1		t		w				Phyllic and propyllitic alteration envelope with chalcedony and carbonate veins with pyrite and sphalerite.
			350.61	351.98		GRD	GNW	EN	m						VN	75	5.6-1	2		t		m	t			Argyllic and phyllic alteration envelope with vuggy carbonate, smoky quartz vein with sphalerite, pyrite, and galena. Sphalerite in ore vein and quartz and carbonate mixed together. Disseminated pyrite surrounding veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			354.35	354.56		GRD	GN	EN	ms						VN	90	1.1	1		t							Chalcedony and white carbonate vein with disseminated pyrite in phyllic envelope.
			355.04	355.24		GRD	LTGN	EN	ms						VN	85	1	1									Phyllic alteration envelope. Quartz and white carbonate veinlets with disseminated pyrite.
			355.50	356.19		GRD	LRGN	EN	ms						VN	90	1.9	2		m		s					Phyllic alteration envelope surrounding milky quartz with sphalerite and pyrite vein. Dark stringers throughout subinerval. Pyrite veinlets throughout.
			356.42	356.52		GRD	LTGN	EN	m						VN	80	1.1	1		t		t					Moderate phyllic envelope surrounding beige carbonate vein with dark stringers of pyrite and sphalerite.
			357.02	357.44		GRD	LTGN	EN	m						VN	85	0.3	2									Phyllic envelopes surrunding beige carbonate and disseminated pyrite veinlets.
			357.84	358.76		GRD	LTGN	EN	s						VT	90	0.2	2		t							Phyllic alteration envelope with dark stingers, carbonate veinlets, and disseminated pyrite throughout.
			359.49	359.99		GRD	GN	EN	m						VN	90	5	1		w							Phyllic alteration envelope with smoky quartz and disseminated pyrite. Pyrite stringers outside of main vein.
			361.42	361.55		GRD	LTGN	EN	m						VT	60	0.8	2		w							Pyrite and white carbonate veinlets in phyllic alteration envelope.
																											EOH Depth 364.85m

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n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-46

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.74	2.74	1.03	38	0.00	0	HW	S		
2.74	5.18	2.44	2.03	83	0.00	0	HW	MS		
5.18	8.23	3.05	3.03	99	0.53	17	MW	S		
8.23	9.75	1.52	1.54	101	0.14	9	MW	MS		
9.75	11.28	1.53	1.32	86	0.00	0	MW	S		
11.28	14.32	3.04	2.88	95	0.37	12	MW	MS		
14.32	17.37	3.05	3.05	100	1.13	37	MW	MS		
17.37	20.42	3.05	3.06	100	1.20	39	MW	S		
20.42	23.47	3.05	2.99	98	1.59	52	MW	S		
23.47	26.21	2.74	2.70	99	0.11	4	MW	S		
26.21	29.26	3.05	3.00	98	0.11	4	MW	MS		
29.26	32.31	3.05	2.94	96	1.18	39	MW	MS		
32.31	35.36	3.05	2.89	95	0.74	24	MW	MS		
35.36	38.40	3.04	3.00	99	1.14	38	SW	MS		
38.40	41.61	3.21	3.05	95	1.02	32	SW	MS		
41.61	44.65	3.04	3.05	100	0.96	32	SW	FR		
44.65	47.70	3.05	3.03	99	1.02	33	SW	FR		
47.70	50.75	3.05	3.02	99	0.92	30	SW	FR		
50.75	53.89	3.14	3.02	96	1.72	55	SW	FR		
53.89	56.85	2.96	2.84	96	1.16	39	SW	FR		
56.85	60.05	3.20	2.90	91	1.67	52	SW	FR		
60.05	63.09	3.04	2.99	98	1.98	65	MS	FR		
63.09	66.14	3.05	2.84	93	1.37	45	S	FR		
66.14	69.19	3.05	2.86	94	0.78	26	S	FR		
69.19	72.24	3.05	2.97	97	0.28	9	S	FR		
72.24	75.13	2.89	2.83	98	0.70	24	S	FR		
75.13	78.18	3.05	2.96	97	1.12	37	S	FR		
78.18	81.23	3.05	2.98	98	0.96	31	S	FR		
81.23	84.28	3.05	2.99	98	0.49	16	S	FR		
84.28	87.33	3.05	2.74	90	1.57	51	VS	FR		
87.33	90.53	3.20	3.00	94	1.33	42	S	FR		
90.53	93.57	3.04	3.00	99	2.85	94	S	FR		
93.57	96.62	3.05	2.86	94	1.26	41	S	FR		
96.62	99.67	3.05	3.02	99	0.89	29	S	FR		
99.67	102.72	3.05	2.97	97	1.30	43	S	FR		
102.72	105.77	3.05	3.06	100	1.37	45	S	FR		
105.77	108.81	3.04	3.05	100	1.44	47	S	FR		
108.81	111.86	3.05	3.09	101	1.80	59	S	FR		
111.86	114.91	3.05	2.84	93	1.00	33	MS	FR		
114.91	117.96	3.05	2.70	89	1.51	50	S	FR		
117.96	121.01	3.05	3.02	99	1.76	58	S	FR		
121.01	124.05	3.04	2.89	95	1.90	63	S	FR		
124.05	127.10	3.05	3.01	99	2.09	69	MS	FR		
127.10	130.15	3.05	3.01	99	0.77	25	S	FR		
130.15	133.20	3.05	2.98	98	1.36	45	S	FR		
133.20	136.25	3.05	2.83	93	1.44	47	S	FR		
136.25	139.29	3.04	2.98	98	0.51	17	S	FR		
139.29	142.34	3.05	2.89	95	1.63	53	S	FR		
142.34	145.39	3.05	2.88	94	1.23	40	S	FR		
145.39	148.44	3.05	3.04	100	1.26	41	MS	FR		
148.44	151.49	3.05	3.03	99	1.07	35	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	3.05	100	2.46	81	S	FR		
154.53	157.56	3.03	3.01	99	1.67	55	S	FR		
157.56	160.63	3.07	3.04	99	0.66	21	S	FR		
160.63	163.69	3.06	2.94	96	0.15	5	S	FR		
163.69	166.73	3.04	2.88	95	0.25	8	S	FR		
166.73	169.62	2.89	2.90	100	1.06	37	S	FR		
169.62	172.67	3.05	2.95	97	0.40	13	S	FR		
172.67	175.72	3.05	3.03	99	0.79	26	S	FR		
175.72	178.92	3.20	3.10	97	0.86	27	S	FR		
178.92	181.97	3.05	2.98	98	0.40	13	S	FR		
181.97	182.73	0.76	0.70	92	0.00	0	S	FR		
182.73	185.01	2.28	2.04	89	0.60	26	S	FR		
185.01	188.06	3.05	3.00	98	1.64	54	S	FR		
188.06	191.11	3.05	2.43	80	0.22	7	MS	FR		
191.11	194.16	3.05	3.02	99	1.36	45	MS	FR		
194.16	197.21	3.05	3.04	100	1.21	40	S	FR		
197.21	200.25	3.04	2.91	96	1.76	58	MS	FR		
200.25	203.30	3.05	2.96	97	1.80	59	MS	FR		
203.30	206.35	3.05	2.97	97	1.59	52	MS	FR		
206.35	209.40	3.05	3.05	100	1.27	42	S	FR		
209.40	212.45	3.05	2.97	97	2.74	90	MS	FR		
212.45	215.49	3.04	3.01	99	2.02	66	MS	FR		
215.49	218.54	3.05	2.94	96	2.10	69	MS	FR		
218.54	221.59	3.05	3.02	99	2.00	66	MS	FR		
221.59	224.64	3.05	2.91	95	2.05	67	MS	FR		
224.64	227.39	2.75	2.83	103	2.02	73	W	FR		
227.39	230.43	3.04	3.00	99	1.15	38	MS	FR		
230.43	233.47	3.04	2.92	96	0.48	16	MS	FR		
233.47	236.68	3.21	2.93	91	1.55	48	MS	FR		
236.68	239.88	3.20	2.92	91	0.53	17	MS	FR		
239.88	242.93	3.05	2.71	89	0.68	22	MS	FR		
242.93	244.75	1.82	1.63	90	1.00	55	MS	FR		
244.75	246.58	1.83	1.99	109	1.21	66	MS	FR		
246.58	249.02	2.44	2.31	95	1.52	62	MS	FR		
249.02	252.07	3.05	2.97	97	1.59	52	MS	FR		
252.07	255.12	3.05	2.96	97	2.40	79	MS	FR		
255.12	258.17	3.05	2.95	97	1.43	47	MS	FR		
258.17	261.21	3.04	2.95	97	1.88	62	MS	FR		
261.21	264.26	3.05	3.02	99	2.36	77	MS	FR		
264.26	267.31	3.05	2.97	97	2.39	78	MS	FR		
267.31	270.36	3.05	3.05	100	1.49	49	MS	FR		
270.36	273.41	3.05	3.07	101	2.49	82	MS	FR		
273.41	276.45	3.04	3.02	99	2.80	92	MS	FR		
276.45	279.50	3.05	2.84	93	1.53	50	MS	FR		
279.50	282.55	3.05	3.02	99	0.85	28	MS	FR		
282.55	285.60	3.05	2.96	97	1.30	43	MS	FR		
285.60	288.65	3.05	2.95	97	1.71	56	MS	FR		
288.65	291.69	3.04	3.03	100	1.55	51	S	FR		
291.69	294.74	3.05	2.84	93	1.95	64	S	FR		
294.74	297.79	3.05	3.07	101	1.18	39	S	FR		
297.79	299.62	1.83	1.78	97	1.74	95	MS	FR		
299.62	301.14	1.52	1.23	81	0.93	61	S	FR		
301.14	304.19	3.05	3.02	99	2.14	70	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
304.19	306.93	2.74	2.55	93	0.68	25	S	FR		
306.93	309.98	3.05	3.12	102	0.93	30	W	FR		
309.98	313.03	3.05	3.07	101	2.08	68	MS	FR		
313.03	316.08	3.05	2.96	97	2.32	76	S	FR		
316.08	319.13	3.05	3.02	99	2.08	68	S	FR		
319.13	322.17	3.04	2.96	97	0.83	27	S	FR		
322.17	325.22	3.05	2.67	88	0.87	29	MS	FR		
325.22	328.27	3.05	2.99	98	2.26	74	MS	FR		
328.27	331.32	3.05	3.09	101	2.67	88	S	FR		
331.32	334.37	3.05	3.08	101	2.62	86	S	FR		
334.37	337.41	3.04	3.03	100	2.80	92	S	FR		
337.41	340.46	3.05	3.04	100	2.38	78	S	FR		
340.46	343.51	3.05	3.08	101	2.03	67	S	FR		
343.51	346.56	3.05	3.07	101	2.57	84	S	FR		
346.56	349.61	3.05	2.97	97	1.93	63	S	FR		
349.61	352.65	3.04	3.10	102	2.20	72	S	FR		
352.65	355.70	3.05	3.05	100	2.23	73	S	FR		
355.70	358.75	3.05	3.00	98	2.26	74	S	FR		
358.75	361.80	3.05	3.04	100	2.16	71	S	FR		
361.80	364.80	3.00	3.04	101	2.55	85	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-46

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	5.18	5.18		0	N/S						
5.18	8.23	3.05	3.05	100	K973363	1					
8.23	11.28	3.05	3.05	100	K973364	1					
11.28	14.33	3.05	3.05	100	K973365	1					
14.33	17.37	3.04	3.04	100	K973366	1					
17.37	20.42	3.05	3.05	100	K973367	1					
20.42	23.47	3.05	3.05	100	K973368	1					
					K973369	1					Standard: CDN-ME-16
23.47	26.21	2.74	2.60	95	K973370	1					
26.21	28.02	1.81	1.81	100	K973371	1					
28.02	28.90	0.88	0.88	100	K973372	1					
28.90	29.77	0.87	0.87	100	K973373	1					
29.77	30.65	0.88	0.88	100	K973374	1					
30.65	31.90	1.25	1.25	100	K973375	1					
31.90	32.61	0.71	0.71	100	K973376	1					
32.61	34.61	2.00	2.00	100	K973377	1					
34.61	35.59	0.98	0.78	80	K973378	1					
					K973379	1					Blank
35.59	36.40	0.81	0.81	100	K973380	1					
36.40	37.59	1.19	1.19	100	K973381	1					
37.59	38.20	0.61	0.61	100	K973382	1					
38.20	41.61	3.41	3.41	100	K973383	1					
41.61	44.65	3.04	3.04	100	K973384	1					
44.65	47.70	3.05	3.13	103	K973385	1					
47.70	48.09	0.39	0.39	100	K973386	1					
48.09	48.66	0.57	0.57	100	K973387	1					
					K973388	1					Standard ME-16
48.66	51.63	2.97	2.27	76	K973389	1					
51.63	54.72	3.09	3.00	97	K973390	1					
54.72	55.90	1.18	0.98	83	K973391	1					
55.90	56.67	0.77	0.76	99	K973392	1					
					K973393	1					Duplicate
56.67	59.00	2.33	2.03	87	K973394	1					
59.00	59.48	0.48	0.48	100	K973395	1					
					K973396	1					Blank
59.48	60.05	0.57	0.58	102	K973397	1					
60.05	60.78	0.73	0.76	104	K973398	1					
60.78	62.44	1.66	1.54	93	K973399	2					
62.44	62.89	0.45	0.48	107	K973400	2					
					K973401	2					Blank
62.89	66.06	3.17	3.00	95	K973402	2					
66.06	69.19	3.13	3.00	96	K973403	2					
69.19	72.12	2.93	3.00	102	K973404	2					
72.12	74.11	1.99	1.90	95	K973405	2					
					K973406	2					Standard ME-16
74.11	74.99	0.88	0.85	97	K973407	2					
74.99	78.02	3.03	3.00	99	K973408	2					
78.02	80.89	2.87	3.00	105	K973409	2					
80.89	82.19	1.30	0.98	75	K973410	2					
82.19	83.28	1.09	1.07	98	K973411	2					
83.28	85.80	2.52	2.22	88	K973412	2					
85.80	87.46	1.66	1.62	98	K973413	2					
87.46	88.13	0.67	0.65	97	K973414	2					
					K973415	2					Blank
88.13	90.06	1.93	1.82	94	K973416	2					
90.06	91.15	1.09	1.00	92	K973417	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
91.15	93.89	2.74	2.70	99	K973418	2					
93.89	94.88	0.99	1.00	101	K973419	2					
94.88	97.20	2.32	2.09	90	K973420	2					
97.20	97.82	0.62	0.59	95	K973421	2					
					K973422	2					Duplicate
97.82	99.24	1.42	1.41	99	K973423	2					
99.24	102.72	3.48	3.41	98	K973424	2					
102.72	103.72	1.00	0.94	94	K973425	2					
103.72	104.26	0.54	0.54	100	K973426	2					
104.26	107.04	2.78	2.64	95	K973427	2					
					K973428	2					Standard ME-16
107.04	108.81	1.77	1.75	99	K973429	2					
108.81	111.86	3.05	2.93	96	K973430	2					
111.86	115.14	3.28	2.95	90	K973431	2					
115.14	115.72	0.58	0.54	93	K973432	2					
115.72	118.26	2.54	2.29	90	K973433	2					
118.26	119.71	1.45	1.44	99	K973434	2					
119.71	122.28	2.57	2.31	90	K973435	3					
122.28	125.36	3.08	2.83	92	K973436	3					
125.36	125.76	0.40	0.40	99	K973437	3					
					K973438	3					Blank
125.76	126.68	0.92	0.91	99	K973439	3					
126.68	128.13	1.45	1.41	97	K973440	3					
128.13	130.25	2.12	2.01	95	K973441	3					
130.25	132.05	1.80	1.76	98	K973442	3					
					K973443	3					Standard ME-16
132.05	135.42	3.37	3.00	89	K973444	3					
135.42	136.25	0.83	0.81	97	K973445	3					
136.25	139.29	3.04	2.64	87	K973446	3					
139.29	142.34	3.05	2.93	96	K973447	3					
142.34	145.39	3.05	2.96	97	K973448	3					
					K973449	3					Standard ME-16
145.39	147.28	1.89	1.87	99	K973450	3					
147.28	147.94	0.66	0.66	100	K973451	3					
147.94	149.82	1.88	1.79	95	K973452	3					
149.82	152.32	2.50	2.43	97	K973453	3					
152.32	154.53	2.21	2.10	95	K973454	3					
					K973455	3					Duplicate
154.53	156.07	1.54	1.54	100	K973456	3					
156.07	157.27	1.20	1.18	98	K973457	3					
157.27	158.32	1.05	1.00	95	K973458	3					
158.32	160.65	2.33	2.10	90	K973459	3					
160.65	162.83	2.18	1.98	91	K973460	3					
162.83	163.68	0.85	0.76	90	K973461	3					
163.68	165.68	2.00	1.70	85	K973462	3					
165.68	166.61	0.93	0.84	90	K973463	3					
166.61	167.50	0.89	0.80	90	K973464	3					
					K973465	3					Blank
167.50	170.07	2.57	2.31	90	K973466	3					
170.07	173.67	3.60	3.24	90	K973467	3					
173.67	176.48	2.81	2.53	90	K973468	3					
176.48	178.07	1.59	1.43	90	K973469	3					
178.07	179.03	0.96	0.86	90	K973470	3					
179.03	179.83	0.80	0.75	94	K973471	4					
179.83	180.74	0.91	0.82	90	K973472	4					
180.74	181.58	0.84	0.80	95	K973473	4					
181.58	183.52	1.94	1.94	100	K973474	4					
183.52	184.36	0.84	0.67	80	K973475	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
184.36	187.38	3.02	2.57	85	K973476	4					
187.38	188.15	0.77	0.69	90	K973477	4					
					K973478	4					Standard ME-16
188.15	191.04	2.89	2.60	90	K973479	4					
191.04	193.95	2.91	2.76	95	K973480	4					
193.95	195.04	1.09	0.87	80	K973481	4					
195.04	195.93	0.89	0.76	85	K973482	4					
195.93	197.21	1.28	1.09	85	K973483	4					
197.21	198.26	1.05	0.94	90	K973484	4					
198.26	201.18	2.92	2.77	95	K973485	4					
					K973486	4					Standard ME-16
201.18	203.65	2.47	2.22	90	K973487	4					
203.65	204.51	0.86	0.64	75	K973488	4					
204.51	206.87	2.36	2.24	95	K973489	4					
					K973490	4					Duplicate
206.87	209.89	3.02	2.72	90	K973491	4					
209.89	210.89	1.00	1.00	100	K973492	4					
210.89	212.45	1.56	1.56	100	K973493	4					
212.45	213.35	0.90	0.86	95	K973494	4					
213.35	216.60	3.25	3.25	100	K973495	4					
216.60	219.85	3.25	3.25	100	K973496	4					
219.85	223.04	3.19	3.03	95	K973497	4					
223.04	224.51	1.47	1.32	90	K973498	4					
	.				K973499	4					Blank
224.51	225.89	1.38	1.31	95	K973500	4					
225.89	228.02	2.13	1.92	90	K974001	4					
228.02	229.35	1.33	1.20	90	K974002	4					
					K974003	4					Blank
229.35	232.05	2.70	2.57	95	K974004	4					
232.05	235.05	3.00	2.55	85	K974005	4					
235.05	238.34	3.29	2.96	90	K974006	4					
238.34	240.42	2.08	1.77	85	K974007	5					
240.42	241.74	1.32	1.21	92	K974008	5					
241.74	242.90	1.16	1.16	100	K974009	5					
242.90	243.71	0.81	0.80	99	K974010	5					
					K974011	5					Blank
243.71	245.25	1.54	1.56	101	K974012	5					
245.25	246.52	1.27	1.28	101	K974013	5					
246.52	247.36	0.84	0.84	100	K974014	5					
247.36	249.52	2.16	2.30	106	K974015	5					
249.52	251.06	1.54	1.36	88	K974016	5					
					K974017	5					Standard PL-2
251.06	253.48	2.42	2.31	95	K974018	5					
253.48	255.12	1.64	1.64	100	K974019	5					
255.12	256.96	1.84	1.86	101	K974020	5					
256.96	258.22	1.26	1.27	101	K974021	5					
258.22	259.47	1.25	1.37	110	K974022	5					
259.47	261.13	1.66	1.63	98	K974023	5					
					K974024	5					Blank
261.13	262.24	1.11	1.10	99	K974025	5					
262.24	263.46	1.22	1.20	98	K974026	5					
263.46	266.57	3.11	3.02	97	K974027	5					
					K974028	5					Standard PL-2
266.57	269.53	2.96	2.99	101	K974029	5					
269.53	270.69	1.16	1.16	100	K974030	5					
270.69	272.68	1.99	2.05	103	K974031	5					
272.68	273.50	0.82	0.80	98	K974032	5					
273.50	274.97	1.47	1.47	100	K974033	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
274.97	276.98	2.01	2.00	100	K974034	5					
					K974035	5					Duplicate
276.98	278.71	1.73	1.57	91	K974036	5					
278.71	280.39	1.68	1.69	101	K974037	5					
280.39	283.32	2.93	3.00	102	K974038	5					
283.32	284.59	1.27	1.32	104	K974039	5					
284.59	286.00	1.41	1.38	98	K974040	5					
286.00	286.83	0.83	0.87	105	K974041	5					
286.83	288.55	1.72	1.70	99	K974042	5					
288.55	289.56	1.01	1.05	104	K974043	6					
289.56	291.18	1.62	1.61	99	K974044	6					
291.18	293.48	2.30	2.19	95	K974045	6					
293.48	294.68	1.20	1.02	85	K974046	6					
294.68	296.29	1.61	1.45	90	K974047	6					
296.29	298.55	2.26	2.15	95	K974048	6					
298.55	299.62	1.07	1.07	100	K974049	6					
					K269150	6					Blank
299.62	301.14	1.52	1.29	85	K269151	6					
301.14	303.50	2.36	1.77	75	K269152	6					
303.50	304.50	1.00	0.90	90	K269153	6					
304.50	306.12	1.62	1.62	100	K269154	6					
306.12	307.12	1.00	0.95	95	K269155	6					
307.12	309.55	2.43	2.31	95	K269156	6					
309.55	310.75	1.20	1.20	100	K269157	6					
					K269158	6					Blank
310.75	313.03	2.28	2.28	100	K269159	6					
313.03	316.08	3.05	2.90	95	K269160	6					
316.08	319.13	3.05	2.90	95	K269161	6					
319.13	322.39	3.26	2.61	80	K269162	6					
					K269163	6					Standard ME-16
322.39	325.02	2.63	2.63	100	K269164	6					
325.02	326.46	1.44	1.44	100	K269165	6					
326.46	328.27	1.81	1.81	100	K269166	6					
328.27	329.05	0.78	0.78	100	K269167	6					
					K269168	6					Duplicate
329.05	330.05	1.00	1.00	100	K269169	6					
330.05	330.92	0.87	0.87	100	K269170	6					
330.92	331.92	1.00	1.00	100	K269171	6					
331.92	333.21	1.29	1.23	95	K269172	6					
333.21	333.95	0.74	0.74	100	K269173	6					
333.95	335.93	1.98	1.98	100	K269174	6					
					K269175	6					Standard ME-16
335.93	338.79	2.86	2.86	100	K269176	6					
338.79	341.86	3.07	3.07	100	K269177	6					
341.86	344.86	3.00	3.00	100	K269178	6					
344.86	346.31	1.45	1.47	101	K269179	7					
346.31	348.57	2.26	2.26	100	K269180	7					
348.57	349.44	0.87	0.81	93	K269181	7					
349.44	351.09	1.65	1.75	106	K269182	7					
351.09	351.97	0.88	0.87	99	K269183	7					
351.97	354.94	2.97	3.00	101	K269184	7					
354.94	356.59	1.65	1.57	95	K269185	7					
					K269186	7					Standard ME-16
356.59	359.56	2.97	3.00	101	K269187	7					
359.56	361.80	2.24	2.21	99	K269188	7					
361.80	364.85	3.05	3.03	99	K269189	7					
											EOH 364.85m

DENSITY LOG

Hole: **KL-11-46**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	Pyrite %	%	%	Other	%							
												2002	1589.4	2000g Standard	#DIV/0!	4.85
87.13	GRD	MS	phy	s						10	6	780.6	510.5		2.76	2.89
												2005.1	1684.1	2000g Standard	#DIV/0!	6.25
94.51	GRD	MS	phy	s	1					10	6	843.9	535.4		2.98	2.74
												2005	1507.2	2000g Standard	#DIV/0!	4.03
257.33	GRD	MA								10.2	6.374	866.2	655.8		2.66	4.12
												1978.9	1721	2000g Standard	#DIV/0!	7.67
283.96	GRD	MA	pro	m						9.869	6.393	829.5	442.3		2.62	2.14
												1999.2	1663.5	2000g Standard	#DIV/0!	5.96
361.23	GRD	MA								9.652	6.377	803.9	480.5	unaltered GRD	2.61	2.49
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-46

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00			0.273	
4.00			0.325	
5.00			0.731	
6.00			18.88	
7.00			15.6	
8.00			18.59	
9.00			15.29	
10.00			11.32	
11.00			16.64	
12.00			10.26	
13.00			23.58	
14.00			14.64	
15.00			0.448	
16.00			0.366	
17.00			14.7	
18.00			17.22	
19.00			18.81	
20.00			5.839	
21.00			27.75	
22.00			26.12	
23.00			29.15	
24.00			25.53	
25.00			20.02	
26.00			22.15	
27.00			28.23	
28.00			1.238	
29.00			21.76	
30.00			0.624	
31.00			0.572	
32.00			0.32	
33.00			26.04	
34.00			1.679	
35.00			0.685	
36.00			0.766	
37.00			0.681	
38.00			0.772	
39.00			29.69	
40.00			35.51	
41.00			6.194	
42.00			0.94	
43.00			27.18	
44.00			18.82	
45.00			25.03	
46.00			22.87	
47.00			55.46	
48.00			18.67	
49.00			26.09	
50.00			24.9	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			21.34	
52.00			21.56	
53.00			23.88	
54.00			31.05	
55.00			19.39	
56.00			1.323	
57.00			20.68	
58.00			17.64	
59.00			25.16	
60.00			2.434	
61.00			0.619	
62.00			3.318	
63.00			0.383	
64.00			0.232	
65.00			25.33	
66.00			11.76	
67.00			17.74	
68.00			16.02	
69.00			17.29	
70.00			15.53	
71.00			18.38	
72.00			20.89	
73.00			10.5	
74.00			17.08	
75.00			16.09	
76.00			19.68	
77.00			27.43	
78.00			15.56	
79.00			18.54	
80.00			37.56	
81.00			3.146	
82.00			0.564	
83.00			0.987	
84.00			1.852	
85.00			1.697	
86.00			0.634	
87.00			0.3621	
88.00			0.242	
89.00			8.123	
90.00			21.16	
91.00			0.481	
92.00			0.235	
93.00			0.251	
94.00			0.376	
95.00			0.518	
96.00			14.93	
97.00			0.67	
98.00			7.72	
99.00			0.446	
100.00			36.13	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			25.36	
102.00			31.51	
103.00			27.45	
104.00			0.492	
105.00			31.22	
106.00			30.96	
107.00			24.08	
108.00			25.27	
109.00			36.62	
110.00			28.51	
111.00			30.45	
112.00			28.24	
113.00			28.7	
114.00			28.68	
115.00			1.165	
116.00			18.82	
117.00			2.728	
118.00			23.15	
119.00			0.623	
120.00			27.91	
121.00			27.78	
122.00			14.57	
123.00			8.58	
124.00			19.17	
125.00			26.53	
126.00			19.31	
127.00			0.529	
128.00			9.192	
129.00			7.709	
130.00			2.775	
131.00			0.333	
132.00			0.804	
133.00			19.3	
134.00			0.844	
135.00			22.86	
136.00			0.596	
137.00			6.376	
138.00			21.27	
139.00			18.17	
140.00			23.22	
141.00			20.58	
142.00			18.97	
143.00			14.83	
144.00			24.85	
145.00			26.99	
146.00			15.48	
147.00			7.058	
148.00			0.369	
149.00			5.516	
150.00			0.383	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.434	
152.00			1.874	
153.00			17.94	
154.00			3.711	
155.00			12.37	
156.00			1.099	
157.00			0.198	
158.00			0.388	
159.00			15.34	
160.00			38.04	
161.00			20	
162.00			14.91	
163.00			2.537	
164.00			0.374	
165.00			0.337	
166.00			0.847	
167.00			0.594	
168.00			1.203	
169.00			21.34	
170.00			25.03	
171.00			26.17	
172.00			29.15	
173.00			8.419	
174.00			18.38	
175.00			3.86	
176.00			14.37	
177.00			6.925	
178.00			8.255	
179.00			0.42	
180.00			0.238	
181.00			0.123	
182.00			0.352	
183.00			0.319	
184.00			0.124	
185.00			0.464	
186.00			1.103	
187.00			0.352	
188.00			0.188	
189.00			0.236	
190.00			0.494	
191.00			2.111	
192.00			0.883	
193.00			0.459	
194.00			0.498	
195.00			0.226	
196.00			0.279	
197.00			0.199	
198.00			0.479	
199.00			16.36	
200.00			0.237	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.729	
202.00			0.375	
203.00			0.488	
204.00			0.095	
205.00			0.275	
206.00			1.668	
207.00			17.75	
208.00			9.719	
209.00			0.672	
210.00			0.836	
211.00			0.546	
212.00			0.636	
213.00			0.582	
214.00			0.453	
215.00			0.292	
216.00			0.247	
217.00			0.288	
218.00			0.257	
219.00			0.201	
220.00			0.252	
221.00			0.313	
222.00			0.282	
223.00			0.292	
224.00			0.293	
225.00			0.305	
226.00			3423	
227.00			0.328	
228.00			0.224	
229.00			0.226	
230.00			0.32	
231.00			0.205	
232.00			0.241	
233.00			0.19	
234.00			0.265	
235.00			0.211	
236.00			0.233	
237.00			0.247	
238.00			0.257	
239.00			0.241	
240.00			0.197	
241.00			0.29	
242.00			0.173	
243.00			0.194	
244.00			0.114	
245.00			0.246	
246.00			0.213	
247.00			0.157	
248.00			0.202	
249.00			0.196	
250.00			0.72	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.663	
252.00			28.67	
253.00			15.09	
254.00			0.365	
255.00			0.291	
256.00			0.238	
257.00			0.321	
258.00			0.328	
259.00			0.246	
260.00			0.275	
261.00			0.813	
262.00			11.37	
263.00			0.38	
264.00			20.2	
265.00			19.65	
266.00			40.79	
267.00			34.84	
268.00			7.754	
269.00			23.59	
270.00			33.1	
271.00			0.438	
272.00			0.145	
273.00			0.212	
274.00			0.336	
275.00			0.41	
276.00			8.718	
277.00			13.75	
278.00			6.733	
279.00			0.289	
280.00			0.309	
281.00			0.541	
282.00			10.22	
283.00			31.08	
284.00			10.06	
285.00			0.228	
286.00			0.276	
287.00			0.211	
288.00			0.373	
289.00			0.224	
290.00			0.12	
291.00			0.599	
292.00			0.311	
293.00			7.203	
294.00			0.258	
295.00			0.37	
296.00			0.024	
297.00			0.288	
298.00			4.302	
299.00			0.174	
300.00			0.013	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.107	
302.00			0.231	
303.00			0.323	
304.00			0.18	
305.00			0.191	
306.00			0.39	
307.00			0.265	
308.00			0.286	
309.00			0.308	
310.00			0.241	
311.00			0.352	
312.00			13.54	
313.00			26.79	
314.00			27.71	
315.00			26.58	
316.00			30.84	
317.00			21.04	
318.00			23.49	
319.00			0.557	
320.00			0.545	
321.00			0.346	
322.00			8.469	
323.00				
324.00			0.197	
325.00			0.256	
326.00			0.251	
327.00			0.229	
328.00			0.014	
329.00			0.226	
330.00			0.503	
331.00			0.506	
332.00			0.684	
333.00			34.12	
334.00			2.301	
335.00			0.962	
336.00			2.245	
337.00			2.373	
338.00			29.32	
339.00			27.74	
340.00			30.81	
341.00			35.98	
342.00			1.288	
343.00			38.07	
344.00			30.29	
345.00			8.595	
346.00			16.88	
347.00			0.501	
348.00			5.172	
349.00			0.642	
350.00			8.7425	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.324	
352.00			0.942	
353.00			30.29	
354.00			31.72	
355.00			0.669	
356.00			0.578	
357.00			22.81	
358.00			0.48	
359.00			9.373	
360.00			9.575	
361.00			23.59	
362.00			27.69	
363.00			12.46	
364.00			44.5	
			EOH	

BOX LOG

HOLE: KL-11-46

BOX	FROM (m)	TO (m)
1	0.00	5.18
2	5.18	8.85
3	8.85	13.55
4	13.55	16.54
5	16.54	20.42
6	20.42	24.39
7	24.39	28.17
8	28.17	32.23
9	32.23	36.20
10	36.20	40.46
11	40.46	44.51
12	44.51	48.41
13	48.41	52.45
14	52.45	56.67
15	56.67	60.78
16	60.78	64.87
17	64.87	69.02
18	69.02	72.53
19	72.53	76.24
20	76.24	80.14
21	80.14	83.90
22	83.90	87.79
23	87.79	92.02
24	92.02	96.40
25	96.40	100.13
26	100.13	104.12
27	104.12	108.03
28	108.03	112.19
29	112.19	116.30
30	116.30	120.23
31	120.23	124.05
32	124.05	128.13
33	128.13	132.00
34	132.00	135.97
35	135.97	139.26
36	139.26	143.34
37	143.34	147.18
38	147.18	151.18
39	151.18	155.34
40	155.34	159.20
41	159.20	162.83
42	162.83	166.06
43	166.06	170.07
44	170.07	175.00
45	175.00	177.64
46	177.64	181.56
47	181.56	185.55
48	185.55	189.87
49	189.87	193.61
50	193.61	197.45
51	197.45	200.25
52	200.25	205.88
53	205.88	209.99
54	209.99	214.16
55	214.16	218.34
56	218.34	222.37
57	222.37	226.58
58	226.58	230.21
59	230.21	233.92
60	233.92	238.34
61	238.34	241.65
62	241.65	245.55
63	245.55	249.52
64	249.52	253.83
65	253.83	257.99
66	257.99	261.92
67	261.92	266.19
68	266.19	270.24
69	270.24	274.44
70	274.44	278.62
71	278.62	282.32
72	286.39	286.39
73	290.38	290.38
74	290.38	294.68
75	294.68	298.55
76	298.55	302.70
77	302.70	306.24
78	306.24	309.98
79	309.98	314.11
80	314.11	318.37
81	318.37	322.39
82	322.39	325.92
83	325.92	330.34
84	330.34	334.59
85	334.59	338.79
86	338.79	343.03
87	343.03	347.20
88	347.20	351.33
89	351.33	355.64
90	355.64	359.80
91	359.80	364.06
92	364.06	364.85
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382971.83	6890130.5	1360.694	227.69

ZONE: Klaza

SECTION:

HOLE: KL-11-47

CLAIM:

Contractor: Strike

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	166.73	36.5	-50.3	Ranger
75.29	34.4	-49.6	Ranger	197.21	39.3	-50.5	Ranger
105.77	37.6	-50	Ranger	227.69	35.9	-50.6	Ranger
136.25	36.1	-50.1	Ranger				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	1.22	1.22	OVB	No recovery
1.22	26.88	25.66	GRD	Oxidized phyllic and argillic altered granodiorite.
				strongly oxidized with quartz veinlets throughout.
26.88	55.60	28.72	GRD	Phyllic altered granodiorite with disseminated pyrite
				and significant gouge intervals. Sulphide veins rare.
55.60	75.83	20.23	VEN	Strongly altered granodiorite hosting numerous wide
				massive sulphide veins and gouge zones. Vein Zone.
75.83	108.25	32.42	GRD	Strongly altered granodiorite dominated by large, pink
				chalcedony quartz veins.
108.25	131.17	22.92	POR/BXA	Intermittent wide zones of quartz feldspar porphyry
				dykes and high grade sulphide rich breccia zones.
				quartz sulphide veins also present at dyke contacts.
131.17	203.18	72.01	GRD	Phyllic to propylitic altered granodiorite hosting
				abundant smokey and milky quartz veins and veinlets
203.18	227.69	24.51	GRD	weakly propylitic altered granodiorite with unaltered
				intervals present. 227.69 EOH.

SAMPLES

Numbers: K974154-K974200, K972901-K972993

Total: 140

Batch: KL-11-47 Batch 1-4

Date Sent:

Certificate: WH11188837, WH11188857, WH11188859, WH11193196

COMMENTS

GEOLOGY LOG

HOLE: KL-11-47

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	1.22					OVB	OR	MA				s	pro	w													Mostly lost (99%). Overburden and oxidized granodiorite. Weak propyllitic alteration in granodiorite.
1.22	4.83					GRD	OR	MA				s															Broken and oxidized granodiorite blocks . Hematite and goethite coating onsome fracture surfaces. Oxidized sulphide veins?
4.83	12.82					GRD	OR	MA				m	pro	w													Weakly propyllitic altered granodiorite with oxidized phyllic envelopes surrounding oxidized quartz-sulphide veinlet/veins.
			4.83	5.35		GRD	OR	EN	m			s			VT	90	1	1									Former phyllic alteration envelope now oxidized. Beige chalcedony veinlet still remaining.
			8.64	9.08		GRD	ORGI	EN	m			ms								f							Phyllic alteration envelope surrounding goethite patches and disseminated pyrite still visible in alteration.
			9.08	10.91		GRD	OR	EN	w			s			VN	90	25?	1									Phyllic alteration envelopes now oxidized surrounding former quartz-sulphide veins. Sulphide veins now consist of hematite and goethite.
			11.32	11.57		GRD	ORGI	EN	f			s			VT	70	0.4	2									Phyllic alteration envelope now oxidized. Envelope surrounding quartz-sulphide veins?
			12.69	12.82		GRD	ORGI	EN	m			s			VT	70	1	1									Phyllic alteration envelope now oxidized. Envelope now surrounding oxidized quartz-sulphide veinlet.
12.82	26.88					GRD	GY	MA					pro	w	VT	40	0.1	3									Weak propyllitic alteration in granodiorite with oxidized phyllic envelopes surrounding oxidized quartz-sulphide veins. Fractures coated with hematite, goethite, and limonite. Carbonate veinlets throughout.
			16.71	16.94		GRD	GN	EN	m			m			VT	60	0.8	2									Oxidized phyllic envelope surrounding oxidized carbonate veinlets.
			19.76	20.31		GRD	LTGN	EN	ms			f			VN	85	1	1		t		w					Phyllic alteration envelope surrounding milky-quartz beige carbonate vein with trace pyrite and blebs of sphalerite. Oxidized carbonate veinlets throughout envelope at various orientations.
												m			VT		0	3									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			26.11	26.88		GRD	LTGN	EN	s						VN	90	1	2		t							Phyllic alteration envelope surrounding beige chalcedony veins and veinlets. Veins and veinlets throughout envelope at various orientations.
															VT	90	0.4	2		t							
26.88	35.52					GRD	LTGN		ms																		Phyllic alteration interval with with gougy sub-intervals containing various oxides including limonite. Also significant quartz vein-gouge interval.
			26.88	28.53		GRD	OR	GO												w							Gouge interval with orange, yellow, and grey clays. Clasts are composed of green granodiorite, grey quartz, pink chalcedony, and pyrite. Clasts from ~1mm-5cm in width.
			28.60	28.66		VEN	GY	MA							VN	60	6	1		w							Smoky quartz vein with blebs of pyrite.
			29.37	29.79		GRD	ORYV	GO				m															Orange and yellow (limonite and hematite) in the clay of the gouge sub-interval.
			30.00	30.62		GRD	YWW	GO												w							Yellow and white clay gouge interval. Grandiorite and pyrite clasts.
			30.62	31.18		VEN	GY	GO												f							Milky quartz, pink chalcedony, and smoky quartz vein with gouge containing pyrite, granodiorite, and vein clasts. Grey and white clay in gouge.
			31.18	32.07		GRD	OR	GO				f															Orange clay gouge with granodiorite clasts. Fair oxidation.
			33.17	35.52		GRD	BG	GO																			Granodiorite gouge sub-interval with grey and beige clay.
35.52	37.45					GRD	DKGY	GO					pro	s						t							Strong propyllitic alteration in granodiorite. Gouge (soft core) with yellow clay. Trace disseminated pyrite throughout.
37.45	55.60					GRD	GY	MA					pro	w	ST		0.1	3									weakly altered propyllitic granodiorite with phyllic alteration envelopes surrounding quartz-sulphide veins/veinlets. Carbonate stringers throughout interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			39.03	39.29		GRD	LTGN		f	s					VT	80	1	3										Phyllic and argillic alteration surrounding quartz veinlet with sphalerite and pink chalcedony veinlets.
			43.94	42.20		GRD	LTGN	EN							VN	80	1	1				f						Phyllic alteration envelope with milky quartz vein and blebs of sphalerite.
			44.77	45.48		GRD	LTGN	EN							XN		8	1		w								Phyllic alteration envelope with altered mafic xenolith with disseminated pyrite and smoky quartz vein with disseminated pyrite.
															VN	75	1	2		w								
55.60	57.29					GRD	DKGN	MA					pro	s	VN	90	4	1		t								Strong propyllitic alteration surrounding milky quartz vein with beige carbonate veinlets and trace pyrite.
57.29	63.74					GRD	LTGN	MA	s		s																	Phyllic alteration in granodiorite. Most of interval is smoky quartz vein with white carbonate, pink chalcedony, and massive sphalerite+pyrite+arsenopyrite+galena. Small gouge sub-interval at beginning of veins. Strong quartz flooding.
			57.60	57.72		GRD	LTGN	GO																				Gouge with white and grey clay and clasts of granodiorite (1mm-1cm in width).
			57.72	58.98		VEN	GY								VN	85?	26	1		t								Smoky quartz vein with blebs of pink-orange chalcedony and traces of fine-grained pyrite.
			58.03	58.23		VEN	PK	BX																				Pink chalcedony and smoky quartz breccia. Pyrite, sphalerite, and arseonpyrite, and granodiorite clasts.
			58.30	59.17		VEN	GY	CR+BA			w				VN	90?	87	1		ms	m	###	m?					Large massive sulphide vein. Crackled sphalerite with pink chalcedony and white carbonate veinlets. Massive beige chalcedony ~15cm in the middle of the vein and banded arsenopyrite surrounding with blebs of galena,pyrite, and sphalerite. Weak alteration in veins.
			59.50	59.68		VEN	GY	BL							VN	80	18	1		w	f	ms	w					Smoky quartz vein and beige chalcedony vein with blebs of sphalerite, pyrite, arseonpyrite, and galena. Scorodite along margins of chalcedony-arsenopyite veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			59.85	60.23		VEN	GY								VN	50	38	1		w	s	w	w				Smoky and milky quartz vein with beige chalcedony and blebs of sphalerite and galena. Masses of fine grained arsenopyrite and pyrite in vein as well.
			60.27	60.48		VEN	GY								VN	50?	11	1		t		t	t				Smoky quartz flooded subinterval. Trace pyrite, sphalerite, and galena?
			62.96	63.09		VEN	GY	BA							VN	90	13	1		w			w				Banded smoky quartz and beige chalcedony vein (bands ~1cm) with disseminated pyrite and galena.
63.74	66.28					GRD	DKGN	MA					pro	s	VT	75	0.3	3									Strong propyllitic alteration in granodiorite. Carbonate veinlets and pyrite stringers throughout.
															ST	20	0.1	3		w							
66.28	75.83					GRD	GNPK	MA	m				pot	f	ST	80	0.1	3									Pink and green phyllic and potassic alteration in granodiorite. Gougy sub-interval and large quartz sulphide veins. Beige carbonate stringers thtroughout. Oxidized fractures and quartz veinlets with disseminated pyrite throughout.
															VT	90	0.8	2		t							
			68.08	68.48		GRD	DKGN	MA					pro	m													Moderate propyllitic alteration in granodiorite
			69.51	70.18		GRD	DKGN	MA					pro	m													Moderate propyllitic alteration in granodiorite.
			72.24	72.36		VEN	GY	GO																			Gougy smoky quartz vein. Core is broken making vein specifics difficult to determine.
			74.11	74.12		VEN	GY	BL							VN	85	1	1				f					Grey quartz vein with blebs of sphalerite
			74.18	74.30		VEN	PK								VN	90?	12?	1		f							Core is broken so vein width and orientation might be incorrect. Pink chalcedony and smoky quartz vein with blebs of pyrite.
			74.38	74.43		VEN	GY								VN	50	3	1		w	f	f	t				Smoky quartz vein with wispy string of disseminated arseonpyrite and pyrite. Blebs of galena and sphalerite.
			74.66	74.79		VEN	GY	BA							VN	90	13	1									Banded pink chalcedony -smoky quartz vein. Massive agglomerations of pyrite , galena, and sphalerite. Brecciated texture in chalcedony vein with smoky quartz clasts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
75.83	80.76					GRD	DKGN	MA					pro	w	ST	~75	0.1	5									Weak propyllitc alteration in granodiorite. Phyllic alteration envelopesn with quartz-sulphide veins. Black stringers throughout sub-interval.
			76.35	76.71		GRD	GN	EN	m						VN	85	1	1		w		f	f				Green-yellow phyllic alteration envelope with grey quartz vein containing blebs of galena, sphalerite, and pyrite.
			79.58	80.19		GRD	GN	EN	m						VN	70	0.6	1		t		t	t				Phyllic alteration envelope surrounding quartz veinle with trace pyrite, sphalerite, and galena.
80.76	96.81					GRD	GN	PA	s	f			pro	w	VT	70	0.3	2		w		w					Patchy phyllic, argillic, and propyllitic alteration with pink chalcedony quartz-sulphide veins. Mostly green-yellow phyllic alteration with patches of argillic and propyllitic alteration.Pink chalcedony veinlets and quartz-sulphide veinlets common. Approximatly 0.5m or core broken.
			80.75	83.35		GRD	WHPI	MA		ms			pot	w	VT	90	0	1		t							Mostly argillic and potassic alteration with last 75cm a mix of argillic and propyllitic alteration in granodiorite. Quartz veinlets with trace pyrite within
			83.80	84.43		VEN	PK	DR							VN	0	1	1									Drusy low-angle chalcedony vein.
			84.49	84.54		VEN	GY								VN	80	3	1		w	t	t					Orange chalcedony surrounding smoky quartz vein with blebs of pyrite and sphalerite with disseminated arseonpyrite.
			84.82	84.95		VEN	GY								VN	90	7	1		t	w	f	t				Vuggy smoky quartz vein with disseminated fine grained pyrite and a band of massive sphalerite, pyrite, arsenopyrite, and galena.
			85.57	85.59		VEN	GY								VN	85	2	1		t	w	t	t				Smoky quartz vein with arseonpyrite, spalerite, pyrite, and galena.
			85.79	86.63		GRD	WHPI	MA		ms																	Argillic alteration patch. Pink and white clay.
			89.08	89.24		VEN	GY								VN	75	16	1		w		w					Intermixed smoky quartz and pink chalcedony vein with disseminated pyrite and sphalerite. Empty spaces in vein once filled with anhydrite?
			90.80	90.90		VEN	GY	BX							VN	60	10	1		m		w					Intermixed orange chalcedony with granodiorite clasts and pyrite bands with blebs of sphalerite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			92.27	92.33		VEN	BK								VN	80	4	1		f		ms	w				Orange chalcedony surrounding smoky quartz vein with blebs of pyrite, galena, and sphalerite. 4cm gouge on lower contact.
			92.86	93.67		GRD	DKGN	MA					pro	s													Strong propyllitic alteration sub-interval
			94.31	94.39		VEN	GY								VN	90	8	1		w	f	w					Banded twin milky and smoky quartz veins at 90 degrees with a dark vein between at 70 degrees. Dark vein with orange chalcedony on one contact. Disseminated sphalerite, pyrite, and arseonpyrite.
			94.49	94.70		VEN	PKGN	GO							VN	90?	5?	1									Pink chalcedony and gouge sub-interval. Core is broken making structure difficult to determine.
															GO		10?	1									
			95.19	95.37		VEN	WH	MA							VN	?	?	1									Edge of white carbonate vein
96.81	105.77					GRD	DKGN	MA					pro	m	ST		0.1	3									Weak to moderate porpyllitic alteration in granodiorite. Black stringers and carboante veinlets at various orientations throughout.
															VN		0.3	2									
105.97	108.25					GRD	GN	EN	ms						VN	90	1	1									Grey clay "plug" ~2cm on contact with dyke. Phyllic alteration envelope with barren quartz vein.
108.94	109.99					POR	GY	PO																			Quartz-feldspar porphyry dyke
109.99	119.70					GRD	GNYW	MA																			Yellow-green phyllic alteration in granodiorite. Large gouge sub-interval. Some breccias and quartz sulphide veins.
			111.21	111.23		VEN	GY								VN	90	2	1		f		w					Milky quartz vein with blebs of pyrite and sphalerite.
			111.94	112.07		VEN	BK	BX							VN	90	13	1		w							Quartz vein with black breccia and disseminated pyrite. Clasts are composed of quartz vein and orange chalcedony.
			112.84	112.87		VEN	GY	BL							VN	90	1	1		w		w					Quartz vein with blebs of pyrite and sphalerite
			114.50	114.51		VEN	BK	BX							VN	40	1	1		t							Black breccia vein with granodiorite clasts. Fine dark matrix with trace pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			114.52	119.22		GRD	LTGN	GO																			Gougy sub-interval. White and grey clay with granodiorite blocks. Sphalerite veins and aplite dyke blocks.
			116.47	116.66		APL	RD	MA							DK	?	19	1									
			117.62	118.26		VEN	BN	MA							VN	3	1	1				1					
119.70	120.03					POR	GN	DK																			Quartz-feldspar porphyry dyke
120.03	122.81					GRD	DKGN	FD	ms		m		pro	f						f		w					Phyllic and propyllitic envelope in granodiorite. Smoky quartz flooding and disseminated pyrite blebs throughout interval.
122.81	125.78					POR	GN	PO																			Quartz-feldspar porphyry dyke. Gougy white clay sub-interval on both contacts of the dyke. Upper gougy contact only 3cm.
			125.58	125.78		POR	BG	GO																			Quartz-feldpsar porphyry dyke-granodiorite contac gouge with white and grey clay.
125.78	130.05					GRD	PKGN	PA	s	m			pro	w	VT	80	0.3	2		s							Propyllitic alteration on contact with dyke for first 20cm. Next ~1.5m argillic alteration and the rest the interval phyllic alterationwith beige chalcedony and smoky quartz veins with sphalerite and pyrite. Pyrite veinlets throughout.
															VN	90	3	2		w		f					
130.05	131.17					POR	BG	PO																			Quartz-feldspar porphyry dyke
131.17	136.11					GRD	LTGN	MA	m																		Phyllic alteration in granodiorite with gougy patches(1-5cm) with grey and white clay. Quartz-sulphide veins throughout. Large gougy sub-intervals at the end of the interval.
			131.65	131.67		VEN	WH								VN	88	1	1		w		###					Milky quartz-beige chalcedony vein with pyrite and sphalerite.
			132.23	132.29		VEN	BN	BA							VN	90	6	1		f		###	f				Banded beige chalcedony and sphalerite vein with blebs of pyrite and galena. Disseminated pyrite blebs in surrounding alteration.
			134.59	135.21		GRD	GYW	GO																			Gougy sub-interval with dark quartz clasts and pyrite clasts with white and grey clay.
			135.21	135.46		POR	BG																				Quartz-feldspar porphyry dyke fragment? Highly fractured.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
136.11	136.81					BXA	BK	BX												t							Black breccia with granodiorite clasts, porphyry dyke clasts, and trace pyrite. Clasts 1mm-6cm wide.
136.81	143.16					GRD	GN	MA	f				pro	w	VT	75	0.2	1		w		w					Patchy weak propyllitic alteration and fair phyllic alteration in granodiorite. Breccia vein. Quartz, sphalerite, and pyrite veinlets throughout.
			137.94	137.97		VEN	BK	BX							VN	90	3	1		w							Black breccia vein. Granodiorite, porphyry, and disseminated pyrite clasts in fine dark matrix.
			141.51	142.25		GRD	GYPK	MA							VN	70	1	1									Phyllic and argillic alteration patch surrounding barren quartz-white carboante vein.
143.16	145.36					GRD	WHPI	MA		m			pot	f	ST	75	0.1	5		f							Argillic and potassic alteration interval. Pyrite stringers througout. Smoky quartz vein with trace disseminated pyrite.
			144.65	144.72		VEN	GY	MA							VN	75	7	1		t							
145.36	150.25					GRD	LTGN	MA	m						VT	65	0.2	2									Variable alteration interval. Green-yellow phyllic alteration surrounding black breccia. Most of the interval is phyllic alteration with patches of of potassic alteration and weak porpyllitic alteration. Chalcedony veinlets throughout.
			145.67	145.92		BXA	BK	BX							VN	90	9	1		###		40		CP	s		Black breccia with porphyry clasts and massive sphalerite, pyrite, and chalcopyrite in smoky quartz vein in footwall.
			148.86	148.37		GRD	PKGN	MA					pro/p	w/f													Potassic alteration with spotty propyllitic alteration.
150.25	156.52					GRD	WHGN								VT	30	0.2	2									Argillic alteration with weak potassic alteration. Phyllic alteration surrounding quartz-sulphide veins. Carbonate veinlets throughout.
			150.25	151.13		GRD	LTGN	EN	s						VT	85	0.2	3		f							Phyllic alteration envelope with massive sulphide vieins. Disseminated pyrite and pyrite veinlets throughout interval
			150.55	150.62		VEN	BZ	MA							VN	90	7	1		###		f	f				Massive sulphide vein with mostly pyrite and blebs of sphalerite and galena.
			150.66	150.69		VEN	GY	BL							VN	90	3	1		f		w	t				Smoky quartz vein with blebby pyrite, sphalerite, and galena.
			151.95	153.38		GRD	LTGN	EN	m				pot/pr	w/w	VN	90	1	2		m		w					First 40cm patchy propyllitic and potassic alteration. The rest of the interval is phyllic alteration surrounding quartz sulphide veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
156.52	168.00					GRD	GNYV	MA	m				pro	t													Phyllic alteration with quartz-sulphide veins, gougy sub-interval, and spots of propyllitic alteration.
			157.02	157.16		VEN	BZ	MA							VN	90	14	1		###	###						Massive pyrite and massive arsonpyrite vein with smoky quartz.
			157.86	157.93		BXA	BK	BX												w							Black breccia with granodiorite clasts and disseminated pyrite with fine black matrix.
			159.44	159.49		VEN	GY	MA							VN	90	5	1		t							Grey quartz vein. Trace pyrite on margins
			159.63	159.67		VEN	GY								VN	90	4	1		t							Grey quartz vein. Trace pyrite on margins
			160.15	160.19		VEN	WH								VN	90	3	1		s							Milky quartz vein with clusters of pyrite
			160.59	161.49		GRD	WHG	GO												w							Gouge interval with grey and white clay . Weak disseminated pyrite.
			163.94	164.01		VEN	BGWH								VN	85	5	1		s							White quartz and beige chalcedony vein with clusters of pyrite.
			164.33	164.36		VEN	WH	GO							GO	35	2	1									Gouge vein? With white clay and granodiorite and quartz clasts.
			165.45	164.49		VEN	WH								VN	50	3	1		s							White quartz and pink chalcedony vein with clusters of pyrite.
			166.02	166.95		GRD	GY								VN	85	1	6		f	w	f					Series of dark quartz veinlets with pink chalcedony in phyllic alteration envelope. Vein contains pyrite, sphalerite and arseonpyrite.
168.00	169.21					GRD	DKGN	MA					pro	w													Weak propyllitic alteration in granodiorite
169.21	172.36					GRD	GNYV	MA	m																		Phyllic alteration interval with quartz-sulphide veins.
			169.92	169.97		VEN	WH								VN	75	4	1		w		m					White quartz vein with orange chalcedony and blebs of sphalerite and pyrite.
			170.59	170.68		VEN	BZ								VN	85	9	1		s	f	w					White quartz vein with massive pyrite and disseminated arsenopyrite and sphalerite.
			171.72	171.79		VEN	GY								VN	90	3	1		m							Smoky quartz and pink chalcedony vein with blebs of pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
172.36	174.60					GRD	DKGN	MA					pro	w	VT	85	0.2	2									Weak to moderate propyllitic alteration. Stronger alteration around quartz veinlets.
174.60	179.52					GRD	WHPI	MA		s			pro/pc	w/f													Argillic and potassic alteration with patches of propyllitic alteration towards the end of the interval.
179.52	184.45					GRD	WHG	PA							VT	85	0.2	2									Patchy alteration. Phyllic and argillic alteration patches with small patches of propyllitic alteration. Carbonate veinlets throughout. Quartz-sulphide veins as well/ Rare pyrite stringers.
															ST	65	0.1	1		w							
			180.81	181.03		VEN	GY								VN	90	10	1		f	w	t					Smoky quartz vein with pink chalcedony and pyrite, arsenopyrite, and sphalerite. Pyrite and chalcedony veinlets proximal to large vein.
															VN	85	0.8	1		f		w					
184.45	203.18					GRD	LTGN	MA	ms	f			pot/pr	w/w													Phyllic alteration interval with gougy sub-interval, propyllitic patches, and quartz-sulphide veins. Some phyllic with moderate argillic alteration. Also potassic alteration patches.
			185.08	185.13		GRD	WH	GO																			Gouge interval with white-grey clay and granodiorite clasts 1mm-1cm.
			185.22	185.62		GRD	WH	GO					SE	I						f							Gouge interval/intense sericite alteration. White grey clay/sericite with granodiorite clasts (1mm-2cm) and pyrite throughout.
			186.82	186.87		VEN	GY								VN	80	1	1		w	f	###					Milky quartz vein with massive sphalerite, arsenopyrite, and pyrite.
			192.91	194.78		GRD	DKGN	MA					pro	w													Weak propyllitic alteration sub-interval
			194.86	194.89		VEN	PK								VN	75	1.5	1		w							Pink chalcedony vein with smoky quartz and "stringy" pyrite.
			195.81	197.21		GRD	PKGN	MA					pro	w													Weak propyllitic alteration.
			197.54	197.63		VEN	GY								VN	75	1	2		m							Smoky quartz veins with "wormy" pyrite and disseminated pyrite in surrounding alteration.
			198.01	198.13		VEN	GY	BX							VN	90	12	1		w	w?						Smoky quartz vein breccia with orange chalcedony and white carbonate fracture fill. Disseminated pyrite and arsenopyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			201.49	201.64		VEN	GY	BA							VN	55	3	2		m		w?					Banded smoky quartz vein with pyrite and sphalerite bands. Quartz flooded granodiorite with disseminated pyrite previous to vein.
203.18	227.69					GRD	DKGN	MA					pro	w	VT	35	0	2									Weak to no propyllitic alteration in granodiorite. Phyllic and argillic alteration envelopes surrounding quartz, pink chalcedony, and sulphide veinlets. Carbonate veinlets throughout.
			204.14	204.38		GRD	LTGN	EN	m						VN	85	1	1		t							Phyllic alteration envelope surrounding beige chalcedony vein. Trace disseminated pyrite.
			210.63	211.56		GRD	LTGN	EN	m						VN	75	2	1									Phyllic alteration envelope surrounding pink chalcedony vein and quartz flooding surrounding pyrite veinlet.
															VT	90	0.4	1		m							
			214.46	214.69		GRD	WH			s																	Strong argillic alteration patch
			215.01	215.76		GRD	GN	EN	m	m					VT	75	0.8	2									Phyllic and argillic alteration envelope surrounding grey quartz veinlets.
			218.97	219.25		GRD	GN	EN							VN	70	1	3		w							Phyllic alteration envelope surrounding white quartz veins with pyrite.
			221.17	221.49		GRD	GN	EN	m						VT	85	0.4	1		f							Phyllic alteration envelope with beige chalcedony veinlets with pyrite blebs.
			221.68	222.04		GRD	GN	EN							VN	75	1	3									Phyllic alteration envelope surrounding white carbonate and pink chalcedony veinlets.
			225.92	227.69		GRD	GN	PA	m	w			pot/pr	m/w													Patchy phyllic, argillic, and propyllitic, andd potassic alteration.
																											EOH 227.69m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-47

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	1.22	1.22		0		0				CASING
1.22	2.13	0.91	0.48	53	0.15	16		HW		
2.13	3.35	1.22	0.66	54	0.00	0		HW		
3.35	6.10	2.75	2.34	85	0.15	5	S	HW		
6.10	7.62	1.52	1.21	80	1.10	72	S	HW		
7.62	11.28	3.66	3.70	101	1.44	39	S	HW		
11.28	14.33	3.05	3.05	100	1.00	33	S	MW		
14.33	17.37	3.04	3.10	102	0.45	15	S	SW		
17.37	20.42	3.05	3.06	100	1.04	34	S	SW		
20.42	23.47	3.05	3.03	99	0.41	13	S	SW		
23.47	26.52	3.05	3.01	99	0.50	16	W	SW		
26.52	29.57	3.05	3.05	100	0.37	12	W	SW		
29.57	32.61	3.04	3.00	99	0.51	17	W	SW		
32.61	35.66	3.05	2.33	76	0.33	11	S	SW		
35.66	38.71	3.05	2.95	97	0.62	20	S	FR		
38.71	41.76	3.05	2.99	98	1.29	42	S	SW		
41.76	44.81	3.05	3.10	102	0.49	16	W	SW		
44.81	47.85	3.04	2.98	98	0.79	26	S	FR		
47.85	50.90	3.05	2.98	98	0.43	14	S	FR		
50.90	53.64	2.74	2.59	95	0.12	4	MS	FR		
53.64	57.00	3.36	2.92	87	0.49	15	MS	FR		
57.00	60.05	3.05	3.03	99	0.32	10	S	SW		
60.05	63.09	3.04	3.00	99	0.36	12	MS	SW		
63.09	66.14	3.05	3.05	100	0.00	0	MS	SW		
66.14	69.19	3.05	3.01	99	1.88	62	MS	SW		
69.19	72.24	3.05	3.00	98	1.23	40	MS	SW		
72.24	75.29	3.05	2.85	93	1.73	57	MS	SW		
75.29	78.33	3.04	3.04	100	1.93	63	MS	FR		
78.33	81.38	3.05	2.96	97	1.54	50	MS	FR		
81.38	84.43	3.05	3.03	99	1.17	38	MS	FR		
84.43	87.48	3.05	2.99	98	1.58	52	MS	FR		
87.48	90.53	3.05	3.02	99	1.30	43	MS	FR		
90.53	93.57	3.04	2.91	96	0.35	12	MS	FR		
93.57	96.62	3.05	2.90	95	0.92	30	MS	FR		
96.62	99.67	3.05	2.74	90	0.37	12	MS	FR		
99.67	102.72	3.05	2.75	90	0.82	27	MS	FR		
102.72	105.77	3.05	2.96	97	1.43	47	MS	FR		
105.77	108.81	3.04	2.59	85	0.73	24	MS	FR		
108.81	111.86	3.05	2.96	97	0.98	32	MS	FR		
111.86	114.91	3.05	2.90	95	1.66	54	MS	FR		
114.91	117.96	3.05	2.94	96	0.15	5	MS	FR		
117.96	121.01	3.05	2.87	94	0.45	15	M	FR		
121.01	124.05	3.04	3.01	99	1.39	46	M	FR		
124.05	127.10	3.05	2.92	96	1.85	61	M	FR		
127.10	130.15	3.05	3.02	99	2.40	79	M	FR		
130.15	133.20	3.05	3.03	99	1.65	54	M	FR		
133.20	136.25	3.05	2.92	96	0.91	30	M	FR		
136.25	139.29	3.04	3.07	101	1.97	65	M	FR		
139.29	142.34	3.05	2.93	96	1.49	49	M	FR		
142.34	145.39	3.05	3.05	100	1.22	40	M	FR		
145.39	148.44	3.05	3.06	100	2.44	80	M	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
148.44	151.49	3.05	2.97	97	1.45	48	M	FR		
151.49	154.53	3.04	2.86	94	1.32	43	M	FR		
154.53	157.58	3.05	2.93	96	1.26	41	M	FR		
157.58	160.63	3.05	3.02	99	2.14	70	M	FR		
160.63	163.68	3.05	2.95	97	1.02	33	M	FR		
163.68	166.73	3.05	3.12	102	1.64	54	M	FR		
166.73	169.77	3.04	2.97	98	1.31	43	MS	FR		
169.77	172.82	3.05	3.03	99	2.04	67	MS	FR		
172.82	175.87	3.05	3.02	99	2.57	84	W	FR		
175.87	178.92	3.05	2.98	98	1.81	59	W	FR		
178.92	181.97	3.05	2.99	98	0.84	28	W	FR		
181.97	185.01	3.04	2.99	98	1.01	33	MS	FR		
185.01	188.06	3.05	2.95	97	1.28	42	MS	FR		
188.06	191.11	3.05	3.05	100	2.26	74	MS	FR		
191.11	194.16	3.05	3.02	99	1.78	58	MS	FR		
194.16	197.21	3.05	3.06	100	1.33	44	S	FR		
197.21	200.25	3.04	3.11	102	2.06	68	S	FR		
200.25	203.30	3.05	3.07	101	1.70	56	S	FR		
203.30	206.35	3.05	2.93	96	1.78	58	S	FR		
206.35	209.40	3.05	3.13	103	1.07	35	S	FR		
209.40	212.45	3.05	3.00	98	2.21	72	S	FR		
212.45	215.49	3.04	2.85	94	1.89	62	S	FR		
215.49	218.54	3.05	3.09	101	1.49	49	S	FR		
218.54	221.59	3.05	3.03	99	1.80	59	S	FR		
221.59	224.64	3.05	2.98	98	1.55	51	S	FR		
224.64	227.69	3.05	2.92	96	1.23	40	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-47

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.35	3.35									No Sample
3.35	6.10	2.75	2.19	80	K974154	1					
6.10	8.64	2.54	2.26	89	K974155	1					
8.64	9.97	1.33	1.21	91	K974156	1					
9.97	11.28	1.31	1.31	100	K974157	1					
					K974158	1					Standard ME-16
11.28	14.33	3.05	3.05	100	K974159	1					
14.33	17.37	3.04	2.98	98	K974160	1					
17.37	19.42	2.05	2.02	99	K974161	1					
19.42	20.42	1.00	1.00	100	K974162	1					
20.42	23.47	3.05	2.96	97	K974163	1					
23.47	25.89	2.42	2.34	97	K974164	1					
25.89	26.89	1.00	0.96	96	K974165	1					
					K974166	1					Blank
26.89	28.77	1.88	1.88	100	K974167	1					
28.77	30.00	1.23	1.20	98	K974168	1					
30.00	31.18	1.18	1.10	93	K974169	1					
					K974170	1					Standard PL-2
31.18	32.07	0.89	0.88	99	K974171	1					
32.07	33.17	1.10	1.10	100	K974172	1					
33.17	35.66	2.49	1.97	79	K974173	1					
35.66	37.45	1.79	1.72	96	K974174	1					
37.45	38.71	1.26	1.26	100	K974175	1					
					K974176	1					Duplicate
38.71	41.76	3.05	2.89	95	K974177	1					
41.76	44.77	3.01	2.98	99	K974178	1					
44.77	45.77	1.00	1.00	100	K974179	1					
45.77	47.85	2.08	1.88	90	K974180	1					
47.85	50.90	3.05	2.93	96	K974181	1					
50.90	53.64	2.74	2.46	90	K974182	1					
53.64	56.55	2.91	2.61	90	K974183	1					
56.55	57.72	1.17	1.15	98	K974184	1					
57.72	59.17	1.45	1.45	100	K974185	1					
					K974186	1					Blank
59.17	61.48	2.31	1.86	81	K974187	1					
61.48	62.76	1.28	1.21	95	K974188	1					
62.76	63.36	0.60	0.58	97	K974189	1					
63.36	66.28	2.92	2.73	93	K974190	2					
66.28	68.48	2.20	2.11	96	K974191	2					
68.48	70.18	1.70	1.64	96	K974192	2					
70.18	72.24	2.06	2.02	98	K974193	2					
72.24	73.86	1.62	1.68	104	K974194	2					
73.86	74.86	1.00	0.90	90	K974195	2					
					K974196	2					Blank
74.86	76.71	1.85	1.81	98	K974197	2					
76.71	78.33	1.62	1.62	100	K974198	2					
78.33	80.76	2.43	2.37	98	K974199	2					
80.76	83.43	2.67	2.73	102	K974200	2					
83.43	84.43	1.00	1.00	100	K972901	2					
84.43	85.60	1.17	1.14	97	K972902	2					
					K972903	2					Blank
85.60	87.11	1.51	1.51	100	K972904	2					
87.11	89.03	1.92	1.89	98	K972905	2					
					K972906	2					Duplicate
89.03	90.80	1.77	1.76	99	K972907	2					
90.80	92.39	1.59	1.59	100	K972908	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
92.39	93.96	1.57	1.45	92	K972909	2					
93.96	95.02	1.06	1.00	94	K972910	2					
95.02	96.62	1.60	1.50	94	K972911	2					
96.62	99.67	3.05	3.05	100	K972912	2					
99.67	102.72	3.05	2.90	95	K972913	2					
102.72	105.77	3.05	3.07	101	K972914	2					
					K972915	2					Standard ME-16
105.77	108.92	3.15	3.15	100	K972916	2					
108.92	109.99	1.07	1.02	95	K972917	2					
109.99	111.20	1.21	1.21	100	K972918	2					
111.20	112.20	1.00	1.00	100	K972919	2					
112.20	114.41	2.21	2.19	99	K972920	2					
114.41	115.91	1.50	1.50	100	K972921	2					
115.91	116.89	0.98	0.89	91	K972922	2					
116.89	117.96	1.07	1.07	100	K972923	2					
					K972924	2					Standard PL-2
117.96	119.70	1.74	1.63	94	K972925	2					
119.70	121.03	1.33	1.32	99	K972926						
121.03	122.81	1.78	1.82	102	K972927						
122.81	125.78	2.97	2.77	93	K972928						
125.78	127.78	2.00	2.00	100	K972929						
127.78	128.78	1.00	0.99	99	K972930						
128.78	130.05	1.27	1.25	98	K972931						
					K972932						Blank
130.05	131.17	1.12	1.10	98	K972933						
131.17	132.30	1.13	1.13	100	K972934						
132.30	134.59	2.29	2.23	97	K972935						
134.59	136.11	1.52	1.42	93	K972936						
136.11	136.81	0.70	0.70	100	K972937						
136.81	137.97	1.16	1.16	100	K972938						
					K972939						Duplicate
137.97	139.29	1.32	1.33	101	K972940						
139.29	142.34	3.05	2.97	97	K972941						
142.34	144.37	2.03	2.03	100	K972942						
144.37	145.39	1.02	1.02	100	K972943						
145.39	146.39	1.00	0.99	99	K972944						
					K972945						Blank
146.39	148.44	2.05	2.05	100	K972946						
148.44	150.25	1.81	1.82	101	K972947						
150.25	150.98	0.73	0.74	101	K972948						
150.98	152.38	1.40	1.40	100	K972949						
152.38	153.38	1.00	1.00	100	K972950						
					K972951						Standard ME-16
153.38	156.52	3.14	2.87	91	K972952						
156.52	157.52	1.00	1.00	100	K972953						
157.52	159.43	1.91	1.93	101	K972954						
159.43	160.59	1.16	1.14	98	K972955						
160.59	161.63	1.04	0.96	92	K972956						
161.63	163.68	2.05	2.01	98	K972957						
163.68	164.68	1.00	0.95	95	K972958						
					K972959						PL-2
164.68	166.02	1.34	1.34	100	K972960						
166.02	167.02	1.00	1.00	100	K972961						
167.02	169.92	2.90	2.80	97	K972962						
169.92	171.95	2.03	2.03	100	K972963						
171.95	174.60	2.65	2.63	99	K972964						
174.60	175.87	1.27	1.26	99	K972965						
175.87	178.92	3.05	3.00	98	K972966						

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K972967						Standard ME-16
178.92	180.38	1.46	1.46	100	K972968						
180.38	181.38	1.00	1.00	100	K972969						
181.38	183.34	1.96	1.89	96	K972970						
183.34	184.62	1.28	1.21	95	K972971						
184.62	185.62	1.00	1.00	100	K972972						
185.62	186.95	1.33	1.33	100	K972973						
					K972974						Duplicate
186.95	189.04	2.09	2.05	98	K972975						
189.04	191.11	2.07	2.07	100	K972976						
191.11	194.16	3.05	3.04	100	K972977						
194.16	197.21	3.05	3.03	99	K972978						
197.21	198.46	1.25	1.24	99	K972979						
198.46	200.93	2.47	2.47	100	K972980						
200.93	201.94	1.01	1.01	100	K972981						
					K972982						Blank
201.94	203.18	1.24	1.21	98	K972983						
203.18	206.35	3.17	2.98	94	K972984						
206.35	209.40	3.05	3.05	100	K972985						
					K972986						Blank
209.40	212.45	3.05	3.02	99	K972987						
212.45	215.49	3.04	2.82	93	K972988						
215.49	218.54	3.05	3.05	100	K972989						
218.54	221.59	3.05	3.05	100	K972990						
					K972991						Blank
221.59	224.64	3.05	3.02	99	K972992						
224.64	227.69	3.05	3.02	99	K972993						
											EOH 224.69

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

DENSITY LOG

Hole: **KL-11-47**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	pyrite %	arseno %	sphal %	Other	%							
												1962.4	1778.2	2000g Standard	#DIV/0!	10.65
59	VEN		phyllic	i	i	i	i			11.07	6.32	1060.5	838		3.05	4.77
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-47

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00			4.61	
3.00			0.513	RUBBLE
4.00			14.87	
5.00			3.009	
6.00			17.26	
7.00			22.79	
8.00			1.098	
9.00			0.588	
10.00			1.711	
11.00			24.01	
12.00			29.43	
13.00			28.52	
14.00			11.43	
15.00			35.18	
16.00			12.96	
17.00			30.08	
18.00			33.62	
19.00			4.189	
20.00			0.875	
21.00			23	
22.00			32.62	
23.00			31.35	
24.00			26.23	
25.00			6.882	
26.00			0.956	
27.00			0.279	
28.00			0.347	
29.00			0.486	
30.00			0.366	
31.00			0.152	
32.00			0.274	
33.00			0.322	
34.00			0.452	
35.00			0.636	
36.00				
37.00			0.943	
38.00			24.53	
39.00			12.57	
40.00			26.37	
41.00			35.45	
42.00			32.86	
43.00			1.695	
44.00			0.914	
45.00			0.642	
46.00			1.202	
47.00			4.585	
48.00			1.806	
49.00			24.37	
50.00			23.06	
51.00			10.98	
52.00			20.8	
53.00			21.99	
54.00			11.91	
55.00			22.08	
56.00			6.68	
57.00			6.617	
58.00			0.213	
59.00			0.145	
60.00			0.221	
61.00			0.58	
62.00			5.01	
63.00			0.313	
64.00			6.416	
65.00			4.14	
66.00			7.496	
67.00			0.63	
68.00			0.654	
69.00			0.446	
70.00			1.396	
71.00			0.603	
72.00			0.464	
73.00			0.487	
74.00			0.305	
75.00			0.847	
76.00			18.37	
77.00			23.97	
78.00			24.37	
79.00			16.62	
80.00			1.276	
81.00			23.17	
82.00			1.039	
83.00			10.91	
84.00			0.298	
85.00			0.204	
86.00			3.097	
87.00			0.414	
88.00			5.814	
89.00			0.47	
90.00			0.326	
91.00			0.416	
92.00			0.647	
93.00			0.517	
94.00			0.447	
95.00			0.286	
96.00			0.736	
97.00			3.96	
98.00			33.68	
99.00			30.27	
100.00			38.11	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			8.594	
102.00			29.87	
103.00			38.21	
104.00			22.74	
105.00			9.608	
106.00			0.861	
107.00			2.882	
108.00			0.657	
109.00			0.222	dyke
110.00			0.159	
111.00			0.335	
112.00			0.244	
113.00			0.409	
114.00			0.411	
115.00			0.265	
116.00			0.377	
117.00			0.146	
118.00			0.755	
119.00			0.293	
120.00			0.264	dyke
121.00			0.187	dyke
122.00			0.204	
123.00			0.329	dyke
124.00			0.309	
125.00			0.277	dyke
126.00			0.566	
127.00			0.614	
128.00			0.231	
129.00			0.366	
130.00			0.235	
131.00			0.295	
132.00			0.381	
133.00			0.583	
134.00			0.394	
135.00			0.234	
136.00			0.425	
137.00			0.57	
138.00			13.17	
139.00			0.606	
140.00			1.443	
141.00			22.21	
142.00			1.065	
143.00			1.53	
144.00			6.732	
145.00			0.336	
146.00			0.771	
147.00			7.825	
148.00			0.383	
149.00			0.335	
150.00			0.562	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.164	
152.00			11.1	
153.00			0.226	
154.00			3.485	
155.00			0.406	
156.00			0.447	
157.00			0.15	
158.00			1.266	
159.00			0.398	
160.00			0.419	
161.00			0.251	
162.00			0.383	
163.00			0.965	
164.00			0.299	
165.00			3.14	
166.00			0.271	
167.00			0.712	
168.00			5.026	
169.00			6.152	
170.00			0.27	
171.00			0.48	
172.00			0.177	
173.00			36.5	
174.00			0.821	
175.00			11.69	
176.00			0.827	
177.00			0.343	
178.00			1.084	
179.00			0.558	
180.00			0.543	
181.00			0.27	
182.00			0.538	
183.00			0.201	
184.00			8.489	
185.00			0.226	
186.00			0.176	
187.00			0.234	
188.00			0.329	
189.00			0.495	
190.00			18.93	
191.00			0.129	
192.00			0.192	
193.00			10.19	
194.00			6.863	
195.00			0.319	
196.00			16.64	
197.00			11.87	
198.00			0.127	
199.00			0.285	
200.00			0.366	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.238	
202.00			0.634	
203.00			10.44	
204.00			0.519	
205.00			17.6	
206.00			12.37	
207.00			33.6	
208.00			38.89	
209.00			38.83	
210.00			44.5	
211.00			0.851	
212.00			31.38	
213.00			17.36	
214.00			17	
215.00			16.13	
216.00			33.83	
217.00			0.605	
218.00			29.1	
219.00			26.89	
220.00			21.01	
221.00			2.701	
222.00			0.843	
223.00			21.07	
224.00			22.88	
225.00			21.01	
226.00			13.7	
227.00			0.596	
			EOH	

BOX LOG

HOLE: KL-11-47

BOX	FROM (m)	TO (m)
1	0.00	6.10
2	6.10	10.42
3	10.42	14.33
4	14.33	17.78
5	17.78	21.82
6	21.82	25.60
7	25.60	29.20
8	29.20	32.77
9	32.77	36.85
10		40.85
11		44.58
12		48.54
13		52.70
14		56.87
15		61.66
16		64.58
17		68.40
18		72.56
19		76.92
20		81.04
21		85.11
22		89.13
23		93.21
24		96.88
25		100.41
26		104.43
27		108.34
28		111.86
29		116.09
30		119.74
31		123.83
32		127.98
33		132.08
34		136.25
35		140.26

BOX	FROM (m)	TO (m)
36	140.26	144.53
37	144.53	148.68
38	148.68	152.51
39	152.51	156.32
40	156.32	160.30
41	160.30	164.49
42	164.49	168.60
43	168.60	172.82
44	172.82	176.94
45	176.94	181.03
46	181.03	184.92
47	184.92	189.04
48	189.04	193.27
49	193.27	197.21
50	197.21	201.39
51	201.39	205.59
52	205.59	209.62
53	209.62	213.49
54	213.49	218.18
55	218.18	222.04
56	222.04	226.06
57	226.06	227.69
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382804.82	6889739.6	1422.264	209.4

ZONE: HERC

SECTION:

HOLE: KL-11-48

CLAIM:

Contractor: Swiftsure

Drill:

Core size: HQ

Casing depth: 2.00 (m) in / **out**

Drilling dates:

Geology logged by: J. Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	117.96	38.50	-46.50	Ranger
26.52	35.7	-47.3	Ranger	148.44	40.60	-46.20	Ranger
57.00	37.1	-47.2	Ranger	178.92	40.70	-45.70	Ranger
87.48	37.9	-46.7	Ranger	209.40	39.60	-45.50	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.00	2.00	OVB	Casing/No recovery.
2.00	32.61	30.61	GRD	Oxidized granodioirte, phyllic to propylitic alteration
				hosting disseminated tourmaline and quartz/tourmalin
				veins.
32.61	39.99	7.38	VEN	Phyllic altered granodioirte hosting wide massive
				sulphide veins and vein breccias. Abundant quartz/
				sulphide veins and veinlets. Vein Zone.
39.99	149.53	109.54	GRD	Largely unaltered granodioirte.
149.53	165.60	16.07	POR	Quartz feldspar porphyry dyke.
165.60	195.60	30.00	VEN/DYK	Alternating strongly sericitized gouge zones and quart
				flooded vein zones hosting massive galena, sphalerite
				pyrite and arsenopyrite. Vein zones seperated by
				silicious dykes. Strongly mineralized interval.
195.6	209.4	13.80	GRD	Largely unaltered granodioirte. 209.40 EOH.

SAMPLES

Numbers: K972480 - K972500, L828501 - L8285594

Total: 115

Batch: DDH-48 B1-B4

Date Sent:

Certificate: WH11177097, WH11177338, WH11184897, WH11184899, WH11230742, WH11237836

COMMENTS

GEOLOGY LOG

HOLE: KL-11-48

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	2.00	2.00				OVB																					Casing: no recovery
2.00	11.40	9.40				GRD	GY					t															Unaltered granodiorite, weakly oxidized in fractures.
11.40	32.61	21.21				GRD	GNOR		ms	tw		f	pro	m						t			To	f			Moderate to strong phyllic/propylitic granodiorite hosting disseminated tourmaline, few veinlets in zone. Moderate oxidation (intense in fractures). Minor goethite in few fractures.
																							Go	t			
			21.81	22.20	0.39	BXA	BKOR	GO	i	i					BX	70				tw			Go	t			Oxidized gouge vein hosting strong goethite staining and blebby pyrite grading into typical black breccia with massive pyrite clasts as well as intensely phyllic altered granodiorite.
			23.82	23.88	0.06	VEN	GNWH		i						VN	80				w		f		Se	f		Chalcedony quartz vein, 1cm wide with a massive sphalerite veinlet on footwall side. Sphalerite veinlet hosts pyrite blebs. Vein is encased by intensely phyllic altered granodiorite envelope.
			25.85	25.99	0.14	VEN	GNWH		i						VN	80				f		t					Same as above: series of quartz/sphalerite veinlets. Entire interval hosts blebby pyrite (strong).
			29.57	31.08	1.51		WHGN	PA	ms	ms			Arg	ms						tw				Se	tw		Patchy phyllic/argillic altered zone. Atleration through zone is strong disseminated sericite and weak pyrite, very few quartz veinlets.
			29.57	29.92	0.35		WHPK			s			Arg	s										Bi	tw		Strongly argillic altered granodiorite with equally strong potassic altered overprinting. Trace biotite in zone.
													Pot	s													
32.61	33.50	0.89				VEN	WHBK	VU	i		80				VN	80				tw		tw	tw				Vuggy milky/smokey quarrtz vein hosting quartz vreccia zones and blebby-massive galena/sphalerite/pyrite in the form of clasts and veinlets. Phyllic altered granodiorite envelope.
33.50	39.99	6.49				GRD	GYGN	PA	tw		t		Pro	tw													Spaced out patchy unaltered and phyllic/propylitic altered granodiorite. Vein zones in hosts are well developed and have strongly altered envelopes.
			32.82	38.62	5.80		WHPK			s			Arg	s										To	t		Strongly argillic altered zone with equally strong potassic altered overprinting. Trace tourmaline disseminated in zone.
													Pot	s													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			38.89	38.93	0.04	VEN	WHBK	FL	i		60				VN	50				w		w	t				Chalcedony quartz vein (flowbanded) hosting blebby to massive sphalerite and pyrite. Trace disseminated galena as well. Phyllic altered envelope.
			39.71	39.87	0.16	VEN	WHBK	FL	i		60				VN	80				w		w	w				Same as above: massive sphalerte/galena/pyrite.
39.99	149.53	109.54				GRD	GYGN		t				Pro	m													Largely unaltered granodiorite hosting intervals o phyllic or propylitic altered granosiorite with quartz veins and veinlets. Some altered zones host sulphide veinlets.
			42.99	51.66	8.67		LTGN		ms		t													To	f		Phyllic altered granodiorite hosting pervasive tourmaline.
			80.37	80.56	0.19	VEN	LTGN	FD	ms				Pro	m	VN	70				tw				To	t		Phyllic altered quartz vein zone, milky quartz veins. Interval is quartz flooded, material hosts disseminated pyrite and trace tourmaline. Frew pyrite stringers.
			81.28	81.49	0.21	VEN	LTGN	FD	ms				Pro	m	VN	80				tw							Same as above (no tourmaline)
			94.99	95.12	0.13	MAF	GYGN	FD			ms				DY	60											Silicious mafic dyke dar and light tan coloured zones. Fractures filled with light tan coloured material.
			96.22	96.98	0.76		LTGN		i		w									w		w	t				Strong phyllic altered granodiorite hosting disseminated pyrite and two chalcedony quartz veinlets >1cm wide. Veinlets hosts massive-blebby galena/sphalerite.
			99.80	99.98	0.18	APL	PK	DY							DY	80											Apilte dyke.
			113.85	114.95	1.10	VEN	WH	FD	ms						VN	?				t		t	t				Chalcedony quartz vein, brecciated at contacts hosting minor blebby galena, pyrite and sphalerite. Ankerite veinlets cross-cut quartz vein. Ankerite is somewhat vuggy.
			114.95	115.95	1.00		LTGN		ms				Pro	ms						tw		t	t				Phyllic to porpylitic altered granodiorite hosting disseminated pyrite and a single massive galena, sphalerite stringer in the center of the zone.
			123.21	124.93	1.72		LTGN		s		t		Pro	w						t		t	t				Phyllic altered granodiorite with locallized propylitic zones. Interval hosts massive pyrite/sphalerite/galena stringers associated with ankerite/quartz veins. Few and far between.
			123.21	123.35	0.14	VEN	GN	MA	i		t		Pro	tw	VN	80				t		m	m				Phyllic/propylitic altered envelope (granodiorite) around a 1cm quartz vein hosting massive galena/sphalerite. Dissminated pyrite throughout interval.
			126.87	126.97	0.10	VEN	GN	MA	i		t		Pro	tw	VN	80				t		m	m				Same as above
			135.21	135.52	0.31	MAF	DKGN	FD			t		Pro	tw						t							Mafic dyke. Mildy propylitic alteration hosting narrow chalcedony quartz vein with pervasive pryite around it.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			141.44	141.65	0.21	VEN	GN		i		tw				VN	85				w			t				Phyllic altered granodiorite envelope around a 3cm chalcedony quartz/milky quartz vein hosting massive pyrite and rare blebby galena. Disseminated pyrite through interval.
			148.44	149.53	1.09		WHBK	BX		ms			Arg	ms						t			tw				Strongly argillic altered granodiorite grades into a 10cm extremely weak breccia hosting disseminated pyrite at dyke contact.
149.53	165.60	16.07				POR	LTGY								DY	75											Quartz feldspar porphyry dyke
165.60	177.54	11.94				GRD	GN	PA	ms	tw	tw		Pro	tw						tw	t	tw	tw				Highly altered, largely phyllic with zones of argillic/potassic and propylitic alteration. Strong Klaza Zone mineralization found in strongly phyllic altered interval.
													Pot	tw													
			169.90	170.77	0.87		WHPK			ms			Arg	ms													Very strongly argillic altered interval with strong potasisc alteration overprinting the zone.
													Pot	ms													
			170.80	171.17	0.37	VEN	GN	MA	i		t		Pro	tw	VN	75				t		m	m				Same as 123.21-135.55m.
			172.08	172.63	0.55	VEN	LTGN	FL	i		tw				VN	65				tw		tw	tw	Se	f		Strongly phyllic altered, quartz flooded vien zone hosting pervasive sericite and quartz/chalcedony veins and veinlets up to 4cm wide hosting massive to blebby galena, pyrite, sphalerite. Main vein hosts grey quartz clasts. Pervasive pyrite throughout interval frequent and numverous pyrite veinlets.
			176.92	177.65	0.73	VEN	LTGN	FL	i		tw				VN	70				tw		f	f	Se	f		Same as above; stronger mineralization, vuggy quartz veins present.
177.54	179.04	1.50				FEL	LTGY				s				DY	75											Sillicious, felsic dyke, light grey in colour
179.04	181.40	2.36				GRD	LTGN	FD	i		ms									m	t	t	t	Se	f		Extremely phyllic altered granodiorite hosting pervasive coarse grained pyrite and pyrite vines. Small vein/gouge zones hosts trace galena/sphalerite as well as abundant pyrite. Zone is strongly sericitized.
			179.04	179.60	0.56	VEN		GO	i		i		Ser	i	VN	?				i		t	t	To	f		Metallic, extremely sericitized gouge vein dominated by coarse pyrite, pervasive tourmaline and disseminated galena, sphalerite throughout. Frequent quartz clasts. Strong veining.
181.40	188.10	6.70				FEL	LTGY	BK			s				DY	?											Silicious, felsic dyke, light grey in colour
188.10	195.60	7.50				GRD	LTGN	VU	i	w	i									ms	w	m	m				Intensely phyllic altered granodiorite. Strong quartz flooding. Vuggy quartz zones and veins. Zone hosts abundant pervasive to massive galena/pyrite/sphalerite/arsenopyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			191.11	195.60	4.49	VEN		MA	i		i				VN	65				ms	w	ms	ms				Strong vuggy quartz vien hosting massive galena/sphalerite/arsenopyrite veins up to 5cm wide.
195.60	209.40	13.80				GRD	GYGN		tw		t		Pro	tw						t		t	t				Largely unaltered granodiorite hosting quartz/ankerite veinlets associated with massive galena/sphalerite veinlets hosted in phyllic altered envelopes.
			197.16	197.83	0.67		LTGN		ms		tw				VN	60				tw		tw	tw				Phyllic altered zone hosting 2 quartz veins with massive galena/sphalerite veinlets on contacts. Dissminated pyrite throughout.
			200.20	202.30	2.10		LTGN		ms		tw		Pro	tw						t		t	t				Same as above; host one large vein
			200.36	200.80	0.44	VEN	DKGY	VU	i		90				VN	75				ms							Smokey quartz vein hosting disseminated to blebby pyrite, vuggy quartz. Intensely phyllic altered envelopes.
			205.52	205.81	0.29		LTGN		ms		tw				VN	65				tw		tw	tw				Same as 197.16-197.83m. One vein.
																											EOH @ 209.40m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-48

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.00	2.00		0		0				Casing / no recovery
2.00	3.05	1.05	1.04	99	0.36	34		SW		
3.05	5.18	2.13	2.04	96	1.56	73		SW		
5.18	8.23	3.05	3.00	98	1.70	56	MS	SW		
8.23	11.28	3.05	3.00	98	1.59	52	MS	FR		
11.28	14.33	3.05	3.06	100	1.52	50	MS	FR		
14.33	17.37	3.04	2.95	97	0.79	26	MS	SW		
17.37	20.42	3.05	2.98	98	0.69	23	MS	SW		
20.42	23.47	3.05	3.01	99	1.64	54	MS	SW		
23.47	26.52	3.05	3.02	99	1.64	54	MS	SW		
26.52	29.57	3.05	3.03	99	2.17	71	MS	SW		
29.57	32.61	3.04	2.98	98	1.89	62	MS	FR		
32.61	35.66	3.05	2.96	97	1.14	37	MS	SW		
35.66	38.70	3.04	3.07	101	1.77	58	MS	SW		
38.70	41.76	3.06	2.95	96	1.57	51	MS	SW		
41.76	44.81	3.05	2.28	75	1.98	65	MS	SW		
44.81	47.85	3.04	3.10	102	2.39	79	MS	FR		
47.85	50.90	3.05	2.92	96	2.46	81	MS	FR		
50.90	53.94	3.04	3.01	99	2.56	84	MS	FR		
53.94	56.99	3.05	2.94	96	2.40	79	MS	FR		
56.99	60.04	3.05	3.00	98	2.71	89	MS	SW		
60.04	63.09	3.05	2.73	90	1.73	57	MS	SW		
63.09	66.14	3.05	3.01	99	2.30	75	MS	FR		
66.14	69.18	3.04	3.09	102	2.50	82	MS	FR		
69.18	72.24	3.06	2.76	90	1.18	39	MS	SW		
72.24	75.28	3.04	2.96	97	1.51	50	MS	FR		
75.28	78.33	3.05	2.96	97	1.93	63	MS	FR		
78.33	81.38	3.05	3.02	99	1.25	41	MS	FR		
81.38	84.43	3.05	2.99	98	1.22	40	MS	FR		
84.43	87.48	3.05	2.78	91	0.41	13	MS	FR		
87.48	90.52	3.04	3.07	101	1.22	40	MS	FR		
90.52	93.57	3.05	2.92	96	1.43	47	MS	FR		
93.57	96.52	2.95	3.02	102	1.46	49	MS	FR		
96.52	99.60	3.08	3.05	99	0.87	28	MS	FR		
99.60	102.72	3.12	3.06	98	1.91	61	MS	FR		
102.72	105.77	3.05	2.95	97	1.00	33	MS	FR		
105.77	108.81	3.04	2.98	98	0.69	23	MS	FR		
108.81	111.86	3.05	2.94	96	1.31	43	MS	FR		
111.86	114.91	3.05	3.02	99	1.29	42	MS	FR		
114.91	117.95	3.04	2.80	92	1.12	37	MS	FR		
117.95	121.01	3.06	2.96	97	0.57	19	MS	FR		
121.01	124.05	3.04	3.06	101	0.95	31	MS	FR		
124.05	127.10	3.05	2.99	98	1.08	35	MS	FR		
127.10	130.15	3.05	3.00	98	1.86	61	MS	FR		
130.15	133.20	3.05	2.92	96	1.72	56	MS	FR		
133.20	136.25	3.05	3.01	99	1.25	41	MS	FR		
136.25	139.29	3.04	3.01	99	0.86	28	MS	FR		
139.29	142.34	3.05	2.99	98	2.10	69	MS	FR		
142.34	145.39	3.05	3.05	100	1.79	59	MS	FR		
145.39	148.44	3.05	2.98	98	2.42	79	MS	FR		
148.44	151.48	3.04	3.00	99	1.80	59	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.48	154.53	3.05	3.06	100	1.17	38	MS	FR		
154.53	157.58	3.05	3.01	99	0.87	29	MS	FR		
157.58	160.63	3.05	3.08	101	1.29	42	MS	FR		
160.63	163.68	3.05	2.96	97	2.10	69	MS	FR		
163.68	166.72	3.04	3.00	99	1.38	45	MS	FR		
166.72	169.77	3.05	3.03	99	1.76	58	MS	FR		
169.77	172.82	3.05	3.05	100	1.37	45	MS	FR		
172.82	175.87	3.05	3.01	99	1.70	56	MS	FR		
175.87	178.92	3.05	2.88	94	1.06	35	MS	FR		
178.92	181.96	3.04	2.90	95	0.44	14	MS	FR		
181.96	185.01	3.05	3.03	99	0.37	12	MS	FR		
185.01	188.06	3.05	2.89	95	0.00	0	MS	FR		
188.06	191.11	3.05	2.97	97	0.83	27	MS	FR		
191.11	194.16	3.05	2.42	79	0.17	6	MS	FR		
194.16	197.21	3.05	2.95	97	0.54	18	MS	FR		
197.21	200.21	3.00	3.01	100	0.69	23	MS	FR		
200.21	203.30	3.09	2.93	95	1.57	51	MS	FR		
203.30	206.35	3.05	2.87	94	1.28	42	MS	FR		
206.35	209.40	3.05	2.97	97	1.95	64	MS	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-48

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	2.00	2.00		0	N/S						Casing / Overburden
2.00	5.18	3.18	3.27	103	K972480	1					
5.18	8.23	3.05	2.98	98	K972481	1					
8.23	11.28	3.05	3.06	100	K972482	1					
					K972483	1					Standard: CDN-ME-16
11.28	13.38	2.10	2.10	100	K972484	1					
13.38	14.50	1.12	1.12	100	K972485	1					
14.50	17.37	2.87	2.82	98	K972486	1					
17.37	19.57	2.20	2.36	107	K972487	1					
19.57	21.49	1.92	1.78	93	K972488	1					
21.49	22.46	0.97	1.04	107	K972489	1					
					K972490	1					Blank
22.46	23.81	1.35	1.34	99	K972491	1					
23.81	26.00	2.19	2.10	96	K972492	1					
26.00	28.55	2.55	2.56	100	K972493	1					
					K972494	1					Duplicate
28.55	29.57	1.02	1.03	101	K972495	1					
29.57	30.96	1.39	1.41	101	K972496	1					
30.96	32.61	1.65	1.69	102	K972497	1					
32.61	33.61	1.00	0.90	90	K972498	1					
33.61	35.66	2.05	2.06	100	K972499	1					
					K972500	1					Blank
35.66	38.70	3.04	3.11	102	L828501	1					
38.70	39.82	1.12	1.12	100	L828502	1					
39.82	41.66	1.84	1.79	97	L828503	1					
41.66	42.66	1.00	1.00	100	L828504	1					
42.66	45.99	3.33	3.00	90	L828505	1					
45.99	46.99	1.00	1.00	100	L828506	1					
46.99	49.23	2.24	2.32	104	L828507	1					
49.23	51.65	2.42	2.32	96	L828508	1					
51.65	54.60	2.95	2.95	100	L828509	1					
54.60	57.66	3.06	3.00	98	L828510	1					
57.66	60.04	2.38	2.31	97	L828511	1					
60.04	60.97	0.93	0.92	99	L828512	1					
					L828513	1					Standard: CDN-ME-16
60.97	64.01	3.04	3.05	100	L828514	1					
64.01	65.46	1.45	1.48	102	L828515	1					
65.46	66.49	1.03	1.00	97	L828516	2					
66.49	69.46	2.97	2.95	99	L828517	2					
69.46	70.77	1.31	1.27	97	L828518	2					
70.77	72.18	1.41	1.31	93	L828519	2					
72.18	75.24	3.06	3.06	100	L828520	2					
					L828521	2					Standard: CDN-ME-16
75.24	78.18	2.94	2.79	95	L828522	2					
78.18	81.38	3.20	3.04	95	L828523	2					
81.38	84.43	3.05	2.90	95	L828524	2					
84.43	87.48	3.05	2.90	95	L828525	2					
					L828526	2					Standard: CDN-ME-16
87.48	90.52	3.04	2.89	95	L828527	2					
90.52	93.57	3.05	2.90	95	L828528	2					
93.57	96.22	2.65	2.52	95	L828529	2					
96.22	97.02	0.80	0.76	95	L828530	2					
97.02	99.67	2.65	2.52	95	L828531	2					
					L828532	2					Blank
99.67	102.72	3.05	2.90	95	L828533	2					
102.72	105.77	3.05	2.90	95	L828534	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
105.77	108.81	3.04	2.89	95	L828535	2					
108.81	111.86	3.05	2.90	95	L828536	2					
111.86	114.07	2.21	2.10	95	L828537	2					
114.07	115.45	1.38	1.10	80	L828538	2					
					L828539	2					Blank
115.45	117.96	2.51	2.51	100	L828540	2					
117.96	121.01	3.05	3.05	100	L828541	2					
121.01	123.23	2.22	2.20	99	L828542	2					
123.23	124.41	1.18	1.10	93	L828543	2					
124.41	126.50	2.09	2.00	96	L828544	2					
					L828545	2					Duplicate
126.50	127.10	0.60	0.60	100	L828546	2					
127.10	130.15	3.05	3.05	100	L828547	2					
130.15	133.20	3.05	3.00	98	L828548	2					
133.20	136.25	3.05	3.00	98	L828549	2					
136.25	139.29	3.04	3.04	100	L828550	2					
139.29	142.34	3.05	3.05	100	L828551	2					
142.34	145.39	3.05	3.05	100	L828552	3					
145.39	148.44	3.05	3.05	100	L828553	3					
148.44	149.53	1.09	1.09	100	L828554	3					
					L828555	3					Blank
149.53	152.42	2.89	2.89	100	L828556	3					
152.42	154.53	2.11	2.11	100	L828557	3					
					L828558	3					Duplicate
154.53	157.58	3.05	3.05	100	L828559	3					
157.58	160.63	3.05	3.05	100	L828560	3					
160.63	163.68	3.05	3.05	100	L828561	3					
163.68	165.60	1.92	1.92	100	L828562	3					
165.60	166.72	1.12	1.12	100	L828563	3					
					L828564	3					Standard: PL-2
166.72	169.77	3.05	3.07	100	L828565	3					
169.77	170.80	1.03	1.03	100	L828566	3					
170.80	171.82	1.02	1.02	100	L828567	3					
					L828568	3					Standard: CDN-ME-16
171.82	172.82	1.00	1.00	100	L828569	3					
172.82	173.88	1.06	1.06	100	L828570	3					
173.88	175.64	1.76	1.76	100	L828571	3					
175.64	176.64	1.00	1.00	100	L828572	3					
176.64	177.65	1.01	1.01	100	L828573	3					
177.65	179.04	1.39	1.39	100	L828574	3					
179.04	180.04	1.00	1.00	100	L828575	3					
180.04	181.40	1.36	1.36	100	L828576	3					
					L828577	3					Blank
181.40	184.13	2.73	2.73	100	L828578	3					
184.13	187.00	2.87	2.87	100	L828579	3					
187.00	188.10	1.10	1.10	100	L828580	3					
188.10	190.94	2.84	2.84	100	L828581	3					
190.94	193.05	2.11	2.11	100	L828582	3					
193.05	194.99	1.94	1.94	100	L828583	3					
194.99	195.65	0.66	0.61	92	L828584	3					
195.65	196.97	1.32	1.35	103	L828585	3					
196.97	197.95	0.98	1.00	102	L828586	3					
197.95	200.25	2.30	2.30	100	L828587	3					
200.25	201.25	1.00	0.94	94	L828588	4					
					L828589	4					Blank
201.25	202.32	1.07	1.00	93	L828590	4					
202.32	203.32	1.00	1.00	100	L828591	4					
203.32	206.35	3.03	3.03	100	L828592	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					L828593	4					Standard; CDN-ME-16
206.35	209.40	3.05	3.05	100	L828594	4					
	EOH										

DENSITY LOG

Hole: **KL-11-48**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1985.1	1708.63	Standard		7.18
80.57	GRD	MA	Pro	S						9.972	6.355	821.9	504.3		2.60	2.59

MAGNETIC SUSCEPTIBILITY LOG

Hole:

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Casing. No recovery.
2.00			14.85	
3.00			11.52	
4.00			14.91	
5.00			15.42	
6.00			16.03	
7.00			15.61	
8.00			18.89	
9.00			19.75	
10.00			20.46	
11.00			8.862	
12.00			17.52	
13.00			10.59	
14.00			5.425	
15.00			0.48	
16.00			0.274	
17.00			0.324	
18.00			0.205	
19.00			0.319	
20.00			0.139	
21.00			0.292	
22.00			0.273	
23.00			0.246	
24.00			0.637	
25.00			12.82	
26.00			0.812	
27.00			13.78	
28.00			16.12	
29.00			0.448	
30.00			0.503	
31.00			0.321	
32.00			0.249	
33.00			0.768	
34.00			0.434	
35.00			9.976	
36.00			1.085	
37.00			5.688	
38.00			0.52	
39.00			0.556	
40.00			0.585	
41.00			19.07	
42.00			21.13	
43.00			19.94	
44.00			2.469	
45.00			1.632	
46.00			1.698	
47.00			5.885	
48.00			7.165	
49.00			24.21	
50.00			0.254	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.42	
52.00			18.7	
53.00			23.45	
54.00			22.19	
55.00			26.31	
56.00			20.77	
57.00			17.21	
58.00			23.19	
59.00			2.35	
60.00			1.208	
61.00			14.12	
62.00			0.607	
63.00			22.03	
64.00			28.29	
65.00			24.11	
66.00			20.81	
67.00			19.29	
68.00			1.229	
69.00			6.879	
70.00			0.627	
71.00			1.231	
72.00			0.334	
73.00			20.93	
74.00			0.872	
75.00			0.887	
76.00			31.62	
77.00			24.83	
78.00			22.35	
79.00			0.44	
80.00			21.21	
81.00			6.304	
82.00			5.717	
83.00			0.454	
84.00			33.42	
85.00			4.275	
86.00			3.179	
87.00			5.382	
88.00			3.481	
89.00			25.93	
90.00			2.46	
91.00			19.54	
92.00			19.33	
93.00			0.992	
94.00			19.95	
95.00			1.169	
96.00			1.676	
97.00			13.64	
98.00			19.62	
99.00			25.41	
100.00			9.401	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			19.69	
102.00			14.24	
103.00			22.28	
104.00			18.14	
105.00			23.54	
106.00			21.43	
107.00			24.56	
108.00			5.68	
109.00			2.756	
110.00			23.04	
111.00			6.843	
112.00			0.469	
113.00			1.049	
114.00			0.457	
115.00			0.333	
116.00			0.738	
117.00			1.877	
118.00			21.86	
119.00			1.015	
120.00			0.461	
121.00			3.713	
122.00			2.942	
123.00			2.346	
124.00			0.491	
125.00			7.473	
126.00			4.076	
127.00			1.842	
128.00			29.74	
129.00			20.37	
130.00			13.87	
131.00			24.39	
132.00			10.18	
133.00			28.07	
134.00			31.93	
135.00			21.7	
136.00			16.84	
137.00			12.69	
138.00			15.71	
139.00			8.605	
140.00			0.554	
141.00			14.7	
142.00			17.97	
143.00			26.24	
144.00			8.736	
145.00			17.06	
146.00			1.681	
147.00			9.884	
148.00			11.43	
149.00			0.639	
150.00			0.174	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.438	
152.00			0.346	
153.00			0.271	
154.00			0.244	
155.00			0.252	
156.00			0.347	
157.00			0.213	
158.00			0.193	
159.00			0.211	
160.00			0.268	
161.00			0.219	
162.00			0.301	
163.00			0.214	
164.00			0.306	
165.00			0.143	
166.00			0.274	
167.00			2.912	
168.00			0.579	
169.00			0.509	
170.00			2.831	
171.00			0.946	
172.00			0.605	
173.00			0.399	
174.00			0.448	
175.00			0.563	
176.00			0.501	
177.00			0.579	
178.00			0.399	
179.00			0.306	
180.00			0.329	
181.00			0.452	
182.00			0.116	
183.00			0.037	
184.00			0.18	
185.00			0.165	
186.00			0.266	
187.00			0.19	
188.00			0.038	
189.00			0.162	
190.00			0.206	
191.00			0.549	
192.00			0.338	
193.00			0.31	
194.00			0.24	
195.00			0.364	
196.00			3.191	
197.00			0.566	
198.00			3.065	
199.00			0.617	
200.00			1.022	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.622	
202.00			0.52	
203.00			1.977	
204.00			0.74	
205.00			14.48	
206.00			1.828	
207.00			22.65	
208.00			27.34	
209.00			9.319	
			EOH	

BOX LOG

HOLE: KL-11-48

BOX	FROM (m)	TO (m)
1	0.00	5.87
2	5.87	10.20
3	10.20	14.33
4	14.33	18.26
5	18.26	22.46
6	22.46	26.52
7	26.52	30.96
8	30.96	34.78
9	34.78	39.07
10	39.07	43.07
11	43.07	47.54
12	47.54	51.76
13	51.76	55.78
14	55.78	60.04
15	60.04	64.01
16	64.01	68.28
17	68.28	72.44
18	72.44	76.64
19	76.64	80.72
20	80.72	84.43
21	84.43	898.56
22	898.56	92.52
23	92.52	96.62
24	96.62	100.81
25	100.81	104.81
26	104.81	108.81
27	108.81	112.05
28	112.05	115.95
29	115.95	120.00
30	120.00	123.75
31	123.75	127.86
32	127.86	132.10
33	132.10	135.86
34	135.86	139.90
35	139.90	144.08
36	144.08	148.28
37	148.28	152.42
38	152.42	156.53
39	156.53	160.49
40	160.49	164.76
41	164.76	168.67
42	168.67	172.63
43	172.63	176.61
44	176.61	180.67
45	180.67	184.13
46	184.13	187.49
47	187.49	191.11
48	191.11	194.99
49	194.99	198.60
50	198.60	202.81
51	202.81	206.86
52	206.86	209.40
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381172	6891104	1224	334.37

ZONE: Regional Drilling

SECTION:

HOLE: KL-11-49

CLAIM:

Contractor: Elite Drilling

Drill:

Core size: BTW (334.37 m / EOH

Casing depth: 4.31 (m) in / **out**

Drilling dates: August 01 - 07, 2011

Geology logged by: J. Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	181.97	53.7	-43.4	Ranger
29.56	47.5	-49.4	Ranger	242.93	55.9	-41.4	Ranger
90.41	54.2	-49.3	Ranger	273.4	56.8	-40	Ranger
121	50.6	-46.1	Ranger	334.37	59.1	-37.6	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.31	4.31	OVB	Overburden, no recovery.
4.31	46.12	41.81	GRD	strongly oxidized/altered granodioirte hosting white
				clay gouge/vein zones.
46.12	156.18	110.06	GRD	unaltered granodioirte.
156.18	187.87	31.69	GRD	Strongly propylitic to phyllic altered granodioirte hostir
				quartz stringers and gouge veins.
187.87	270.64	82.77	GRD	extremely broken, argillic/gouge altered granodiorite.
				intermittent vein zones hosting strong massive sulphic
				veins. Large gouge zones throughout.
270.64	334.37	63.73	GRD	Weakly altered, k-feldspar rich granodioirite. Some
				hematite staining. Veinlets are limited to smokey and
				milky quartz, few in numbers. 334.37 EOH.

SAMPLES

Numbers: K863490 - K863550, K972251 - K972341

Total: 161

Batch: DDH-49 B1-B5

Date Sent:

Certificate: WH11171054, WH11176278, WH11177096, WH11180090, WH11182221, WH11227644, WH11232156

COMMENTS

GEOLOGY LOG

HOLE: KL-11-49

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.31	4.31				CAS																					Casing. No recover
4.31	29.57	25.26				GRD	ORGY					i	ARG	tw													Oxidized, unaltered granodiorite hosting few substantial argillic altered zones. Increasing argillic towards footwall side of intercept.
			21.48	21.76	0.28		OR	GO		i		i			GO	70											Extremely soft, orange gouge zone (oxidized) Dirty look to zone. No sulphides.
			23.27	26.52	3.25		ORWH			ms		i	ARG	m													Moderate argillic altered granodiorite that has been strongly oxidized. Varying competence, generally moderate strength.
29.57	42.82	13.25				GRD	GNWH		t	m		tw	PRO	m										Se	t		Light to moderate propylitic altered granodiorite with phyllic altered envelopes around clay gouge areas. Gouge zones are extremely soft and appear abruptly. Many fractrures host gouge, few host chalcedonic quartz veinlets.
			29.57	31.67	2.10		GNWH	GO		i		t			GO	80								Se	tw		Sericitized granodiorite hosting extremely soft gouge veins that also propagate in fractures. Gouge is bright white in colour. Minor oxidation.
			34.03	34.23	0.20		GNWH	GO		i		t			GO	80								Se	tw		Sericitized granodiorite hosting extremely soft gouge veins that also propagate in fractures. Gouge is bright white in colour. Minor oxidation.
			36.44	36.71	0.27		GNWH	GO		i		t			GO	80								Se	tw		Sericitized granodiorite hosting extremely soft gouge veins that also propagate in fractures. Gouge is bright white in colour. Minor oxidation.
			39.80	41.12	1.32		GNWH	GO		i		t			GO	70								Se	tw		Sericitized granodiorite hosting extremely soft gouge veins that also propagate in fractures. Gouge is bright white in colour. Minor oxidation.
			41.37	42.22	0.85		GNWH	GO		i		t			GO	45								Se	tw		Sericitized granodiorite hosting extremely soft gouge veins that also propagate in fractures. Gouge is bright white in colour. Minor oxidation.
42.82	46.12	3.30				GRD	GYGN	PA				tw	PRO	tw													Patchy propylitic/unaltered granodiorite, strong oxidation in fractures. Blocky.
			45.53	45.66	0.13		GNWH	GO		i		t			GO	50								Se	tw		Sericitized granodiorite hosting extremely soft gouge veins that also propagate in fractures. Gouge is bright white in colour. Minor oxidation.
46.12	156.18	110.06				GRD	GY																				Unaltered granodiorite, no oxidatior
			45.91	46.17	0.26	APL	PK	DY							DY	80											Aplite dyke
			97.73	98.75	1.02		GNPK				tw		PRO	tw	VN	35								Ep	tw		Propylitic altered granodiorite hosting potassic overprinting and a 5cm wide quartz vein (low angle) Carbonate in zone. Strong epidote around vein.
													POT	tw													
			116.46	116.63	0.17		GNWH						PRO	m	C	75											Propylitic altered granodiorite. Light green too white colour.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			119.96	121.90	1.94		GNPK	PA					PRO	m										Bi	t		Patchy propylitic and potassic altered granodiorite. Potassic alteration seems to overprint propylitic in some localized zones. Weak biotite in zones. Strong carbonate in fractures.
													POT	f													
			124.33	125.00	0.67		GNPK	PA					PRO	m										Bi	t		Patchy propylitic and potassic altered granodiorite. Potassic alteration seems to overprint propylitic in some localized zones. Weak biotite in zones. Strong carbonate in fractures.
													POT	f													
			135.81	135.97	0.16	VEN	GN		tw		tw				VN	75								Se	tw		Sericitized, phyllic altered zone hosting two 1cm chalcedony quartz veins.
			140.81	141.53	0.72	APL	PKGY	DY							DY	80											Aplite dyke fragmented by bands of unaltered granodiorite. 80% aplite 20% granodiorite.
			146.62	149.58	2.96		GNPK	PA					PRO	m										Bi	t		Patchy propylitic and potassic altered granodiorite. Potassic alteration seems to overprint propylitic in some localized zones. Weak biotite in zones. Strong carbonate in fractures.
													POT	f													
			147.93	148.19	0.26	VEN	WH	FL			100				VN	60											Flow banded milky and grey quartz vein with a strongly potassic altered envelope.
			153.78	154.14	0.36	GRD	GYPK						POT	w	VT	25								Kf	w		Strong K-feldspar presence in unaltered granodiorite. Potassic altered envelope around a low angle epidote veinlet in center of zone, VT 25 degrees.
																								Ep	tw		
156.18	169.57	13.39				GRD	GNOR	PA	ms				PRO	w													Moderate phyllic and weak propylitic altered granodiorite with patches of orange potassic alteration throughout.
													POT	f													
			161.87	162.10	0.23	VEN	DKGY								VN	36											Heavily broken up dark grey quartz vein, thickness unknown.
			162.10	166.73	4.63	GRD	GYGN		ms	s			PRO	ms													Alternating moderate phyllic and propylitic alteration throughout. Interval is heavily broken up and rubble is crumbly and covered in clay.
169.57	175.40					GRD	MDGY				w		PRO	w	ST	40											moderate grey coloured weakly silicified, weakly propylitic altered granodiorite with patches of moderate to strong red potassic alteration. Weak to moderate ammounts of disseminated tourmaline throughout. Contains an abundance of white quartz stringers.
													POT	ms	ST	60											
			173.88	174.30		GRD	LTGN	EN	ms						VN	39	23										Moderate light green phyllic envelope around light orange chalcedony and grey quartz vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
175.40	187.87					GRD	GN	PA	m	ms			PRO	m	ST	6n											Alternating large patches of moderate phyllic and propylitic alteration with smaller patches of moderate potassic and clay alteration. Contains an abundance of white quartz stringers.
													POT	ms													
			180.58	180.99		GRD	RD						PRO	s										He	i		Strongly propylitic altered and intensely hematite stained granodiorite.
187.87	189.50					POR	GN								DY	55											Green porphyry dyke
189.50	189.75					GRD	GN		ms				PRO	ms													Moderate phyllic and propylitic altered granodiorite.
189.75	197.39					POR	RDGY				s				DY	55											Alternating grey and red strongly silicified porphyry dyke.
197.39	211.07					GRD	GN		ms				PRO	ms	VT	60											Alternatin moderately phyllic and propylitic alteration. Contains an abundance of white quartz veinlets.
			205.11	205.33		GRD	GNGY		ms	i					VN	62				w							Moderate phyllic altered granodiorite that has been partially, intensely clay altered. Contains a light orange carbonate and black sulphide vein.
			205.61	205.63		VEN	GYOR								VN	68				w							Dark grey quartz and light orange carbonate veir hosting weak ammounts of disseminated pyrite.
			206.72	207.26		VEN	GNGY		i		t				VN	70				tw			t				Grey quartz vein zone hosting pervasive pyrite and trace galena blebs. Quartz/ankorite veins host pyrite/galena. Zone is intensely phyllic altered and hosts disseminated pyrite throughout. Minor gouge in fractures.
			208.75	209.70		VEN	GN		i		tw									tw			tw				Vein zone hosting quartz/ankorite veins with blebby to massive galena and pyrite. Zone is made up of mostly intense phyllic altered granodiorite with disseminated pyrite.
			209.70	211.07			GN		i		tw									t			t				Extremely phyllic altered granodiorite hosting rare galena and strong disseminated pyrite. Ankorite/quartz veinlets throughout. Strong pyrite veinlets near ankorite.
211.07	212.45					GRD	DKGN						PRO	s													Strongly propylitic altered granodiorite rare soft zones associated with fractures.
			211.48	212.06			DKGN	GO	s											tw							Phyllic altered granodiorite hosting disseminated pyrite. Zone frequently moves to gouge hosting blebby pyrite.
			212.45	212.87		FEL	LTGN	DY							DY	75											Felsic dyke hosting white phenocrysts throughout. Competent.
			212.87	220.05		BXA	DKGY	BX	i						BX	?				t	t						Strongly developed breccia zone. Clasts are extremely mixed but are mostly angular silicious dyke fragments. Rare disseminated pyrite throughout. Grey quartz clasts host blebby pyrite +/- arsenopyrite. Dark green tan colour.
			217.70	217.97		FEL	GYTN	FL							DY	80											Felsic silicious dyke, flowbanded with grey and tan colours of the dyke

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
220.05	223.79					FEL	GYTN	FL							DY	75											Felsic silicious dyke, flowbanded with grey and tan colours of the dyke
			220.36	220.51		BXA	DKGY	BX	i						**BX**	70											Strongly developed breccia zone. Clasts are extremely mixed but are mostly angular silicious dyke fragments. Rare disseminated pyrite throughout. Grey quartz clasts host blebby pyrite +/- arsenopyrite. Dark green tan colour.
223.79	226.06					GRD	DKGN		s				PRO	ms						tw							Strong phyllic/propylitic altered granodiorite hosting disseminated pyrite, gouge areas hosting blebby pyrite.
			223.79	224.64		VEN	DK	GO	i		w				GO	70				tw			t				Gouge vein zone hosting quartz veinlets and blebby to disseminated pyrite. Extremely rare finegrained galena. Dark black coloured flow bands.
226.06	226.99					FEL	TN	DY		t					DY	75											Dyke, felsic, soft. Dyke is being intensely altered, very soft, tan colour.
226.99	229.37					GRD	LTGN		s				PRO	t						t							Phyllic altered granodiorite, localized propylitic altered zones. Few weak quartz zones. Rare pyrite.
229.37	233.42					GRD	GNPK	PA					PRO	w										Bi	tw		Patchy propylitic/potassic altered granodiorite with strong biotite overprinting both alteration types. Competent.
													POT	w													
233.42	238.68					GRD	GNWH	PA	w				PRO	m													Patchy propylitic/phyllic altered granodiorite. Weaker altered than surrounding area. Abundant argillic alteration in localized zones, represented by a blue/white clay mineral (dumortierite?).
													ARG	w													
			233.57	233.66		VEN	WH	VN			100				VN	78											Milky quartz vein
			233.78	234.61			WH						ARG	s													Strongly argillic altered zone with abundant (dumortierite?).
													PRO	t													
238.68	238.92					FEL	TN	DY							DY	25											Low angle dyke, with white phenocrysts. Tan colour, soft.
238.92	239.88					GRD	DKGN						PRO	i										Cl	tw		Propylitic altered granodiorite. Dark green colour strong disseminated chlorite, small ammounts of clay gouge in fractures.
239.88	240.93					FEL	DKRD	DY							DY	?											Dark red/black silicious dyke. (altered tan dyke
240.93	243.58					GRD	GN		ms		w																Phyllic altered granodiorite. Minor gouge in fractures, localized silicious zones. Gouge/quartz at dyke contacts.
243.58	245.06					FEL	DKRD	DY							DY	65											Dark red/black silicious dyke. (altered tan dyke
245.06	247.86					GRD	GN		ms		w																Phyllic altered granodiorite. Minor gouge in fractures, localized silicious zones. Gouge/quartz at dyke contacts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
247.86	251.99					GRD	DKGN	GO	i		tw									t							Intense phyllic altered granodiorite with abundant gouge in fractures. Soft. Numerous quartz veinlets. Some strong vein zones hosting disseminated pyrite and strong gouge around black/white quartz veins.
			251.21	251.99		VEN	GNWH	FL	i		ms				VN	70				t							Black/white quartz vein zone. Disseminated pyrite. Strong quartz flooding throughout.
251.99	255.12					GRD	GNPK	PA					PRO	w										Bi	tw		Patchy propylitic/potassic altered granodiorite with strong biotite overprinting both alteration types. Competent.
													POT	w													
255.12	266.46					GRD	GYPK	PA					PRO	tw													Weakly altered granodiorite, patchy propylitic/potassic alteration throughout. Blocky fractured zones throughout (large).
													POT	tw													
			257.35	257.88		FEL	GY	DY							DY	80											Grey felsic dyke, moderately broken and sof
			266.13	266.28			GN	GO	i	t					GO	75											Intense phyllic altered gouge vein
266.46	270.64					GRD	LTGN		ms				ARG	t						t				Cl	t		Phyllic altered zone (granodiorite) hosting trace disseminated pyrite and upto one foot wide gouge zones. Minor ammounts of potassic alteration overprinting argillic altered zones.
													POT	t										Se	tw		
			266.78	267.02			LTGN	GO	i		tw				GO	75				t							Extremely altered/broken area (gouge zone) hosting phyllic altered and quartz fragments throughout. Disseminated pyrite in zone. Gouge matrix hosting loose clasts
			267.31	267.70			WHPK	GO	t		tw		ARG	m	GO	70											Argillic altered zone with potassic overprinting
													POT	m													
			268.71	268.87			LTGN	GO	i		tw				GO	75				t							Extremely altered/broken area (gouge zone) hosting phyllic altered and quartz fragments throughout. Disseminated pyrite in zone. Gouge matrix hosting loose clasts
			269.40	269.70			LTGN	GO	i		tw				GO	75				t							Extremely altered/broken area (gouge zone) hosting phyllic altered and quartz fragments throughout. Disseminated pyrite in zone. Gouge matrix hosting loose clasts
270.64	278.70					GRD	GYPK						PRO	t													K-feldspar rich unaltered granodiorite with few weak propylitic/potassic/argillic altered zones.
													POT	t													
													ARG	t													
278.70	280.59					MAF	BKRD	DY							DY	75											Dark black/weak red coloured mafic dyke
280.59	282.71					GRD	GNWH		ms	t	t																Phyllic altered granodiorite, rubbly textured zones Interval hosts numerous milky and chalcedonic quartz veins and veinlets. Minor argillic alteration at footwall side of area.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
282.71	288.00					GRD	GY	PA		t			PRO	tw													Patchy, lightly propylitic/potassic altered granodiorite hosting broken/soft minor argillic altered sections. Minor quartz veins through interval associated with more strongly altered regions.
													POT	t													
			184.48	184.62			WH			m			ARG	m													Soft, argillic altered zones. Zones host minor quartz veins.
			185.21	185.33			WH			m			ARG	m													Soft, argillic altered zones. Zones host minor quartz veins.
			185.60	185.80			WH			m			ARG	m													Soft, argillic altered zones. Zones host minor quartz veins.
288.00	290.74					GRD	GY						PRO	tw										Ep	w		Unaltered granodiorite with weak propylitic altered zones hosting pervasive epidote. Chalcedony quartz veins in altered zones.
			288.65	288.89			LTGN				tw		PRO	i										Ep	ms		Strong propylitic alteration with minor quartz veining and strong pervasive epidote.
			290.07	290.74			LTGN				tw		PRO	i										Ep	ms		Strong propylitic alteration with minor quartz veining and strong pervasive epidote.
290.74	294.74					GRD	GNPK	PA	t		tw		PRO	i										Ep	tw		Patchy, highly propylitic/potassic altered granodiorite. Areas of weak phyllic alteration associated with large, broken quartz veins. Strong hematite development in areas. Especially around fractures. Pervasive epidote in zone.
													POT	i										He	tw		
			290.74	291.85			RDWH	PA					ARG	t										He	ms		Intense hematite stained zone with patchy propylitic/argillic zones. Pervasive epidote in few propylitic altered zones.
													PRO	t										Ep	t		
			292.06	292.16		VEN	WHBK				90				VN	68											Strong broken milky/grey quartz vein
294.74	297.06					GRD			t				PRO	t													Unaltered granodiorite with patchy weak propylitic/phyllic altered zones speradically spaced throughout.
297.06	303.89					GRD	LTGN	PA	tw	tw			PRO	tw						t							Intense phyllic altered granodiorite hosting sericitized gouge zones and few quartz veins. Patchy weak propylitic/potassic altered areas.
													POT	t													
			299.00	299.98		VEN	GN		i		30				VN	70											Vein zone hosting numerous sheeted quartz/chacedony/ankorite veins and veinlets. Gouge in fractures
303.89	334.37					GRD	GNPK	PA	w	w	t		PRO	w													Patchy altered granodiorite (propylitic/potassic rare argillic/phyllic). That rarely develops into more than that. Very few quartz zones, minor silica flooding through interval. Fractures near quartz veinlets host gouge (minor and narrow).
													POT	w													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			313.53	314.71		VEN	GN		i		i				VN	72				t							Intense phyllic altered vein zone hosting abundant chalcedonic milky/grey quartz veins upto 16cm wide. Phyllic zone is very soft. Trace finegrained pyrite near quartz veins.
			334.00	334.37		GRD	GY						POT	t													Unaltered granodiorite with extremely light potassic alteration at very end.
																											E.O.H. 334.37m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-49

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	8.23	8.23	3.00	36	0.24	3	m	HW		
8.23	11.28	3.05	2.87	94	0.75	25	m	MW		
11.28	14.55	3.27	2.62	80	0.96	29	m	MW		
14.55	17.37	2.82	2.95	105	1.28	45	m	MW		
17.37	20.42	3.05	2.88	94	1.98	65	m	MW		
20.42	23.47	3.05	2.82	92	1.09	36	m	HW		
23.47	26.52	3.05	3.06	100	1.50	49	m	HW		
26.52	29.57	3.05	2.84	93	1.26	41	m	HW		
29.57	32.61	3.04	2.89	95	0.78	26	m	HW		
32.61	35.66	3.05	2.96	97	0.40	13	ms	MW		
35.66	38.71	3.05	2.82	92	0.48	16	ms	MW		
38.71	41.76	3.05	2.77	91	0.00	0	ms	MW		
41.76	44.81	3.05	3.04	100	1.94	64	ms	SW		
44.81	47.85	3.04	2.99	98	1.15	38	ms	SW		
47.85	50.90	3.05	3.05	100	2.19	72	ms	SW		
50.90	53.95	3.05	2.94	96	1.72	56	ms	SW		
53.95	57.00	3.05	3.00	98	2.04	67	ms	SW		
57.00	60.05	3.05	3.10	102	1.94	64	ms	SW		
60.05	63.09	3.04	2.94	97	2.40	79	ms	SW		
63.09	66.14	3.05	3.00	98	1.83	60	ms	SW		
66.14	69.19	3.05	2.91	95	1.79	59	s	SW		
69.19	72.24	3.05	3.09	101	1.53	50	s	FR		
72.24	75.29	3.05	2.89	95	2.03	67	s	FR		
75.29	78.33	3.04	3.03	100	2.35	77	s	FR		
78.33	81.38	3.05	2.96	97	2.04	67	s	FR		
81.38	84.43	3.05	2.56	84	2.30	75	s	FR		
84.43	87.48	3.05	3.07	101	2.24	73	s	FR		
87.48	90.53	3.05	3.01	99	2.15	70	s	FR		
90.53	93.57	3.04	2.97	98	1.92	63	s	FR		
93.57	96.62	3.05	2.85	93	1.68	55	s	FR		
96.62	99.67	3.05	3.03	99	1.42	47	s	FR		
99.67	102.72	3.05	3.07	101	1.43	47	s	FR		
102.72	105.77	3.05	3.01	99	2.19	72	ms	FR		
105.77	108.50	2.73	3.02	111	1.10	40	ms	FR		
108.50	111.86	3.36	3.06	91	1.23	37	ms	FR		
111.86	114.91	3.05	3.03	99	1.29	42	s	FR		
114.91	117.96	3.05	2.92	96	0.64	21	s	FR		
117.96	121.01	3.05	2.91	95	0.94	31	s	FR		
121.01	124.05	3.04	3.00	99	0.72	24	s	FR		
124.05	127.10	3.05	3.00	98	1.10	36	s	FR		
127.10	130.15	3.05	2.95	97	1.85	61	s	FR		
130.15	133.20	3.05	3.05	100	1.72	56	s	FR		
133.20	136.25	3.05	3.07	101	2.08	68	s	FR		
136.25	139.29	3.04	2.96	97	1.65	54	s	FR		
139.29	142.34	3.05	3.04	100	2.06	68	s	FR		
142.34	145.39	3.05	2.96	97	2.30	75	s	FR		
145.39	148.44	3.05	3.01	99	2.04	67	s	FR		
148.44	151.49	3.05	2.93	96	0.71	23	s	FR		
151.49	154.53	3.04	2.92	96	1.54	51	w	FR		
154.53	157.58	3.05	3.05	100	1.19	39	w	FR		
157.58	160.63	3.05	2.94	96	2.01	66	w	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
160.63	163.68	3.05	2.72	89	0.34	11	w	FR		
163.68	166.73	3.05	2.88	94	0.00	0	w	FR		
166.73	169.77	3.04	3.05	100	0.48	16	w	FR		
169.77	172.82	3.05	3.03	99	0.64	21	ms	FR		
172.82	175.87	3.05	3.05	100	2.06	68	ms	FR		
175.87	178.92	3.05	3.02	99	2.03	67	ms	FR		
178.92	181.91	2.99	3.06	102	2.06	69	ms	FR		
181.91	185.01	3.10	3.10	100	1.13	36	ms	FR		
185.01	188.06	3.05	3.03	99	2.19	72	ms	FR		
188.06	191.11	3.05	3.09	101	1.29	42	ms	FR		
191.11	194.16	3.05	3.01	99	1.42	47	ms	FR		
194.16	197.21	3.05	3.02	99	0.69	23	ms	FR		
197.21	200.25	3.04	2.95	97	1.11	37	ms	FR		
200.25	203.30	3.05	3.08	101	1.45	48	ms	FR		
203.30	206.35	3.05	2.98	98	1.87	61	ms	FR		
206.35	209.61	3.26	3.10	95	2.22	68	ms	FR		
209.61	212.45	2.84	3.00	106	2.00	70	ms	FR		
212.45	215.49	3.04	2.68	88	0.60	20	ms	FR		
215.49	218.54	3.05	2.96	97	0.80	26	ms	FR		
218.54	221.59	3.05	2.82	92	0.54	18	ms	FR		
221.59	224.64	3.05	3.05	100	1.40	46	ms	FR		
224.64	227.69	3.05	2.97	97	0.76	25	ms	FR		
227.69	230.73	3.04	2.98	98	1.96	64	ms	FR		
230.73	233.78	3.05	3.00	98	1.54	50	ms	FR		
233.78	236.83	3.05	3.02	99	2.19	72	ms	FR		
236.83	239.88	3.05	3.09	101	0.78	26	ms	FR		
239.88	242.93	3.05	3.01	99	0.72	24	ms	FR		
242.93	245.97	3.04	3.06	101	1.62	53	ms	FR		
245.97	249.02	3.05	3.04	100	1.50	49	ms	FR		
249.02	252.07	3.05	2.96	97	1.24	41	ms	FR		
252.07	255.12	3.05	3.07	101	2.14	70	ms	FR		
255.12	258.17	3.05	2.95	97	0.80	26	ms	FR		
258.17	261.21	3.04	3.08	101	0.76	25	ms	FR		
261.21	264.26	3.05	3.15	103	0.18	6	ms	FR		
264.26	267.31	3.05	3.03	99	0.12	4	ms	FR		
267.31	270.36	3.05	2.98	98	0.41	13	ms	FR		
270.36	273.41	3.05	2.96	97	0.67	22	ms	FR		
273.41	276.45	3.04	2.85	94	0.00	0	ms	FR		
276.45	279.50	3.05	3.12	102	0.11	4	s	FR		
279.50	282.55	3.05	2.97	97	0.68	22	ms	FR		
282.55	285.60	3.05	3.01	99	1.02	33	ms	FR		
285.60	288.65	3.05	2.84	93	1.68	55	ms	FR		
288.65	291.69	3.04	3.06	101	1.75	58	ms	FR		
291.69	294.74	3.05	3.28	108	1.10	36	ms	FR		
294.74	297.79	3.05	3.12	102	0.84	28	ms	FR		
297.79	300.84	3.05	2.98	98	1.34	44	ms	FR		
300.84	303.89	3.05	3.02	99	2.17	71	ms	FR		
303.89	306.93	3.04	2.97	98	1.99	65	ms	FR		
306.93	309.98	3.05	3.05	100	1.84	60	ms	FR		
309.98	313.03	3.05	3.01	99	1.35	44	ms	FR		
313.03	316.08	3.05	3.06	100	1.41	46	ms	FR		
316.08	319.13	3.05	3.03	99	1.81	59	ms	FR		
319.13	322.17	3.04	3.10	102	1.67	55	ms	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
322.17	325.22	3.05	3.01	99	1.17	38	ms	FR		
325.22	328.27	3.05	3.04	100	1.54	50	ms	FR		
328.27	331.32	3.05	3.08	101	1.87	61	ms	FR		
331.32	334.37	3.05	3.00	98	1.86	61	ms	FR		EOH @ 334.37M

SAMPLE LOG

HOLE: KL-11-49

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.31	4.31		0	N/S						Casing / Overburden
4.31	8.31	4.00	4.00	100	K863490	1					
8.31	12.31	4.00	3.98	100	K863491	1					
12.31	16.31	4.00	4.00	100	K863492	1					
16.31	20.31	4.00	4.00	100	K863493	1					
20.31	23.27	2.96	2.90	98	K863494	1					
23.27	26.52	3.25	3.20	98	K863495	1					
26.52	29.57	3.05	2.99	98	K863496	1					
29.57	31.64	2.07	2.10	102	K863497	1					
					K863498	1					Blank
31.64	34.03	2.39	2.34	98	K863499	1					
34.03	36.71	2.68	2.68	100	K863500	1					
36.71	39.80	3.09	3.09	100	K863501	1					
39.80	42.22	2.42	2.30	95	K863502	1					
					K863503	1					Blank
42.22	46.12	3.90	3.90	100	K863504	1					
46.12	50.12	4.00	4.00	100	K863505	1					
					K863506	1					Standard: CDN-ME-16
50.12	54.12	4.00	4.00	100	K863507	1					
54.12	58.12	4.00	4.00	100	K863508	1					
58.12	60.15	2.03	2.00	99	K863509	1					
60.15	62.12	1.97	1.95	99	K863510	1					
62.12	66.12	4.00	4.00	100	K863511	1					
66.12	70.12	4.00	4.00	100	K863512	1					
70.12	74.14	4.02	4.00	100	K863513	1					
74.14	78.12	3.98	4.00	101	K863514	1					
78.12	82.12	4.00	4.00	100	K863515	1					
82.12	86.12	4.00	4.00	100	K863516	1					
					K863517	1					Standard: CDN-ME-16
86.12	90.12	4.00	4.00	100	K863518	1					
90.12	94.12	4.00	4.00	100	K863519	1					
					K863520	1					Duplicate
94.12	97.75	3.63	3.60	99	K863521	1					
97.75	98.75	1.00	1.00	100	K863522	1					
98.75	102.75	4.00	4.00	100	K863523	1					
102.75	106.75	4.00	4.00	100	K863524	1					
106.75	110.75	4.00	4.00	100	K863525	1					
110.75	114.91	4.16	4.16	100	K863526	2					
114.91	117.46	2.55	2.50	98	K863527	2					
117.46	119.96	2.50	2.50	100	K863528	2					
					K863529	2					Standard: CDN-ME-16
119.96	121.9	1.94	1.90	98	K863530	2					
121.90	125.00	3.10	3.10	100	K863531	2					
125.00	129.00	4.00	4.00	100	K863532	2					
129.00	133.00	4.00	4.00	100	K863533	2					
133.00	137.00	4.00	4.00	100	K863534	2					
137.00	140.00	3.00	3.00	100	K863535	2					
					K863536	2					Blank
140.00	144.00	4.00	4.00	100	K863537	2					
144.00	146.62	2.62	2.50	95	K863538	2					
					K863539	2					Duplicate
146.62	149.36	2.74	2.96	108	K863540	2					
149.36	153.67	4.31	4.09	95	K863541	2					
153.67	156.18	2.51	2.51	100	K863542	2					
156.18	158.00	1.82	1.80	99	K863543	2					
158.00	161.87	3.87	3.87	100	K863544	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
161.87	163.68	1.81	1.81	100	K863545	2					
163.68	166.90	3.22	3.22	100	K863546	2					
166.90	169.57	2.67	2.67	100	K863547	2					
					K863548	2					Standard: CDN-ME-16
169.57	172.90	3.33	3.33	100	K863549	2					
172.90	175.40	2.50	2.50	100	K863550	2					
175.40	178.92	3.52	3.52	100	K972251	2					
178.92	179.92	1.00	0.82	82	K972252	2					
179.92	181.97	2.05	2.05	100	K972253	2					
					K972254	2					Blank
181.97	185.01	3.04	3.04	100	K972255	2					
185.01	187.87	2.86	2.80	98	K972256	2					
187.87	189.50	1.63	1.51	93	K972257	2					
189.50	191.75	2.25	2.25	100	K972258	2					
191.75	195.35	3.60	3.55	99	K972259	2					
195.35	197.39	2.04	2.00	98	K972260	2					
197.39	201.00	3.61	3.61	100	K972261	2					
201.00	203.30	2.30	2.30	100	K972262	3					
203.30	205.11	1.81	1.81	100	K972263	3					
205.11	205.72	0.61	0.61	100	K972264	3					
205.72	206.59	0.87	0.67	77	K972265	3					
206.59	207.26	0.67	0.60	90	K972266	3					
207.26	208.75	1.49	1.49	100	K972267	3					
208.75	209.70	0.95	0.95	100	K972268	3					
209.70	211.48	1.78	1.75	98	K972269	3					
211.48	212.87	1.39	1.39	100	K972270	3					
					K972271	3					Standard: CDN-ME-16
212.87	215.49	2.62	2.62	100	K972272	3					
215.49	217.70	2.21	2.21	100	K972273	3					
					K972274	3					Blank
217.70	220.05	2.35	1.29	55	K972275	3					
220.05	223.79	3.74	3.70	99	K972276	3					
223.79	224.64	0.85	0.80	94	K972277	3					
224.64	226.06	1.42	0.85	60	K972278	3					
					K972279	3					Blank
226.06	226.99	0.93	0.93	100	K972280	3					
226.99	229.37	2.38	2.30	97	K972281	3					
229.37	233.42	4.05	4.00	99	K972282	3					
233.42	234.61	1.19	1.10	92	K972283	3					
234.61	236.83	2.22	2.22	100	K972284	3					
236.83	238.68	1.85	1.85	100	K972285	3					
238.68	239.88	1.20	1.20	100	K972286	3					
239.88	240.93	1.05	1.05	100	K972287	3					
					K972288	3					Duplicate
240.93	243.58	2.65	2.65	100	K972289	3					
243.58	245.06	1.48	1.48	100	K972290	3					
245.06	247.86	2.80	2.80	100	K972291	3					
247.86	250.15	2.29	2.29	100	K972292	3					
250.15	251.21	1.06	1.06	100	K972293	3					
251.21	252.07	0.86	0.86	100	K972294	3					
252.07	255.12	3.05	3.05	100	K972295	3					
					K972296	3					Standard: CDN-ME-16
255.12	257.81	2.69	2.69	100	K972297	3					
257.81	261.21	3.40	3.06	90	K972298	4					
261.21	264.26	3.05	2.75	90	K972299	4					
264.26	266.13	1.87	1.68	90	K972300	4					
266.13	267.02	0.89	0.81	91	K972301	4					
267.02	268.71	1.69	1.52	90	K972302	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
268.71	269.70	0.99	0.89	90	K972303	4					
					K972304	4					Standard: CDN-ME-16
269.70	270.64	0.94	0.84	89	K972305	4					
270.64	273.41	2.77	2.49	90	K972306	4					
273.41	276.81	3.40	2.72	80	K972307	4					
276.81	278.80	1.99	1.49	75	K972308	4					
278.80	280.59	1.79	1.61	90	K972309	4					
					K972310	4					Duplicate
280.59	282.71	2.12	1.91	90	K972311	4					
282.71	284.48	1.77	1.77	100	K972312	4					
284.48	285.80	1.32	1.12	85	K972313	4					
285.80	288.00	2.20	2.20	100	K972314	4					
288.00	290.07	2.07	2.07	100	K972315	4					
290.07	291.85	1.78	1.78	100	K972316	4					
		0.00			K972317	4					Standard: CDN-ME-16
291.85	292.42	0.57	0.57	100	K972318	4					
					K972319	4					Blank
292.42	294.74	2.32	2.32	100	K972320	4					
294.74	297.06	2.32	2.32	100	K972321	4					
297.06	299.00	1.94	2.32	120	K972322	4					
299.00	299.98	0.98	1.94	198	K972323	4					
					K972324	4					Blank
299.98	303.89	3.91	3.91	100	K972325	4					
303.89	306.93	3.04	3.04	100	K972326	4					
306.93	309.98	3.05	3.05	100	K972327	4					
309.98	311.86	1.88	1.88	100	K972328	4					
311.86	312.86	1.00	1.00	100	K972329	4					
312.86	313.63	0.77	0.77	100	K972330	4					
313.63	314.91	1.28	1.28	100	K972331	4					
314.91	316.30	1.39	1.39	100	K972332	4					
316.30	319.13	2.83	2.83	100	K972333	4					
319.13	322.13	3.00	2.97	99	K972334	5					
322.13	322.73	0.60	0.60	100	K972335	5					
322.73	325.87	3.14	3.14	100	K972336	5					
325.87	326.87	1.00	1.00	100	K972337	5					
					K972338	5					Blank
326.87	331.00	4.13	4.13	100	K972339	5					
331.00	333.17	2.17	2.10	97	K972340	5					
333.17	334.37	1.20	1.20	100	K972341	5					
	EOH										

DENSITY LOG

Hole: **KL-11-49**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												2006.9	1501.9	2000g standard		3.97
60.05	GRD									10	4.2	343.2	145.2	unaltered GRD	2.48	1.73
81.38	GRD									10.03	4.2	368.7	183.7	unaltered GRD	2.65	1.99
												1990.5	1805.1	2000g standard		10.74
154.14	GRD		Pot	w						9.588	4.215	329.8	184.5	weak potassic	2.47	2.27
												1995.1	1749.6	2000g standard		8.13
			Pro	i						9.299	4.192	340.7	220.1		2.65	2.83

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-49

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00				OVB
3.00				OVB
4.00				OVB
5.00				OVB
6.00			0.492	
7.00			1.24	
8.00			0.714	
9.00			1.527	
10.00			2.483	
11.00			0.203	
12.00			1.235	
13.00			2.346	
14.00			3.28	
15.00			10.86	
16.00			0.601	
17.00			0.52	
18.00			1.83	
19.00			0.174	
20.00			0.264	
21.00			0.596	
22.00			0.277	
23.00			0.346	
24.00			0.077	
25.00			2.999	
26.00			0.312	
27.00			0.324	
28.00			0.31	
29.00			0.202	
30.00			0.119	
31.00			0.223	
32.00			0.315	
33.00			0.489	
34.00			0.236	
35.00			0.715	
36.00			0.266	
37.00			0.297	
38.00			0.189	
39.00			0.264	
40.00			0.335	
41.00			0.344	
42.00			0.192	
43.00			0.355	
44.00			1.976	
45.00			0.461	
46.00			1.123	
47.00			17.14	
48.00			13.8	
49.00			12.31	
50.00			30.26	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			8.558	
52.00			18.27	
53.00			7.779	
54.00			10.71	
55.00			18.78	
56.00			11.28	
57.00			6.853	
58.00			13.65	
59.00			10.71	
60.00			16.62	
61.00			16.03	
62.00			32.49	
63.00			12.91	
64.00			0.463	
65.00			8.894	
66.00			16.99	
67.00			20.76	
68.00			16.42	
69.00			16.68	
70.00			19.3	
71.00			19.04	
72.00			19.01	
73.00			17.48	
74.00			11.94	
75.00			19.47	
76.00			16.88	
77.00			15.98	
78.00			21.14	
79.00			16.29	
80.00			19.33	
81.00			20.45	
82.00			19.88	
83.00			16.22	
84.00			20.63	
85.00			18.75	
86.00			10.85	
87.00			34.45	
88.00			10.98	
89.00			12.95	
90.00			14.97	
91.00			9.96	
92.00			10.65	
93.00			15.08	
94.00			17.92	
95.00			13.81	
96.00			16.32	
97.00			10.94	
98.00			0.941	
99.00			13.34	
100.00			15.99	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			13.13	
102.00			7.897	
103.00			11.15	
104.00			13.34	
105.00			15.01	
106.00			16.2	
107.00			16.68	
108.00			15.95	
109.00			7.79	
110.00			6.966	
111.00			6.116	
112.00			14.92	
113.00			12.64	
114.00			13.16	
115.00			4.216	
116.00			11.92	
117.00			6.865	
118.00			9.893	
119.00			12.66	
120.00			0.479	
121.00			0.617	
122.00			12.5	
123.00			0.067	
124.00			0.141	
125.00			4.387	
126.00			8.822	
127.00			0.182	
128.00			10.03	
129.00			12.85	
130.00			14.43	
131.00			16.68	
132.00			18.6	
133.00			14.48	
134.00			18.32	
135.00			16.72	
136.00			17.48	
137.00			16.07	
138.00			15.8	
139.00			16.79	
140.00			15.64	
141.00			7.073	
142.00			10.25	
143.00			13.96	
144.00			19.19	
145.00			15	
146.00			11.13	
147.00			0.752	
148.00			0.389	
149.00			0.496	
150.00			7.942	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.413	
152.00			5.096	
153.00			12.11	
154.00			2.397	
155.00			0.565	
156.00			0.26	
157.00			0.348	
158.00			0.353	
159.00			0.291	
160.00			0.381	
161.00			0.502	
162.00			1.175	
163.00			0.136	
164.00			0.167	
165.00			0.248	
166.00			0.488	
167.00			1.526	
168.00			0.285	
169.00			0.149	
170.00			1.111	
171.00			0.32	
172.00			0.83	
173.00			1.327	
174.00			0.202	
175.00			4.02	
176.00			0.771	
177.00			0.258	
178.00			0.246	
179.00			0.774	
180.00			1.466	
181.00			0.247	
182.00			1.006	
183.00			0.185	
184.00			9.332	
185.00			0.234	
186.00			4.899	
187.00			0.458	
188.00			0.219	
189.00			0.229	
190.00			0.184	
191.00			0.17	
192.00			0.132	
193.00			0.012	
194.00			0.19	
195.00			0.011	
196.00			0.198	
197.00			0.36	
198.00			0.22	
199.00			0.241	
200.00			0.216	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			2.617	
202.00			0.157	
203.00			0.243	
204.00			0.203	
205.00			0.416	
206.00			0.305	
207.00			0.211	
208.00			0.153	
209.00			3.784	
210.00			0.288	
211.00			0.247	
212.00			1.132	
213.00			0.264	
214.00			0.152	
215.00			0.124	
216.00			0.901	
217.00			0.226	
218.00			0.208	
219.00			0.183	
220.00			0.64	
221.00			2.786	
222.00			1.398	
223.00			0.192	
224.00			0.146	
225.00			0.943	
226.00			1.822	
227.00			0.339	
228.00			0.282	
229.00			0.205	
230.00			0.218	
231.00			0.291	
232.00			0.841	
233.00			0.298	
234.00			0.25	
235.00			0.179	
236.00			0.162	
237.00			0.147	
238.00			0.151	
239.00			0.278	
240.00			1.356	
241.00			0.386	
242.00			0.213	
243.00			2.434	
244.00			0.636	
245.00			0.873	
246.00			0.188	
247.00			0.229	
248.00			0.197	
249.00			0.176	
250.00			0.164	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.464	
252.00			0.23	
253.00			0.493	
254.00			0.242	
255.00			0.198	
256.00			0.182	
257.00			0.471	
258.00			0.174	
259.00			0.328	
260.00			0.328	
261.00			0.622	
262.00			3.416	
263.00			0.801	
264.00			0.276	
265.00			0.16	
266.00			1.252	
267.00			0.14	
268.00			0.236	
269.00			0.257	
270.00			0.331	
271.00			0.295	
272.00			0.462	
273.00			7.989	
274.00			6.612	
275.00			0.195	
276.00			3.428	
277.00			0.726	
278.00			0.155	
279.00			0.261	
280.00			0.418	
281.00			0.242	
282.00			0.289	
283.00			0.231	
284.00			0.973	
285.00			0.297	
286.00			0.36	
287.00			1.372	
288.00			1.009	
289.00			0.269	
290.00			4.57	
291.00			0.723	
292.00			0.292	
293.00			0.549	
294.00			0.241	
295.00			1.233	
296.00			0.348	
297.00			0.267	
298.00			0.5	
299.00			0.411	
300.00			0.438	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.425	
302.00			0.223	
303.00			0.185	
304.00			0.422	
305.00			0.584	
306.00			0.406	
307.00			0.18	
308.00			0.796	
309.00			0.138	
310.00			0.122	
311.00			0.223	
312.00			0.294	
313.00			1.298	
314.00			0.313	
315.00			0.314	
316.00			0.72	
317.00			0.318	
318.00			0.789	
319.00			0.208	
320.00			0.27	
321.00			0.262	
322.00			0.528	
323.00			0.188	
324.00			0.171	
325.00			0.227	
326.00			0.182	
327.00			0.178	
328.00			0.314	
329.00			0.826	
330.00			0.521	
331.00			0.173	
332.00			0.33	
333.00			0.168	
334.00			5.967	EOH @ 334.37m

BOX LOG

HOLE: KL-11-49

BOX	FROM (m)	TO (m)
1	0.00	10.45
2	10.45	16.11
3	16.11	21.76
4	21.76	27.34
5	27.34	33.08
6	33.08	38.71
7	38.71	44.31
8	44.31	49.85
9	49.85	55.44
10	55.44	61.07
11	61.07	66.60
12	66.60	72.24
13	72.24	77.95
14	77.95	83.92
15	83.92	89.55
16	89.55	95.38
17	95.38	101.00
18	101.00	106.48
19	106.48	111.86
20	111.86	117.38
21	117.38	122.94
22	122.94	128.28
23	128.28	133.52
24	133.52	139.18
25	139.18	144.75
26	144.75	150.43
27	150.43	156.18
28	156.18	161.82
29	161.82	167.19
30	167.19	172.90
31	172.90	178.50
32	178.50	184.09
33	184.09	189.72
34	189.72	195.35
35	195.35	200.76

BOX	FROM (m)	TO (m)
36	200.76	206.36
37	206.36	211.89
38	211.89	217.36
39	217.36	222.42
40	222.42	227.77
41	227.77	233.55
42	233.55	238.92
43	238.92	244.47
44	244.47	250.13
45	250.13	255.46
46	255.46	261.21
47	261.21	266.03
48	266.03	271.37
49	271.37	276.81
50	276.81	282.33
51	282.33	288.00
52	288.00	293.32
53	293.32	298.86
54	298.86	304.49
55	304.49	310.14
56	310.14	315.85
57	315.85	321.40
58	321.40	327.01
59	327.01	332.54
60	332.54	334.37
61	EOH @ 334.37	

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382936.87	6890074.5	1371.764	285.6

SECTION:

HOLE: KL-11-50

CLAIM:

Contractor: Strike

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

TARGET:

Geology logged by:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	194.16	36.6	-50.3	Ranger
102.72	39.5	-49.8	Ranger	224.64	38.7	-50.3	Ranger
133.20	34.8	-50.1	Ranger	255.12	42.9	-50.3	Ranger
163.68	37.7	-50	Ranger	285.60	42.6	-50.4	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.55	5.55	OVB	Casing/No recovery.
5.55	48.46	42.91	GRD	lightly propylitic altered and strongly oxidized
				granodioirte. Frequent dyke zenolyths present.
				disseminated magnetite throughout country rock.
48.46	51.71	3.25	VEN	Vein zone hosting massive sulphide and quartz veins
51.71	106.26	54.55	GRD	Largely unaltered granodioirte hosting abundant mafi
				zenoliths.
106.26	125.45	19.19	VEN	Vein zone dominated by gouge and breccia veins as
				well as quartz sulphide veins hosting arsenopyrite,
				galena, sphalerite and pyrite.
125.45	176.08	50.63	GRD	Moderately altered granodioirte hosting frequent quar
				veins and veinlets.
176.08	199.35	23.27	POR	two 8 m wide quartz feldspar porphyry dykes with
				extremely altered gouge material between them. High
				broken, bright orange yellow colour.
199.35	229.1	29.75	GRD/VEN	Patch altered granodioirte and vein/breccia zones.
229.1	285.6	56.50	GRD	Weakly altered granodioirte. 285.60 EOH.

SAMPLES

Numbers: K269346-K269500, K973601-K973611

Total: 166

Batch: KL-11-50 Batch 1-5

Date Sent:

Certificate: WH11188838, WH11189665, WH11193194,

WH11193198, WH11193199, WH11240724

COMMENTS

GEOLOGY LOG

HOLE: KL-11-50

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	5.55					OVB	OR		w?						VN	88	0.2	3?		w?							Overburden and blocks of orange oxidized granodiorite with oxidized sulphide veinlets. Hematite and goethite. Broken core with most of the interval missing. Phyllic alteration before oxidation?
			5.05	5.11		VEN	BN					s			VN	50	2.5	1		f?							Grey quartz vein with oxidized pyrite
5.55	6.03					GRD	OR								FD		13	1		t							Oxidized quartz flooding in granodiorite. Phyllic alteration surrounding. Fresh pyrite still present.
6.03	11.23					GRD	ORGI	MA																			Unaltered graodiorite with oxidized carbonate veinlets. Gougy? Limonite at the end of the interval.
			7.56	9.84		GRD	ORGI	EN							VN	50	?	3		f?							Phyllic alteration envelope with moderatly strong oxidation (brown (hematite)-orange-yellow (limonite)-black (goethite)). Oxidized quartz and sulphide veins/veinlets throughout interval.
			11.01	11.23		GRD	YW	GO?																			Limonite/gougy interval?
11.23	48.46					GRD	GY	MA																			Granodiorite with mafic xenoliths,, phyllic alteration envelopes, and carbonate veinlets with limonite and orange oxidation. Some small gouge intervals. Magnetite present throughout granodiorite.
			14.51	14.68		GRD									VT	90?	0.4	3						Mg	###		Magnetite veinlets in propyllitic alteration envelope. Broken core makes it difficult to determine vein properties.
			18.27	18.48		GRD	WH	MA		I					VN	20?	1?	1									Strong argillic alteration? White clay throughout. Hematite, white carbonate, grey clay, and limonite present. Also a white carbonate vein.
			26.25	26.75		GRD	DKGI	EN					pro	s	VT	15	0.4	3		t				MG	###		Strong propyllitic alteration in granodiorite with magnetite in smoky quartz veinlet.
			30.14	30.34		GRD	DKGI	EN					pro	s	VN	90	1	1		w		t					Strong propyllitic envelope surrounding quartz vein with blebs of pyrite and sphalerite?

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			31.17	32.02		GRD	LTGN	EN	ms				pro	w	VN	90	1	1		w		s	t				Phyllic and propyllitic alteration surrounding quartz vein with sphalerite, pyrite, galena, and beige carbonate. Beige carbonate veinlets throughout subinterval.
															VT	20	0.2	4									
			33.76	34.04		GRD	DKGN	EN	s				pro	f	VN	60	1	1		w		f	t				Phyllic and propyllitic alteration envelope in granodiorite surrounding milky quartz vein with beige carbonate, pyrite, sphalerite, and galena.
			44.14	44.36		GRD	DKGN	EN	f				pro	s	VN	90	1.2	1		t		w					Propyllitic and phyllic alteration envelopes surrounding grey quartz vein with orange carbonate, sphalerite, and pyrite.
			47.17	47.55		GRD	GN	EN	m						VT		0	4									Phyllic alteration envelope with oxidized veinlets, carbonate veinlets, and altered mafic xenoliths (~4cm wide).
			47.65	47.75		GRD	OR			s		m			VN	45	?	2									Strong argillic alteration and oxidation in granodiorite along calcite vein. Orange clay.
48.46	51.71					GRD	LTGN	EN	s						VT	70	0.3	5									Phyllic alteration envelope with 3 zones of significan mineralization including massive pyrite. Pink carbonate (ankerite) veinlets and and smoky quartz veins common throughout envelope. Disseminated pyrite and sphalerite in and surrounding quartz veins. Some orange oxidized "vuggy" veins.
															VN	90		5		w		w					
			49.85	50.19		VEN	GY			s					VN	90	17	1									
															VN	90	4	1		s		f	w				Dark milky and smoky quartz vein with disseminated "swirly" pyrite with sphalerite lenses and galena veins. Pink carbonate (ankerite)and vuggy network downhole of quartz vein.
			50.06	51.05		VEN	GNW	MA	l						VN	90	34?	1		###				to/cv	m/w		Subinterval of intense phyllic alteration (sericite) with black tourmaline surrounding massive pyrite and covellite? in milky quartz vein. Small amounts of orange-oxide.
			51.50	51.45		VEN	BK	MA							VN	89	1	3									Tourmaline veinlets with granodiorite clasts (~1mm 4mm wide).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
51.71	106.26					GRD	WHG	MA																			Mostly unaltered granodiorite with mafic xenoliths and phyllic+potassic alteration envelopes surrounding quartz and carbonate veins.
			56.58	57.72		GRD	LTGN	EN	ms						VT	90	0.3	4		m							Phyllic alteration envelope in granodiorite surrounding smoky quartz veinlets, beige carbonate vein with disseminated pyrite and sphalerite. Orange oxidized veinlet bordering carbonate vein.
															VN	90	9	1		w		w					
			74.14	74.18		VEN	WH								VN	90	1.7	1		w							White carbonate vein and grey quartz vein with blebs of pyrite.
			77.62	79.53		GRD	LTGN	EN	ms						VN	85	9.6	1		ms	w	f					Phyllic envelope surrounding grey quartz vein with bands of pyrite and blebs of sphalerite and arsenopyrite. Bands of beige carbonate as well. Smaller quartz, carbonate veins, and black veinlets surrounding large vein. Small dark breccia veinlet?
			86.24	86.34		VEN	LTGN								VN	60	2.5	1		w							Grey quartz and beige carbonate vein with small blebs of pyrite. Beige clay? surrounded by phyllic and propyllitic alteration.
			88.61	88.89		GRD	LTGN	EN		s					VN	60	0.8	2		w							Phyllic alteration envelope with grey quartz veinlets, orange-beige clay, and disseminated pyrite in and surrounding veins.
			99.12	100.05		GRD	LTGN	EN	ms						VN	90	7	1		w		t					Phyllic alteration envelope with mixed sulphide quartz vein and two smaller dark veinlets. Sulphide quartz vein is grey quartz, pink chalcedony, disseminated pyrite and sphalerite. Two veinlets are composed of pyrite, sphalerite, and red mineral (hematite?).
															VT	85	0.2	2		f							
			101.60	101.95		GRD	LTGN	EN	m						VN	68	1	1									Phyllic alteration envelope with pink-beige chalcedony quartz vein and grey quartz with traces of red mineral (hematite?).
			103.28	104.47		GRD	LTGN	EN	f	m			pro	m	VN	90	0.2	1		w							Phyllic, argillic, and propyllitic alteration envelope surrounding white carbonate veins, dark stringers, and grey quartz veins with trace sulphide. Argillic alteration concentrated over ~15 cm after veining.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
															ST	90	0.2	1									
			105.42	105.63		GRD	LTGN	EN	m						VT	43	0.2	2									Phyllic alteration envelope surrounding quartz veinlets and carbonate veinlets.
106.26	125.45					GRD	LTGN	MA	s																		Phyllic alteration in granodiorite with numerous quartz and carbonate veins with sulphide. Subintervals of strong argillic alteration/gouge zones.
			106.59	106.82		VEN	PK	BX							VN	80	1	~5		w							Pink chalcedony vein network breccia. Grey quartz vein with disseminated pyrite and altered granodiorite as clasts in breccia. Vuggy portions in the chalcedony.
			108.51	108.87		VEN	GY	BN							VN	90	3	4		w	m		t	CP	t		Series of banded milky quartz, pink chalcedony, carbonate, and arsenopyrite+pyrite+galena+chalcopyrite. Orange-beige alteration surrounding veins (clay?). Disseminated pyrite in veins and in surrounding alteration.
			109.09	109.26		VEN	GY								VN	90	9	1		w	f	f					Intermixed smoky quartz, milky quartz, orange-beige (clay?) alteration, and sphalerite+pyrite+arseonpyrite. Some vuggy patches.
			110.60	110.67		VEN	GY								VN	85	4.5	1		w	f	f					Smoky quartz and chalcedony vein with sphalerite, pyrite, and arsenopyrite.
			111.51	112.17		VEN	DKGY								VN	85	3	~4		w	f	s	w	CP	w		Strong argillic alteration zone/ gouge with dark veins of grey quartz, sulphide, and white clay. Sulphides are sphalerite, pyrite, arsenopyrite, galena, and chalcopyrite. Dark sphalerite-grey streak?
			112.63	112.84		VEN	BK								VN	50	6	1									Smoky quartz vein with massive sulphide-sphalerite pyrite, and arsenopyrite.
			114.10	114.46		VEN	GN	GO							VT	90	0.6	1									Gougy zone with smoky quartz veinlets with disseminated pyrite.
			114.91	114.97		VEN	PK								VN	90	~2	1									Pink chalcedony vein with turquoise copper precipitate in the fracture.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			117.12	119.14		GRD	GNW	GO							VT	80	0.4	5		t							Gougy/intense argillic alteration interval with dark stringers, orange oxidized vein, pink chalcedony veinlets, and disseminated pyrite.
			119.41	120.01		VEN	PK	BX							VN	40	~8	3		w		w					Pink chalcedony breccia with sphalerite, pyrite clasts, and altered granodiorite clasts.
			120.77	121.08		VEN	OR								VT	75	0.4	2									Oxidized clay veinlets? Orange oxidation
			122.15	122.42		GRD	WH			s																	Strong argyllic alteration envelope
			123.06	123.12		VEN	GY								VN	55	3	1		s	ms						Banded quartz vein with pyrite "sandwiched" by arsenopyrite.
															VN	70	11	2		###	s	f	f	cp	w		Massive pyrite, arseonpyrite, galena, sphalerite, and chalcopyrite in quartz vein.
125.45	161.12					GRD	BK	MA					pro	w													Weak propyllitic alteration in granodiorite with phyllic envelopes surrounding quartz-sulphide veins. Frequent white carbonate veinlets and grey quartz veinlets +or- sulphide.
			128.41	129.62		GRD	LTGN	EN	ms						VN	60	1	3		w		w	w				Phyllic and argillic alteration envelope with milky quartz veins with pyrite, galena, and sphalerite.
			136.62	136.67		APL	RD	DK							DK	55	1.8	1									Red aplite dyke.
			137.16	141.45		GRD	LTGN	EN	ms	f			pro	f	VT	70	1	5		w							Phyllic alteration envelope with patches of propyllitic and argillic alteration with beige carbonate and quartz veinlets and two smoky quartz veins with chalcedony, brecciated pyrite? and granodiorite and quartz clasts.
															VN	90	15	2		w							
			145.89	147.00		GRD	WH	EN	f	ms					VT	65	1	2		w							Argillic and phyllic alteration in granodiorite surrounding smoky quartz veinlets with disseminated pyrite.
			147.38	147.50		GRD	LTGN	EN		ms					VN	90	1.5	2		t							Argillic alteration envelope surrounding grey quartz vein with pyrite.
			147.86	148.23		GRD	LTGN	EN	ms						VN	90	7	1		f		w					Phyllic alteration envelope surrounding beige quartz vein with smoky quartz with pyrite and sphalerite.
			149.04	149.26		GRD	LTGN	EN	m						VN	90	1.2	1		f		w	t				Phyllic envelope surrounding banded grey quartz vein with pyrite, sphalerite, and galena.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			150.75	153.08		GRD	LTGN	EN	s	w					VN	20	1	2		t							Phyllic with lesser argyllic envelope with quartz veins and carbonate veins. Two majr veins with disseminated sulphide descibed below.
			151.16	151.29		VEN	BG								VN	65	11	1		w		w					
			152.82	152.94		VEN	BGBK	BX							VN	90	10	1		f		###	w	CP	w		
			154.64	155.58		GRD	WHG	EN	w	ms					VT	80	0.4	2		t							Argillic and lesser phyllic alteration in graodiorite. Grey quartz and beige carbonate veinlets. Trace pyrite.
			156.43	159.42		GRD	LTGN	EN	ms	m					VN	80	1	4		t							Phyllic alteration envelope with patches of argillic and grey quartz veins with beige carbonate. Surrounded by disseminated pyrite.
161.12	176.08					GRD	LTGN	MA	m	f			pro	f													Mostly phyllic alteration in granodiorite with patches of propyllitic and argyllic alteration. Frequent quartz veins with sulphide and aplite dykes.
			163.83	164.00		VEN	GY								VN	90	5	1									Milky and smoky quartz vein with small disseminated pyrite, sphalerite, and galena. Mineralization continues into surrounding alteration.
			165.34	165.56		GRD	LTGN	GO	s	m																	Gougy intervals with white clay matrix and granodiorite clasts (0.1cm-2cm wide).
			167.38	167.60		VEN	GY								VN	90	5?	2?									Smoky quartz vein with blebs of pyrite and sphalerite.
			168.38	168.60		VEN	GY								VT	85	0.8	12		w	t?	t?					Series of dark quartz veinlets with carbonate and pyrite, sphalerite, and arsenopyrite?
			168.88	170.64		VEN	BK								VT	80	0.8	15		t		w					Series of dark quartz veins/veinlets with pyrite and sphalerite blebs in veins running into alteration. Some vugs in quartz vein.
			170.85	171.16		APL	GY	DK							DK	90	31	1									Grey and pink aplite dyke with white clay on contacts.
			171.19	171.31		VEN	DKGY								VN	90	4.5	2		w	w	f					Grey quartz veins with patches sphalerite, pyrite, and arseonpyrite.
			172.50	172.71		APL	RD	DK							DK	90	9	2									Red and beige aplite dykes
			173.77	173.81		VEN	GY								VN	88	4	1		m		w					Smoky quartz vein with lenses of pyrite and sphalerite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			173.91	173.98		APL	GY	DK							DK	90	7	1										Grey aplite dyke.
			174.44	176.08		GRD	GY								VN	35	2	9		w		t						Series of smoky quartz veins and white carbonate veins with disseminated pyrite and sphalerite.
176.08	184.66					PO	GYGN	PO							VT	90	0.2	3										Quartz-feldspar porphyry dyke with carbonate veinlets.
184.66	185.30					GRD	GNW	GO																				Gougy/strong argillic alteration in granodiorite
185.30	186.00					GRD	DKGN	MA					pro	s														Propyllitic alteration in granodiorite
186.00	187.03					GRD	LTGN	MA		s					VT	30	0.3	2										Phyllic alteration in granodiorite with calcite veinlets.
187.03	187.65					GRD	GY	GO																				Gougy interval prior to green-grey aplite dyke? Disseminated pyrite in gouge zone.
						APL	GNGY								DK	90	31	1										
187.65	187.65					GRD	LTGN	MA																				Phyllic alteration in granodiorite with dark breccia veins. Aplite porphyry dyke and pyrite clasts in fine black matrix.
						APL	BK	BX							BX	45	7	3		f								
189.90	194.16					GRD	GN	MA					pro	w														Light propyllitic alteration in granodiorite with phyllic alteration envelopes surrounding quartz and carbonate envelopes with sulphide.
			189.53	190.23		GRD	GN	MA	s						BX	85	12	1										Phyllic alteration envelope around quartz veinlets and black breccia vein with aplite dyke clasts?
															VT	35	0.3	3										
			190.23	190.47		GRD	LTGN	MA		s																		Strong argillic alteration subinterval
			193.03	193.18		GRD	LTGN	EN	m						VT	90	0.4	1		w				CP	t			Phyllic alteration envelope surrounding grey quartz veinlet with pyrite and chalcopyrite.
			193.45	194.16		GRD	GN	MA	ms																			Phyllic alteration in granodiorite w/ swirls of beige carbonate.
194.16	199.35					POR	GNGY	PO							VN	60	1	2										Quartz feldspar porphyry dyke with orange-beige chalcedony veins, white calcite veins, and a gougy subinterval. Phenocrysts (~1mm-0.8cm in width).
															GO	55	11	1										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
199.35	202.29					GRD	WHGN			m																	Phyllic alteration envelope with breccia, vein zones, and a subinterval of argillic alteration.
			199.35	199.62		VEN	GY	BX							BX		24	1		f	w	w					Milky quartz vein in breccia sub-interval. Quartz feldpsar porphyry clats (0.1cm-3cm) and pyrite, sphalerite, and arsenopyrite clasts.
															VN	88	5	1									
			199.73	200.71		GRD	WH	MA		ms					VT	0	0.3	3									Argillic alteration subinterval with carbonate veinlets
			200.71	201.71		VEN	BK	BX							VN	90	30	1		m		w	w				Milky quartz veins and breccia zone. Splotchy clasts of quartz-feldspar porphyry dyke, altered granodiorite, ansd pyrite+galena+arsenopyrite+sphalerite. Clasts 0.1cm-6cm.
															BX	90	59	1		m	f	w					
202.29	219.56					GRD	DKGN	MA					pro	w													Weak propyllitic alteration in granodiorite with frequent phyllic envelopes with quartz, carbonate, and massive pyrite veins/veinlets. Pink chalcedony veinlets and pyrite veinlets throughout interval.
			203.21	204.68		GRD	LTGN	EN	s	m																	Phyllic and argillic alteration envelope surrounding milky quartz and breccia vein. Quartz-feldspar porphyry dyke clasts, milky quartz veinlet clasts. Clasts 4mm-5cm wide.
			204.18	204.31		VEN	GY	BX							BX	90	13	1		m		ms					
			206.07	206.24		GRD	GN	EN	m						VT	90	0.8	1		w		t					Phyllic alteration envelope in granodiorite surrounding milky quartz veinlet with pyrite and sphalerite.
			206.75	207.32		GRD	LTGN	EN	m						VT	85	0.4	7		t							Phyllic alteration envelope with white carbonate veinlets, quartz veinlets, and beige chalcedony veinlets. Quartz veinlets have pyrite surrounding.
			208.22	210.34		GRD	LTGN	EN	m																		Phyllic alteration envelope with breccia and massive sulphide veins. Stronger phyllic alteration surrounding veins.
			208.69	208.88		BX	BK	BX							BX	70	10	1		w							Black breccia with quartz-feldspar porphyry dyke clasts, altered granodiorite, and disseminated pyrite. Clasts ~1mm-4cm. Milky quartz vein with pyrite and sphalerite cut by breccia.
															VN	55	2	1		f		w					
			209.52	209.56		VEN	BZ	MA							VN	88	4	1		###		f	w				Milky quartz vein with massive sulphide (pyrite, sphalerite, and galena), and beige chalcedony.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			210.10	210.15		VEN	BZ	MA							VN	75	3	1		###		w					Milky quartz vein with massive pyrite and sphalerite and orange alteration?
			210.89	211.16		GRD	GN	EN	f						VT	70	0.4	2		f							Phyllic alteration envelope with pyrite and pink chalcedony veinlets.
			211.90	213.34		GRD	GN	EN	ms																		Phyllic alteration envelope with white carbonate veinlets and quartz-sulphide veins.
			212.89	213.01		VEN	GY	VN							VT	80	1.0	2		m							Milky quartz, pyrite, and pink chalcedony veins
			213.46	214.22		GRD	GN	EN	ms																		Phyllic alteration envelope surrounding massive pyrite+chalcopyrite+sphaerite+galena vein hosted in milky quartz. Vuggy orange vein on the edge of quartz vein.
			213.68	213.87		VEN	BZ	MA							VN	90	19	1		###		w	w	CP	w		
			214.68	215.71		GRD	GN	EN	ms						VT	90	0.3	5		t							Argillic alteration envelope with white carbonate and beige chalcedony veinlets. Disseminated pyrite in surrounding veinlets.
			217.13	217.46		GRD	GN	EN	m						VN	85	1	2		t		t					Phyllic alteration envelope surrounding grey quartz and beige carbonate veins. Traces of pyrite and sphalerite.
219.56	229.10					GRD	LTGN	MA	s	m			pro	f	VN	85	1	5									Patchy alteration zone with mostly phyllic alteration with patches of argillic and propyllitic alteration. Carbonate and quartz sulphide veins throughout.
			219.61	219.97		GRD	WH	MA		s																	Strong argillic alteration in granodiorite
			220.12	220.50		GRD	GNW	GO							GO	75	2	3									Phyllic alteration with gougy intervals. Disseminated pyrite and smoky quartz veinlets.
															VT	88	0.3	3		w							
			220.89	221.24		GRD	WHG	GO							GO	40	35	1		w							Gouge sub-interval with white clay, pink carbonate veins, altered granodiorite, and pyrite clasts. Disseminated pyrite veins on margins of gouge uphole and downhole of sub-interval.
															VN	70	1	2		f							
			224.56	224.67		VEN	GY	MA							VN	90	11	1		f		ms	w				Smoky quartz vein with blebs of pyrite, sphalerite, and galena. Massive sphalerite. Small carbonate and chalcedony veinlets within.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			225.01	225.68		GRD	DKGN	MA					pro/pc	m/w						m								Propyllitic alteration envelope with mafic xenolith. Some potassic alteration (kfeldpsar and biotite). Moderate pyrite.
			227.22	228.11		GRD	GY	SW	m						VN	80	1	5										"Swirly" phyllic alteration sub-interval with pink carbonate veinlets (vuggy) with disseminated pyrite. Altered xenolith.
229.10	245.13					GRD	DKGN	MA					pot/pr	t/w														Light propyllitic alteration in granodiorite with lesser potassic alteration. Phyllic envelopes around quartz-sulphide veins. Mafic xenoliths throughout.
			229.61	231.05		GRD	LTGN	EN	ms						VT	80	1	4		w								Phyllic alteration enlveope with altered mafic xenolith?(14cm wide), white carbonate, orange chalcedony, and smoky quartz-pyrite veinlets.
			232.80	235.80		GRD	LTGN	EN							VN	80	2	2		f		w						Phyllic altertion envelope with smoky quartz , pyrite, and shpalerite veins and chalcedony veinlets. Smal aplite dyke?
															VT	80	0.4	3									
			235.35	235.39		APL		DK							DK	88	4.0	1										
			236.07	236.36		GRD	LTGN	EN	s						VN	90	1	1		w			t					Strong phyllic envelope with disseminated pyrite and galena in smoky quartz vein.
			236.61	238.12		GRD	LTGN	EN	m						VN	85	2	2										Phyllic alteration envelope with pyrite veinlets, beige carbonate veinlets, and a drusy-smoky quartz vein.
															VT	85	0.6	5									
			239.07	242.64		GRD	GNYV	EN	m				pro	f														Phyllic alteration envelope with patches of propyllitic alteration. Two large smoky quartz veins with pyrite and sphalerite. Core borken on last vein. Width might be different than noted.
			239.55	239.62											VN	90	3.5	1		w		t					
			241.61	241.95											VN	90	34	1		f		w					
245.13	245.85					AP	RD	DK							DK	50	72	1		w								Red-beige aplite dyke with pyrite veinlets and blebs of pyrite.
245.85	268.72					GRD	GN	MA					pro	w														Weak propyllitic alteration in granodiorite with phyllic and argillic envelopes throughout. Gougy intervals, carbonate veinlets, and smoky quartz veins with sulphide throughout interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			245.85	247.86		GRD	LTGN	EN	m						VT	90	0.8	2		f								Phyllic alteration envelope with smoaky quartz and pyrite veinlets and pink chalcedony veinlets. Barren quartz veins at the end of the interval.
			251.59	257.31		GRD	LTGN	EN	s																		Phyllic alteration envelope with gougy interval, intermixed drusy-smoky quartz-pyrite, arsenopyrite, galena, sphalerite, and spotty pink chalcedony veins. Brecciated?
			252.70	253.21		VEN	PK	BX							VN	90	49?	1		f	t	w	t				Core is broken making vein difficult to measure
			253.48	255.12		GRD	GNW	GO							GO	?	?	1									Gougy interval with white clay and phyllic granodiorite clasts. Some smoky quartz veins broken within gouge.
			257.94	259.75		GRD	GN	EN	m						VN	5?	1?	1		w							Low angle milky quartz and hematite vein with pyrite. Phyllic alteration envelope surrounding vein.
			261.90	264.37		GRD	GN	EN	ms						VN	75	5	3		w							Phyllic alteration envelope with quartz-pink carbonate and sulphide veins and dark stringers.
															ST	65	0.1	4									
			265.50	267.22		GRD	GN	EN	ms						VN	85	7	2		w							Patchy strong phyllic alteration envelope with gougy interval and smoky quartz-pink chalcedony-pyrite veins. Gougy interval with white clay-beige chalcedony veinlets. "Flame-like" structures in pink chalcedony.
			267.31	267.52		GO	LTGN								GO			~21									
268.72	273.87					GRD	LTGN	MA	s	m																	Strong phyllic and moderate argillic alteration interval with pink chalcedony veins and milky quartz veins with pyrite and sphalerite. Pyrite and quartz veins throughout.
			269.82	269.87		VEN	PK								VN	65	5	1		###							Drusy pink chalcedony and smoky quartz vein with disseminated pyrite masses.
			271.60	271.66		VEN	GY								VN	90	6	1		w		w					Grey quartz vein with thin wormy pyrite and sphalerite blebs.
			272.05	272.18		VEN	GN	BX?							VN	65	13	1		w							Pink chalcedony-smoky quartz breccia? with dark margins and thin wisps of pyrite on contacts. Disseminated pyrite within vein-breccia.
			273.62	273.78		VEN	GY								VN	90	16?	1		w							Milky quartz vein with beige chalcedony veinlets and disseminated pyrite and sphalerite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
273.87	285.60					GRD	GY	MA																			Mostly unaltered granodiorite with phyllic alteration envelopes surrounding quartz-chalcedony-sulphide veins/veinlets.
			275.10	275.47		GRD	GN	EN	ms						VT	75	0.2	3									Phyllic alteration envelope surrounding pink chalcedony veinlets.
			277.51	277.96		GRD	LTGN	EN	m						VT	85	0.6	2		t							Phyllic alteration envelope with grey quartz and pink chalcedony veinlets woith trace disseminated pyrite.
			278.27	278.48		GRD	LTGN	EN	s																		Subinterval of strong phyllic alteration
			279.59	279.90		GRD	LTGN	EN	ms						VT	50	0.4	1		w		t					Phyllic alteration envelope surrounding pink chalcedony veinlet with disseminated pyrite and sphalerite.
			280.29	281.14		GRD	LTGN	EN	ms						VN	85?	<4	3?		m							Phyllic alteration envelope surrounding pyrite milky quartz-pink chalcedony-sulphide veins. Core broken. Number and orientation of vines difficult to determine.
																											EOH Depth 285.60m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-50

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.44	2.44	0.39	16	0.00	0	W	MW		
2.44	4.57	2.13	1.85	87	0.15	7	MS	MW		
4.57	7.62	3.05	2.88	94	0.57	19	MS	MW		
7.62	10.36	2.74	2.41	88	1.41	51	S	MW		
10.36	11.28	0.92	1.13	123	0.36	39	S	MW		
11.28	14.38	3.10	2.94	95	1.38	45	S	FR		
14.38	17.37	2.99	3.03	101	1.27	42	S	FR		
17.37	20.42	3.05	3.00	98	1.71	56	S	FR		
20.42	23.47	3.05	3.02	99	2.19	72	S	FR		
23.47	26.52	3.05	3.06	100	1.37	45	S	FR		
26.52	29.57	3.05	3.02	99	1.79	59	S	FR		
29.57	32.61	3.04	2.98	98	1.86	61	S	FR		
32.61	35.66	3.05	3.10	102	1.68	55	S	FR		
35.66	38.71	3.05	2.92	96	1.53	50	S	FR		
38.71	41.76	3.05	2.87	94	1.57	51	S	FR		
41.76	44.81	3.05	2.98	98	2.08	68	S	FR		
44.81	47.85	3.04	3.00	99	1.83	60	S	FR		
47.85	50.90	3.05	2.81	92	0.84	28	S	FR		
50.90	53.95	3.05	3.12	102	1.60	52	S	FR		
53.95	57.00	3.05	3.00	98	1.57	51	S	FR		
57.00	60.05	3.05	3.02	99	1.42	47	S	FR		
60.05	63.09	3.04	3.06	101	1.84	61	S	FR		
63.09	66.14	3.05	3.00	98	2.02	66	S	FR		
66.14	69.19	3.05	3.03	99	2.72	89	S	FR		
69.19	72.24	3.05	3.09	101	2.39	78	S	FR		
72.24	75.29	3.05	3.03	99	2.01	66	S	FR		
75.29	78.33	3.04	3.01	99	2.36	78	S	FR		
78.33	81.38	3.05	2.97	97	2.30	75	S	FR		
81.38	84.43	3.05	3.02	99	2.09	69	S	FR		
84.43	87.48	3.05	2.96	97	1.76	58	S	FR		
87.48	90.53	3.05	3.09	101	2.59	85	S	FR		
90.53	93.57	3.04	3.07	101	2.70	89	S	FR		
93.57	96.62	3.05	2.97	97	1.65	54	S	FR		
96.62	99.67	3.05	2.96	97	1.84	60	S	FR		
99.67	102.72	3.05	3.04	100	2.23	73	S	FR		
102.72	105.77	3.05	2.97	97	2.07	68	S	FR		
105.77	108.81	3.04	3.05	100	2.10	69	S	FR		
108.81	111.86	3.05	3.00	98	2.08	68	S	FR		
111.86	114.91	3.05	3.03	99	1.95	64	S	FR		
114.91	117.96	3.05	2.91	95	1.54	50	S	FR		
117.96	121.01	3.05	3.06	100	1.66	54	S	FR		
121.01	124.05	3.04	3.08	101	1.27	42	MS	FR		
124.05	127.10	3.05	3.02	99	2.11	69	MS	FR		
127.10	130.15	3.05	2.95	97	1.52	50	S	FR		
130.15	133.20	3.05	2.95	97	1.15	38	S	FR		
133.20	136.25	3.05	2.90	95	0.85	28	MS	FR		
136.25	139.29	3.04	2.79	92	1.62	53	S	FR		
139.29	142.34	3.05	2.99	98	1.35	44	MS	FR		
142.34	145.39	3.05	3.05	100	0.69	23	S	FR		
145.39	148.41	3.02	3.03	100	1.67	55	S	FR		
148.41	151.49	3.08	3.01	98	2.09	68	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	3.01	99	0.89	29	S	FR		
154.53	157.58	3.05	2.98	98	1.69	55	S	FR		
157.58	160.63	3.05	2.99	98	1.67	55	S	FR		
160.63	163.68	3.05	2.85	93	1.21	40	MS	FR		
163.68	166.73	3.05	3.00	98	2.48	81	S	FR		
166.73	169.77	3.04	2.98	98	2.14	70	S	FR		
169.77	172.82	3.05	3.01	99	2.08	68	MS	FR		
172.82	175.87	3.05	3.03	99	1.66	54	MS	FR		
175.87	178.92	3.05	2.93	96	1.94	64	S	FR		
178.92	181.97	3.05	3.04	100	1.98	65	S	FR		
181.97	185.01	3.04	3.02	99	2.48	82	S	FR		
185.01	188.06	3.05	2.72	89	0.90	30	W	FR		
188.06	191.11	3.05	2.83	93	1.59	52	S	FR		
191.11	194.16	3.05	3.01	99	1.98	65	S	FR		
194.16	197.21	3.05	2.91	95	1.75	57	S	FR		
197.21	200.25	3.04	3.01	99	1.99	65	S	FR		
200.25	203.30	3.05	2.99	98	2.32	76	S	FR		
203.30	206.35	3.05	3.04	100	2.47	81	S	FR		
206.35	209.40	3.05	3.01	99	2.40	79	S	FR		
209.40	212.45	3.05	3.05	100	2.62	86	S	FR		
212.45	215.50	3.05	2.98	98	2.76	91	MS	FR		
215.50	218.54	3.04	3.07	101	2.84	93	W	FR		
218.54	221.59	3.05	2.96	97	2.00	66	W	FR		
221.59	224.64	3.05	2.89	95	1.20	39	W	FR		
224.64	227.68	3.04	2.90	95	2.02	66	MS	FR		
227.68	230.73	3.05	3.10	102	1.97	64	MS	FR		
230.73	233.78	3.05	2.99	98	2.26	74	S	FR		
233.78	236.83	3.05	3.07	101	2.33	76	MS	FR		
236.83	239.90	3.07	3.01	98	2.65	86	S	FR		
239.90	242.93	3.03	2.85	94	2.02	67	S	FR		
242.93	245.97	3.04	3.05	100	1.82	60	S	FR		
245.97	249.02	3.05	2.54	83	1.58	52	S	FR		
249.02	252.07	3.05	3.16	104	2.70	89	S	FR		
252.07	255.12	3.05	2.62	86	0.18	6	MS	FR		
255.12	258.17	3.05	2.87	94	1.87	61	W	FR		
258.17	261.21	3.04	2.89	95	2.02	66	S	FR		
261.21	264.26	3.05	3.05	100	2.50	82	S	FR		
264.26	267.31	3.05	2.99	98	2.49	82	S	FR		
267.31	270.36	3.05	2.78	91	1.05	34	S	FR		
270.36	273.40	3.04	3.05	100	1.94	64	S	FR		
273.40	276.45	3.05	3.03	99	2.01	66	S	FR		
276.45	279.50	3.05	2.90	95	2.03	67	S	FR		
279.50	282.55	3.05	3.04	100	1.63	53	S	FR		
282.55	285.60	3.05	3.04	100	1.61	53	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-50

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.57	4.57		0							No Sample
4.57	6.03	1.46	1.46	100	K269346	1					
6.03	7.56	1.53	1.39	91	K269347	1					
7.56	9.84	2.28	1.87	82	K269348	1					
9.84	12.54	2.70	2.70	100	K269349	1					
12.54	15.70	3.16	3.00	95	K269350	1					
15.70	18.68	2.98	2.98	100	K269351	1					
18.68	21.70	3.02	3.00	99	K269352	1					
					K269353						Standard ME-16
21.70	24.83	3.13	2.90	93	K269354	1					
24.83	27.80	2.97	2.98	100	K269355	1					
27.80	30.77	2.97	2.97	100	K269356	1					
30.77	32.02	1.25	1.22	98	K269357	1					
					K269358	1					Blank
32.02	34.96	2.94	2.95	100	K269359	1					
34.96	38.10	3.14	3.00	96	K269360	1					
38.10	40.22	2.12	2.12	100	K269361	1					
40.22	43.66	3.44	2.91	85	K269362	1					
43.66	46.66	3.00	2.45	82	K269363	1					
46.66	48.80	2.14	2.10	98	K269364	1					
48.80	51.05	2.25	1.90	84	K269365	1					
51.05	53.95	2.90	2.90	100	K269366	1					
53.95	56.72	2.77	2.78	100	K269367	1					
56.72	57.72	1.00	0.86	86	K269368	1					
57.72	60.72	3.00	3.00	100	K269369	1					
					K269370	1					Blank
60.72	63.72	3.00	3.00	100	K269371	1					
63.72	66.72	3.00	3.00	100	K269372	1					
					K269373	1					Standard ME-16
66.72	69.72	3.00	3.00	100	K269374	1					
					K269375	1					Duplicate
69.72	72.62	2.90	2.90	100	K269376	1					
72.62	75.62	3.00	3.00	100	K269377	1					
75.62	78.46	2.84	2.77	98	K269378	1					
78.46	79.56	1.10	1.00	91	K269379	1					
79.56	82.41	2.85	2.70	95	K269380	1					
82.41	85.09	2.68	2.69	100	K269381	1					
85.09	87.48	2.39	2.27	95	K269382	2					
87.48	90.47	2.99	2.99	100	K269383	2					
90.47	93.42	2.95	2.96	100	K269384	2					
93.42	96.40	2.98	2.98	100	K269385	2					
96.40	99.03	2.63	2.54	97	K269386	2					
99.03	100.09	1.06	1.00	94	K269387	2					
					K269388	2					Blank
100.09	102.72	2.63	2.64	100	K269389	2					
102.72	104.47	1.75	1.72	98	K269390	2					
					K269391	2					Duplicate
104.47	106.26	1.79	1.79	100	K269392	2					
106.26	107.26	1.00	1.00	100	K269393	2					
107.26	108.49	1.23	1.23	100	K269394	2					
108.49	109.67	1.18	1.18	100	K269395	2					
109.67	111.15	1.48	1.43	97	K269396	2					
					K269397	2					Standard PL-2
111.15	112.86	1.71	1.71	100	K269398	2					
112.86	114.46	1.60	1.56	98	K269399	2					
114.46	115.49	1.03	1.00	97	K269400	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
115.49	117.81	2.32	1.19	51	K269401	2					
117.81	118.91	1.10	1.20	109	K269402	2					
118.91	120.15	1.24	1.24	100	K269403	2					
120.15	121.16	1.01	1.00	99	K269404	2					
121.16	123.01	1.85	1.50	81	K269405	2					
123.01	124.00	0.99	0.99	100	K269406	2					
124.00	125.01	1.01	1.01	100	K269407	2					
					K269408	2					Blank
125.01	127.10	2.09	2.10	100	K269409	2					
127.10	128.41	1.31	1.30	99	K269410	2					
128.41	129.62	1.21	1.07	88	K269411	2					
129.62	132.53	2.91	2.89	99	K269412	2					
132.53	135.53	3.00	3.00	100	K269413	2					
					K269414	2					Standard ME-16
135.53	138.22	2.69	2.32	86	K269415	2					
138.22	139.22	1.00	1.00	100	K269416	2					
139.22	140.47	1.25	1.17	94	K269417	2					
140.47	141.45	0.98	0.96	98	K269418	2					
141.45	144.45	3.00	3.00	100	K269419	3					
					K269420	3					Standard ME-16
144.45	147.38	2.93	2.89	99	K269421	3					
147.38	148.23	0.85	0.85	100	K269422	3					
148.23	151.17	2.94	2.83	96	K269423	3					
151.17	152.15	0.98	0.98	100	K269424	3					
152.15	153.08	0.93	0.91	98	K269425	3					
					K269426	3					Blank
153.08	154.64	1.56	1.44	92	K269427	3					
154.64	156.55	1.91	1.91	100	K269428	3					
156.55	157.97	1.42	1.25	88	K269429	3					
157.97	159.42	1.45	1.44	99	K269430	3					
159.42	162.12	2.70	2.52	93	K269431	3					
162.12	163.68	1.56	1.56	100	K269432	3					
163.68	164.63	0.95	0.95	100	K269433	3					
164.63	167.38	2.75	2.72	99	K269434	3					
					K269435	3					Duplicate
167.38	168.60	1.22	1.22	100	K269436	3					
168.60	170.64	2.04	2.03	100	K269437	3					
170.64	171.19	0.55	0.54	98	K269438	3					
171.19	171.81	0.62	0.61	98	K269439	3					
					K269440	3					Blank
171.81	174.44	2.63	2.62	100	K269441	3					
174.44	176.08	1.64	1.60	98	K269442	3					
176.08	178.92	2.84	2.75	97	K269443	3					
178.92	181.93	3.01	2.95	98	K269444	3					
181.93	184.66	2.73	2.74	100	K269445	3					
184.66	187.65	2.99	2.62	88	K269446	3					
					K269447	3					Standard ME-16
187.65	188.90	1.25	0.65	52	K269448	3					
188.90	190.89	1.99	1.87	94	K269449	3					
190.89	192.17	1.28	1.22	95	K269450	3					
192.17	194.11	1.94	1.94	100	K269451	3					
194.11	197.21	3.10	3.03	98	K269452	3					
197.21	199.35	2.14	2.15	100	K269453	3					
199.35	199.73	0.38	0.38	100	K269454	4					
199.73	200.85	1.12	1.09	97	K269455	4					
					K269456	4					Duplicate
200.85	201.75	0.90	0.77	86	K269457	4					
201.75	203.74	1.99	1.99	100	K269458	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
203.74	204.45	0.71	0.70	99	K269459	4					
					K269460	4					Blank
204.45	206.35	1.90	1.90	100	K269461	4					
206.35	208.42	2.07	2.07	100	K269462	4					
208.42	209.45	1.03	0.97	94	K269463	4					
209.45	210.34	0.89	0.89	100	K269464	4					
210.34	211.89	1.55	1.53	99	K269465	4					
					K269466	4					Standard ME-16
211.89	213.46	1.57	1.57	100	K269467	4					
213.46	214.22	0.76	0.70	92	K269468	4					
214.22	217.13	2.91	2.88	99	K269469	4					
217.13	219.56	2.43	2.43	100	K269470	4					
219.56	221.32	1.76	1.74	99	K269471	4					
221.32	224.14	2.82	2.53	90	K269472	4					
224.14	225.01	0.87	0.87	100	K269473	4					
225.01	227.00	1.99	1.96	98	K269474	4					
227.00	228.11	1.11	1.11	100	K269475	4					
228.11	230.98	2.87	2.87	100	K269476	4					
					K269477	4					Standard ME-16
230.98	232.80	1.82	1.82	100	K269478	4					
232.80	233.78	0.98	0.90	92	K269479	4					
233.78	234.62	0.84	0.84	100	K269480	4					
234.62	235.80	1.18	1.18	100	K269481	4					
235.80	237.18	1.38	1.38	100	K269482	4					
237.18	238.12	0.94	0.93	99	K269483	4					
238.12	239.07	0.95	0.89	94	K269484	4					
239.07	239.88	0.81	0.81	100	K269485	4					
					K269486	4					Blank
239.88	241.38	1.50	1.50	100	K269487	4					
241.38	242.38	1.00	0.73	73	K269488	4					
242.38	245.13	2.75	2.73	99	K269489	4					
245.13	247.86	2.73	1.93	71	K269490	5					
247.86	250.00	2.14	2.08	97	K269491	5					
250.00	252.02	2.02	2.02	100	K269492	5					
252.02	253.48	1.46	1.26	86	K269493	5					
253.48	255.12	1.64	1.15	70	K269494	5					
255.12	258.17	3.05	2.92	96	K269495	5					
258.17	261.21	3.04	3.02	99	K269496	5					
261.21	262.46	1.25	1.29	103	K269497	5					
					K269498	5					Duplicate
262.46	264.04	1.58	1.56	99	K269499	5					
264.04	266.11	2.07	2.02	98	K269500	5					
266.11	268.02	1.91	1.80	94	K973601	5					
					K973602	5					Blank
268.02	269.82	1.80	1.62	90	K973603	5					
269.82	272.06	2.24	2.29	102	K973604	5					
272.06	273.78	1.72	1.70	99	K973605	5					
273.78	276.45	2.67	2.69	101	K973606	5					
276.45	279.50	3.05	2.89	95	K973607	5					
					K973608	5					Standard ME-16
279.50	281.14	1.64	1.75	107	K973609	5					
281.14	282.55	1.41	1.39	99	K973610	5					
282.55	285.60	3.05	3.05	100	K973611	5					
EOH											

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

DENSITY LOG

Hole: **KL-11-50**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
N/A	Standard											1974.2	1451.5			3.78
84.51	GRD	MA	pro	w						9.86	6.361	811.2	465.1		2.59	2.34
N/A	Standard											1984.3	1074.3			2.18
201.6	VEN	PA	Phyllic	s	5%			AS	4%	10.35	6.362	948.2	345.2		2.88	1.57
225.24	GRD	MA	Phyllic	ms	1%					9.732	6.341	840.2	548.7		2.73	2.88

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-50

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00			26.02	
3.00			0.707	
4.00			0.354	
5.00			0.29	
6.00			14.97	
7.00			20.24	
8.00			0.764	
9.00			0.841	
10.00			20.51	
11.00			20.45	
12.00			18.78	
13.00			28.51	
14.00			26.35	
15.00			35.64	
16.00			20.35	
17.00			27.07	
18.00			24.37	
19.00			30.6	
20.00			28.34	
21.00			34.71	
22.00			24.68	
23.00			23.75	
24.00			26.27	
25.00			29.58	
26.00			2.933	
27.00			26.54	
28.00			21.62	
29.00			22.73	
30.00			1.14	
31.00			22.47	
32.00			67.3	
33.00			20.85	
34.00			28.99	
35.00			21.98	
36.00			17.19	
37.00			21.72	
38.00			16.58	
39.00			22.48	
40.00			19.72	
41.00			23.76	
42.00			23.42	
43.00			14.13	
44.00			22.99	
45.00			27.8	
46.00			33	
47.00			36.03	
48.00			22.93	
49.00			0.236	
50.00			0.363	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.26	
52.00			32.2	
53.00			38.3	
54.00			5.255	
55.00			24.64	
56.00			32.84	
57.00			16.43	
58.00			19.34	
59.00			27.11	
60.00			1.202	
61.00			21.44	
62.00			22.39	
63.00			9.52	
64.00			23.83	
65.00			13.11	
66.00			22.9	
67.00			38.29	
68.00			20.17	
69.00			21.9	
70.00			19.63	
71.00			22.52	
72.00			23.62	
73.00			21.84	
74.00			22.99	
75.00			29.1	
76.00			23.97	
77.00			27.37	
78.00			5.797	
79.00			0.926	
80.00			14.78	
81.00			8.851	
82.00			20.65	
83.00			28.19	
84.00			24.47	
85.00			22.67	
86.00			20.86	
87.00			18.98	
88.00			23.1	
89.00			3.603	
90.00			20.14	
91.00			10.28	
92.00			22.45	
93.00			24.76	
94.00			29.42	
95.00			26.54	
96.00			24.87	
97.00			28.13	
98.00			15.74	
99.00			1.364	
100.00			6.264	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			26.1	
102.00			13.7	
103.00			11.77	
104.00			0.482	
105.00			4.341	
106.00			0.725	
107.00			0.464	
108.00			0.387	
109.00			0.423	
110.00			0.352	
111.00			0.522	
112.00			0.342	
113.00			0.368	
114.00			0.36	
115.00			0.378	
116.00			0.486	
117.00			0.412	
118.00			0.22	
119.00			0.249	
120.00			0.402	
121.00			0.515	
122.00			1.087	
123.00			0.374	
124.00			0.464	
125.00			0.412	
126.00			17.31	
127.00			11.69	
128.00			22.89	
129.00			0.517	
130.00			25.41	
131.00			20.95	
132.00			28.07	
133.00			27.09	
134.00			18.59	
135.00			16.54	
136.00			15.47	
137.00			6.844	
138.00			0.442	
139.00			0.162	
140.00			0.59	
141.00			0.546	
142.00			24.36	
143.00			4.276	
144.00			28.29	
145.00			2.522	
146.00			0.482	
147.00			0.762	
148.00			0.559	
149.00			28.6	
150.00			30.53	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.634	
152.00			0.717	
153.00				shattered core
154.00			12.89	
155.00			4.221	
156.00			28348	
157.00			0.335	
158.00			2.302	
159.00			0.957	
160.00			5.466	
161.00				shattered core
162.00			0.857	
163.00			0.994	
164.00			0.381	
165.00			0.376	
166.00			0.249	
167.00			0.191	
168.00			0.515	
169.00			0.25	
170.00			0.093	
171.00			0.341	
172.00			0.408	
173.00			0.229	
174.00			0.304	
175.00			0.226	
176.00			0.559	dyke
177.00			0.38	dyke
178.00			0.216	dyke
179.00			0.176	dyke
180.00			0.247	dyke
181.00			0.214	dyke
182.00			0.284	dyke
183.00			0.259	dyke
184.00			0.244	dyke
185.00			0.354	dyke
186.00			0.713	
187.00			0.241	
188.00			0.574	
189.00			3.5	
190.00			0.658	
191.00			5.76	
192.00			4.393	
193.00			1.003	
194.00			0.485	dyke
195.00			0.384	dyke
196.00			0.594	dyke
197.00			0.318	dyke
198.00			0.354	dyke
199.00			0.367	dyke
200.00			0.706	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.249	
202.00			0.441	
203.00			8.9	
204.00			0.466	
205.00			11.98	
206.00			18.5	
207.00			2.511	
208.00			15.21	
209.00			0.631	
210.00			0.431	
211.00			0.283	
212.00			1.542	
213.00			0.731	
214.00			0.644	
215.00			10.66	
216.00			11.22	
217.00			0.506	
218.00			1.621	
219.00			17.98	
220.00			0.215	
221.00			0.177	
222.00			0.461	
223.00			0.403	
224.00			0.506	
225.00			4.117	
226.00			0.461	
227.00			0.237	
228.00			0.344	
229.00			12.47	
230.00			0.676	
231.00			8.74	
232.00			15.52	
233.00			0.429	
234.00			0.394	
235.00			0.892	
236.00			0.568	
237.00			0.316	
238.00			4.675	
239.00			0.461	
240.00			0.869	
241.00			0.241	
242.00			0.411	
243.00			19.86	
244.00			29.42	
245.00			7.945	
246.00			0.684	
247.00			0.383	
248.00			7.924	
249.00			7.818	
250.00			44.69	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			32.16	
252.00			0.571	
253.00			0.284	
254.00			0.411	
255.00			0.28	
256.00			0.443	
257.00			2.014	
258.00			0.657	
259.00			19.51	
260.00			3.373	
261.00			0.832	
262.00			1.512	
263.00			0.683	
264.00			0.176	
265.00			12.91	
266.00			0.275	
267.00			0.621	
268.00			0.489	
269.00			0.935	
270.00			0.149	
271.00			0.239	
272.00			0.293	
273.00			1.358	
274.00			10.75	
275.00			0.658	
276.00			22.63	
277.00			11.73	
278.00			5.897	
279.00			23.09	
280.00			0.938	
281.00			0.376	
282.00			26.39	
283.00			39.89	
284.00			34.45	
285.00			0.527	
EOH				

BOX LOG

HOLE: KL-11-50

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	5.59	36	148.44	152.61
2	5.59	10.16	37	152.61	156.43
3	10.16	14.04	38	156.43	160.43
4	14.04	17.90	39	160.43	164.69
5	17.90	22.10	40	164.69	168.86
6	22.10	26.19	41	168.86	173.11
7	26.19	30.34	42	173.11	177.27
8	30.34	34.49	43	177.27	181.56
9	34.49	38.71	44	181.56	185.45
10	38.71	42.92	45	185.45	189.53
11	42.92	47.21	46	189.53	193.65
12	47.21	51.30	47	193.65	197.75
13	51.30	55.59	48	197.75	201.95
14	55.59	59.86	49	201.95	206.24
15	59.86	64.00	50	206.24	210.57
16	64.00	68.35	51	210.57	214.85
17	68.35	72.63	52	214.85	219.00
18	72.63	76.72	53	219.00	223.39
19	76.72	81.05	54	223.39	227.68
20	81.05	85.39	55	227.68	231.95
21	85.39	89.57	56	231.95	236.31
22	89.57	93.71	57	236.31	240.56
23	93.71	98.05	58	240.56	244.98
24	98.05	102.46	59	244.98	249.54
25	102.46	106.82	60	249.54	253.31
26	106.82	111.15	61	253.31	257.53
27	111.15	115.39	62	257.53	261.52
28	115.39	119.62	63	261.52	265.89
29	119.62	123.73	64	265.89	269.82
30	123.73	127.89	65	269.82	273.90
31	127.89	132.16	66	273.90	278.43
32	132.16	136.08	67	278.43	282.55
33	136.08	140.47	68	282.55	285.60
34	140.47	144.58			EOH
35	144.58	148.44			

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382932.13	6889648.8	1425.111	230.12

ZONE: HERC

SECTION:

HOLE: KL-11-51

CLAIM:

Contractor: Swiftsure Drilling

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	138.68	37.4	-48	Ranger
47.24	35.3	-49.4	Ranger	169.16	38.1	-47.7	Ranger
77.72	37.5	-48.9	Ranger	199.64	41.3	-47.6	Ranger
108.20	38.2	-48.5	Ranger	230.12	42	-47.6	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.66	7.66	OVB	Overburden/No recovery.
7.66	40.73	33.07	GRD/VEN	Oxidized, lightly altered granodiorite. Strong brown
				coulour, very strong sulphide veins. Massive pyrite,
				arsenopyrite, galena and sphalerite present.
40.73	63.91	23.18	GRD	propylitic/phyllic altered granodiorite.
63.91	96.04	32.13	GRD/VEN	Propylitic altered granodioirte with frequent phyllic
				envelopes and quartz veins and veinlets. Quartz veins
				and quartz sulphide veins are common throughout
				interval.
96.04	151.36	55.32	GRD/BXA	Alternating phyllic, argillic and propyltic altered
				granodioirte with wide breccia zones common.
				semi-massive sulphides present in breccia zones.
151.36	169.9	18.54	POR	Quartz feldspar porphyry dykes cross cut by breccia
				zones and strong gouge.
169.9	219.4	49.50	VEN/BXA	Highly altered granodioirte hosting common breccia a
				quartz sulphide vein zones.
219.4	230.12	10.72	GRD	largely unaltered granodioirte. 230.12 EOH.

SAMPLES

Numbers: K973220-K973362

Total: 143

Batch: KL-11-51 Batch 1-4

Date Sent:

Certificate: WH11185127, WH11185217, WH11186305, WH11188836, WH11238864, WH11263281

COMMENTS

GEOLOGY LOG

HOLE: KL-11-51

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	7.66					OVB	BN																				Overburden, oxidized GRD, lots of redrill
7.66	40.73					GRD	BNOF	PA	ms	ms-s		s	pro	s													Oxidized core. Very patchy phyllic-argillic-propyllitic alteration in ~1m intervals. Milky quartz veinlets and limonite veinlets frequent. Milky quartz sulphide veins host strong sphalerite, galena, and pyrite mineralization (describe below). 60% core brown overall 40% show alteration colours without oxidation staining. Limonite on approximatly all fracture surfaces.
						VEN	WH	MA							VN	90	1-3			<ms		<ms	<ms				
						VEN	WH								VN	0-90	<0.5										
			24.13	24.30		VEN	WH	MA-NE							VN	90?	>8					s	s-i				Galena, sphalerite, quartz vein. Milky white netted to mxx quartz vein hosting semi-mxx to mxx galena veining and coarse clots. Honey brown sphalerite? occurs in quartz netting. Galena greater than sphalerite. Vein in fractured core.
								MA																			
			26.08	26.25		VEN	WHPI	BNBX							VN	90	<4					m-m	w				Sphalerite and galena quartz vein with breccia. Two milky white thick banded(8mm-12mm) quartz veins host medium-strong honey-brown sphalerite blebs <8mm and weak galena blebs <3mm along rims. Upper vein ~brecciated. Black breccia 3cm thick occurs between veins. Clasts <1cm of milky quartz in black silicified matrix. No visible mineralization.
								BL																			
			30.12	30.69		VEN?	BKGY	?												s		w					Black sulphides-disseminated pyrite. Zone of bladed massive sulphides? With strong disseminated pyrite and ? Pyrite veinlets? Semi-massive Pyrite occurs as well. Core fractured, soft and oxidized difficult to characterize.
								DI																			
			38.21	38.60		GO	BG	SH							VN	?	1					f					Gougy phyllic altered granodiorite, fractured sphalerite quartz vein in rubble.
40.73	63.91					GRD	DKGN	MA					pro	s													Propyllitic alteration . Dark green propyllitic alteration with 5% argyllic alteration. Minor white quartz veinlets.
															VT	0-45	<0.2										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			46.44	46.81		GO	BGG\	SH		s			pro	s														Gouge with sulphides . Gouge with grey massive sulphides? Core soft and rubbley.
			57.87	59.50		GRD	WH	EN		s																		Milky quartz vein in argillic envelope. Milky white grey quartz? vein 5cm+ thick hosting brecciated clay clasts <1cm and smoky quartz <1cm. Vein within argillic envelope.
			*58.85	59.02		VEN	WHG	BX							VN	25	5+											
63.91	88.08					GRD	LTGN	MA	ms				pro	s														Propyllitic alteration with frequent phyllic envelopes and veinlets. Dark green propyllitic altered granodiorite with weak potassic alteration. Phyllic envelopes <3m wide quartz, quartz sulphide. Veinlets and veins occur very frequently, Veinlets typically subvertical milky quartz with /or pyrite stringers. Black massive sulphide veins common.
			64.40	65.97		GRD	GN	PA																				Propyllitic-phyllic patches. Light green, dark green, patchy phyllic-propyllitic alteration. Biege chalcedony and sphalerite-galena stringers form banded vein zones at the top and bottom of the interval.
						VEN	WHBI	BN							VN	90	<2											
			66.44	67.62		GRD	LTGN	EN	ms																			Quartz-sulphides in phyllic envelope. Concentration of pyrite stringers, black stringers, and sulphide veins hosting blebby pyrite , blackjack sphalerite?, trace galena, and crosscutting grey quartz. Disseminated pyrite throughout interval.
						VEN	BK	MA							VN	'5/90	3-1.5											
															ST	90	0.2	22		100								
								DI												m								
								BL												s		f	f-m					
			68.90	68.68		GRD	LTGN	EN																				
						VEN	BK	ST							VT	50	<.4	9										Sphalerite stingers in phyllic envelopes
			71.10	71.30		VEN	BK								VN	90	.5-1											Three sphalerite veins-discontinuous upper hosts hematite middle hosts pyrite blebs (minor). Bottom VT is discontinuous black jack sphalerite.
			73.67	74.10		GRD	LTGN	EN	s																			Sphalerite and pyrite veinlets with milky quartz veinlets together 0.4cm thick crosscut by translucent , biege quartz vein all in stong phyllic envelope.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
						VEN	BGGY	BN							VT	50	0.4			m		sph	m					
															VN	80	1			m		sph	m					
			80.24	83.17		GRD	LTGN	EN	s																			Quartz vein sulphide veins in phyllic envelope. Milky and smoky quartz veinlets form medium banded quartz veins with disseminated pyrite selvages and pyrite stringers. Fractured surfaces oxidized. Breccia zone and brecciated sulphide vein decribed below.
						VEN	WHBI	BN							VN	60-90	0.4-2	9										
			81.38	81.50		BXA	GYPK	BX							BX	90												Black breccia. Pink massive aplite? Veinb clasts and phyllic altered granodiorite clasts in crystalline snoky quartz? matrix. Sphalerite blebs associated with clasts. Pyrite and Arsenopyrite? disseminations in matrix.
								DI												m	m?							
								BL														f						
			82.23	82.27		VEN	BKGN	BX							VN	80	3.5											Black massive fine grained sulphide vein with brecciated phyllic alterated granodiorite (clasts <1cm thick and width of core. LARGE) Limonite veining proximal to vein.
			83.17	88.08		GRD	DKGN	MA					pro	s														Dark green/greyish strong propyllitic alteratior
88.08	96.04					GRD	LTGN	PA	ms	ms			pro	s														Patchy alteration. Patchy phyllic/argillic-propyllitic alteration, fractured surfaces oxidized. One white grey banded quartz calcite vein.
															VN	90	5										
96.04	151.40					GRD	DKGN	MA	m-s				pro	ms														
															VN	65-90	14		see below								Propyllitic alteration with phyllic envelopes around quartz/ quartz carbonate veining. Dark green strong propyllitic alteration with frequent phyllic envelopes.around quartz/ quartz carbonate/ quartz sulphide veins. 60% propyllitic 30% phyllic 10% argyllic alteration. Argyllic zones meter scale. Quartz veinlets and black stingers common. Zones of increased veining described below.
															VT	60-90	<0.8											
			57.50	96.62		BXA		BX							Bx		15											Brecciated Zone- milky quartz veinlets, smooky quartz veinlets, and calcite veinlets offset by fractures. Disseminated pyrite throughout subinterval.
								VU							VT	60	0.7										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
								DI												t							
			96.62	99.37		GRD	LTGN	EN																			
								DI												f							Banded breccated vein with granodiorite clasts and semi-massive pyrite. Massive pyrite and arsenopyrite on exterior and disseminated pyrite in between vein. Quartz-sulphide vein.
			96.86	96.96		VEN	GYBZ								VN	90	2cm			25%	f	15%					
								DI-Bl																			
						VEN									VT-V	0-90	1-0.7			t-s	t						Smoky quartz sulphide veins crosscut by Py/As stringers strongly disseminated
																0.1-2.0											
			105.45	106.79		GRD	GY-W	MA		ms-l																	Argyllic altered granodiorite ~1.30 in length
							GN																				
			106.56	112.75		GRD									VN-\	0-90				t							Propylitic alteration with phyllic envelopes. Phyllic alteration surround milky quartz veins. Phyllic zones 15-25 cm. Pyrite veins along some milky quartz veins.
																0.3-1.5											
			118.23	118.46		GRD	LT-GI	EN																			Phyllic envelopes (~23cm) with milky and smoky quartz veins and calcite veins and discontinous Py and As stringers on exterior in smoky quartz
						VEN	GY-WH		ms							85	2			I	m						
			120.85	125.07		GRD	GY-G	MA		ms																	Argyllic and propylitic alteration- core crumbly to semi competant
			126.42	126.96		GO	GY-LT	GN																			Gouge Zone- clay fill with clasts 1/2 mm-4 cm in length. Clasts- quartz, and fractured veining?
			135.23	135.63		GRD	LT-GI	EN																			
						VEN			ms							85	6			30%							
			138.36	138.75		GRD	LT-GI	EN	ms																		
						VEN										90	13			m	t?		t				Quartz vein with phyllic envelope. Mix of smoky quartz and milky quartz blebs. Small traces of galena and As? On exterior of vein.
			138.95	130.23		VEN	Gy LT	BN							VN	90	10			m							Smoky and milky quartz vein with disseminated pyrite
			139.59	139.91		GRD	WH L	MA		m						35	27										Argyllic alteration along sharp contact ~35 degrees

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			140.24	142.36		GRD	LT-GI	EN	m																			Phyllic envelopes with blebby milky quartz veins with sphalerite(black jack) stringers.
						VEN									VN	90	0-27			f		t					
			142.36	144.48		GRD	WH P	ms																				Argyllic GRD zone with anhydrite/gypsum? veinlets and smoky quartz veins. Breccia area cut by milky quartz veins first 30cm of sub interval. Darker greer towards the end of sub intervel.
						VN									VN	90	5-10	1									
						VT									VT	40	0.3										
			145.64	146.09		GRD			f				prop	w	VT	'0-85	1-0.9			w	f			He	t		Quartz veinlets cutting through prop and phyllic altered GRD. Py+As+He veinlets. Disseminated pyrite throughout sub interval.
			146.50	149.98		GRD	LTGN	PK WH		t			pot	w	VT-V	5-90				t								Potassic and argyllic zone on the uphole side of the dyke. Dark vein-veinlets of smoky quartz with disseminated pyrite w/ blackjack sphalerite?
						VT-VI	BK																				
			149.98	151.06		GRD	DK GN		t											w		t		Ep	w		Propylitic zone with smoky and silky quartz veins with py and sph? Disseminated pyrite in phyllic envelopes. Sph throughout.
						VEN									VT	60-90	3-0.8			w		t					
151.36	155.26					POR	BF	MA																				Quartz feldspar porphyry dyke. Phenocrysts 1/4mm to 1mm in width. Core fractured and broken. Flow banding 65 degrees.
			154.54	155.26		POR	BF	GO																				Fractured QTZ-feld pophyry dyke set in white clay matrix.
155.26	157.95					GRD	DK-G	MA					pot/pr	m/m														Propylitic alteration at start of the interval shifting to more dominant potassic alteration towards the end of the interval. One white carbonate vein. Strong propylitic alteration at the end of the interval and disseminated py before dyke contact. Traces of hematite towards the contact as well as diss. py.
						VN	WH								VN	45	2			t				He	t		
157.95	169.90					POR	LT-GI	MA																				Qtz feld porp dyke. Phenocrysts ~1/4mm to 5mm in width. Zones of gouge (described below) and BG QTZ and carbonate veins.
						VN	BG-PK								VT-V	3-30	3-1.1										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			158.44	158.83		POR	LT-GI	GO																			Fractured and broken Qtz-feld porphyry dyke "clasts" in clay and quartz matrix. Matrix- clay size-2mm.
169.90	171.55					BX-G	DK-GY	DK-	I											w							Gouge-black breccia of intense phyllic alteration. Clasts of milky quartz vein with pyrite. Banded intact milky qtz vein and BG carbonate veins. Qtz vein w/ pyrite and sphalerite? Disseminated py after qtz vein towards en of interval.
						VEN	BG-WH								VT-V	75	0.1-2			###		f					
171.55	204.32					GRD	DK-G	EN	s	m			prop	ms													Propylitic alteration w. phyllic envelopes containing breccia zones w. qtz veins, carb veins, containing disseminated pyrite and sphalerite. Sections of Pk argyllic alteration. 60% phyllic 20% prop 15 argyllic. Qtz vein and breccia descibed below.
						VEN									VT-V	0-90	0.1-2										
		179.61	180.19			VEN	BK-BI	Bx							VN	5-85	1-2			w		m					Breccaited milky and smoky quartz veins w/ pyrite and sph veins. Space filled with BG carb vein. Carb veins offset by fractures. Disseminated py in dark sph? vein.
		178.71	179.06			VEN	BG	Bx																			Brecciated carb vein and smoky quartz vein w. disseminated pyrite.
		179.50	179.84			GRD	LT-GI	MS		m																	Moderate argyllic alteration. Grafdes from phyllic argyllic uphole to to end of subinterval. Sharp contact with propylitic zone, divided by pink carb vein.
		186.45	187.13			VEN	BK								VT	5-90	0.3			f							Dark zone of milky, smoky qtz and carbonate veins. Surrounded by LT-GN phyllic alteration. Disseminated and blebs of pyrite throughout vein zone. Dark zone 17cm long. Carbonate and pyrite veins outside of dark zone.
		187.26	187.55			VEN	LT-GN								VT-V	5-90	0.1-1			w							Fractured carb vein and carb vein alternating with smoky quartz vein.
		187.82	188.54			GDR	BF LT	GO																			Gouge zone-LT green GDR clasts in clay. Matrix clay sized to 2mm. Oxidized clasts. Py mineralization at the end of the zone w/ carbonate and smoky quartz veinlet.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
		188.54	189.80			VEN	M-GN								VT-V	85	0.1-2			ms	f	s					Series of carb veins, milky qtz, and smoky qtz. Py+Sph+As around carb veins. Disseminated pyrite around dark sph-py-As vein. Brecciated zone by carbonate vein network. Py stingers on margins of breccia zone.
		194.16	194.40			VEN	BF								VT	85	0.3			w							Smoky qtz vein with pyrite and carbonate veins
		196.72	197.20			VEN	BF-BG								VN	88	8			w							Milky quartz w/ py and swirly masses of carbonate containing disseminated py
		198.69	198.85			VEN	DK-GN								VT	50	0.3			w							Pyrite blebs on margin of argyllic zone proximal to small carb veinlet.
		199.17	199.82			VEN	M-GN								VN	80	7			30		w					Small veinlets of py and milky and smoky quartz vein (7 cm wide) w/ pyrite and sphalerite.Drusy qtz w. carbonate filling. Small milky qtz veins w/ pyrite towards end of sub interval.
						VT									VT					w							
		201.45	202.45			VEN	BK-G	BX												t							Smoky and milky qtz breccia w. disseminated pyrite. Banded sph? Veinlets BG carb. Breccia zone ~7cm wide banded zone, 13cm patchy grey and black qtz 8scm wide. Blebs of py throughout subinterval. Hermatite on the margin of 8cm "patchy zone"
								VN												###		w					
								VT																			
204.32	218.95					GRD	DK-G	MS					prop	s													Propyltic alteration in GRD with mafic xenoliths w. carbonate veins and argyllic subintervals (description below).
								VEN							VT-V	5-90	0.1-1	0.5									
		207.40	207.68			GRD	PK G	MS		m																	Argyllic alteration of GRD
		208.27	209.20			""	""	""		""																	""
		210.00	210.14			VEN									VN	73	3			w	t	s					Milky quartz vein surrounded by phyllic envelope. Carb on exterior. Sph+pyrite+As. Disseminated py continues into GRD.
		215.33	217.53			VEN	LT-GN			m					VT-V	0-85	1-0.6										Phyllic alteration surrounding smoky qtz veinlets mixed with carb. Py + sph in qtz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
217.96	218.83					GRD	WH L	Ms	s	w																	Phyllic alteration with milky qtz veinlets w. pyrite and argyllic alteration at beginning of interval. Disseminated py around veinlets
						VEN									VT	90	0.4			w							
218.83	219.40					VEN	GN-GY								VN	50	1-11			###	ms	f					Smoky and milky qtz veining w. plentiful sulphides. Drusy qtz surrounding pink carb inside vein. Sulphides in large masses in vein and smaller blebs(3-6mm in width) in host rock. Sulphides py+As+Sph
219.40	220.12					VEN	GY	GO												w							Gouged vein material. Py scattered through gouge zone. Later part of interval intact. Smoky qtz veins w carb and py.
								VN							VN	50	2-5			f							
220.12	222.93					GRD	LT-GI	MA	ms																		Moderatly strong phyllic alteration with black stringers and carbonate veinlets.
						VT									VT	30-65	1-0.2	5									
222.93	230.12					GRD	DK-G	MA					prop	s													Propylitic alteration with envelopes of phyllic alteration surrounding milky qtz and carb veins w. sulphide. Zones of argyllic alteration towards the end of the core
		224.93	225.20			VEN	M-GN		s						VN	88	1.5										Milky qtz vein w/ pyrite Arseno, bisected by white calcite vein. Phyllic envelope surrounded with patchy py blebs. Offset of vein ~3cm.
		225.20	230.12																		t			He	t		Argyllic alteration and white calcite lenses throughout end of interval. Small amounts of pyrite and hematite in fractures.
																											EOH 230.12m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOTECHNICAL LOG

HOLE: KL-11-51

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.27	4.27		0		0	MS	HW		OVB
4.27	8.23	3.96	2.18	55	0.70	18	S	SW		
8.23	11.27	3.04	2.85	94	1.77	58	MS	MW		
11.27	14.33	3.06	2.92	95	0.88	29	MS	EW		
14.33	17.37	3.04	2.86	94	0.67	22	MS	HW		
17.37	20.42	3.05	3.08	101	0.87	29	MS	SW		
20.42	23.47	3.05	2.89	95	1.23	40	ES	MW		
23.47	26.52	3.05	3.08	101	1.12	37	MS	MW		
26.52	29.57	3.05	3.00	98	0.40	13	MS	SW		
29.57	32.61	3.04	3.01	99	1.19	39	MS	SW		
32.61	35.66	3.05	2.95	97	1.28	42	MS	MW		
35.66	38.71	3.05	2.93	96	0.69	23	MS	SW		
38.71	41.76	3.05	2.87	94	0.25	8	S	SW		
41.76	44.81	3.05	3.02	99	1.10	36	MS	FR		
44.81	47.85	3.04	2.84	93	0.31	10	S	FR		
47.85	50.90	3.05	3.05	100	0.39	13	S	FR		
50.90	53.95	3.05	2.98	98	1.42	47	S	SW		
53.95	57.00	3.05	3.03	99	0.46	15	S	SW		
57.00	60.04	3.04	2.95	97	0.92	30	MS	FR		
60.04	63.09	3.05	2.96	97	1.45	48	MS	FR		
63.09	66.14	3.05	2.95	97	2.42	79	SS	FR		
66.14	69.19	3.05	3.10	102	2.02	66	MS	FR		
69.19	72.24	3.05	2.98	98	1.79	59	MS	FR		
72.24	75.28	3.04	3.12	103	1.84	61	S	SW		
75.28	78.33	3.05	2.91	95	0.53	17	MS	SW		
78.33	81.38	3.05	2.95	97	0.80	26	S	MW		
81.38	84.43	3.05	3.00	98	1.11	36	S	SW		
84.43	87.48	3.05	2.95	97	0.96	31	S	SW		
87.48	90.52	3.04	2.97	98	0.95	31	MS	SW		
90.52	93.57	3.05	3.05	100	1.10	36	S	FR		
93.57	96.62	3.05	2.88	94	0.00	0	MS	FR		
96.62	99.66	3.04	2.80	92	1.06	35	MS	FR		
99.66	102.72	3.06	2.98	97	1.45	47	MS	FR		
102.72	105.77	3.05	3.03	99	0.14	5	MS	FR		
105.77	108.81	3.04	3.02	99	1.65	54	MS	FR		
108.81	111.86	3.05	3.08	101	0.73	24	MS	FR		
111.86	114.91	3.05	2.99	98	0.78	26	MS	FR		
114.91	117.96	3.05	2.96	97	0.99	32	MS	FR		
117.96	121.01	3.05	2.97	97	1.81	59	MS	FR		
121.01	124.05	3.04	2.75	90	0.90	30	S	FR		
124.05	127.10	3.05	3.01	99	0.71	23	MS	FR		
127.10	130.15	3.05	2.99	98	0.63	21	MS	FR		
130.15	133.20	3.05	2.98	98	0.96	31	MS	FR		
133.20	136.25	3.05	2.66	87	1.02	33	S	FR		
136.25	139.20	2.95	2.98	101	0.95	32	S	FR		
139.20	142.34	3.14	2.96	94	1.14	36	S	FR		
142.34	145.39	3.05	2.76	90	1.83	60	MS	FR		
145.39	148.44	3.05	3.05	100	2.21	72	MS	FR		
148.44	151.49	3.05	2.79	91	0.59	19	S	FR		
151.49	154.53	3.04	2.85	94	0.54	18	S	FR		
154.53	157.58	3.05	2.65	87	0.44	14	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.58	160.63	3.05	2.68	88	0.45	15	MS	FR		
160.63	163.68	3.05	2.93	96	2.10	69	MS	FR		
163.68	166.72	3.04	2.80	92	0.61	20	MS	FR		
166.72	169.77	3.05	2.91	95	0.79	26	S	FR		
169.77	172.82	3.05	3.01	99	1.88	62	MS	FR		
172.82	175.87	3.05	2.98	98	1.59	52	S	FR		
175.87	178.92	3.05	3.03	99	1.51	50	MS	FR		
178.92	181.97	3.05	2.91	95	1.70	56	MS	FR		
181.97	185.01	3.04	2.93	96	1.82	60	MS	FR		
185.01	188.06	3.05	3.06	100	1.60	52	MS	FR		
188.06	191.11	3.05	3.10	102	0.86	28	MS	FR		
191.11	194.16	3.05	3.05	100	0.67	22	MS	FR		
194.16	197.20	3.04	2.96	97	1.03	34	MS	FR		
197.20	200.25	3.05	3.15	103	0.83	27	S	FR		
200.25	203.30	3.05	3.01	99	1.40	46	S	FR		
203.30	206.35	3.05	2.97	97	2.18	71	MS	FR		
206.35	209.40	3.05	3.07	101	1.44	47	MS	FR		
209.40	212.44	3.04	2.82	93	1.07	35	S	FR		
212.44	215.49	3.05	2.96	97	1.40	46	S	FR		
215.49	218.54	3.05	2.83	93	0.68	22	S	FR		
218.54	221.59	3.05	2.90	95	1.37	45	MS	FR		
221.59	224.69	3.10	2.91	94	0.87	28	MS	FR		
224.69	227.68	2.99	3.04	102	1.34	45	MS	FR		
227.68	230.12	2.44	2.44	100	0.24	10	W	FR	EOH @ 230.12	

SAMPLE LOG

HOLE: KL-11-51

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	7.91	7.91	3.00	38	K973220	1					
7.91	10.90	2.99	3.00	100	K973221	1					
10.90	14.06	3.16	3.00	95	K973222	1					
14.06	17.21	3.15	3.00	95	K973223	1					
17.21	20.04	2.83	2.75	97	K973224	1					
20.04	22.97	2.93	2.87	98	K973225	1					
					K973226	1					Standard ME-16
22.97	25.40	2.43	1.17	48	K973227	1					
25.40	26.28	0.88	0.88	100	K973228	1					
26.28	28.48	2.20	2.20	100	K973229	1					
28.48	30.83	2.35	1.30	55	K973230	1					
30.83	31.75	0.92	0.92	100	K973231	1					
					K973232	1					Blank
31.75	34.98	3.23	3.00	93	K973233	1					
34.98	36.52	1.54	1.50	97	K973234	1					
36.52	38.21	1.69	1.65	98	K973235	1					
38.21	39.62	1.41	1.41	100	K973236	1					
39.62	42.58	2.96	3.00	101	K973237	1					
42.58	44.23	1.65	1.65	100	K973238	1					
44.23	46.75	2.52	1.00	40	K973239	1					Poor recovery
					K973240	1					Blank
46.75	49.69	2.94	3.00	102	K973241	1					
49.69	52.59	2.90	2.90	100	K973242	1					
52.59	55.57	2.98	2.98	100	K973243	1					
					K973244	1					Standard ME-16
55.57	57.97	2.40	2.26	94	K973245	1					
57.97	59.07	1.10	1.10	100	K973246	1					
59.07	62.26	3.19	3.00	94	K973247	1					
62.26	64.40	2.14	2.10	98	K973248	1					
64.40	65.93	1.53	1.56	102	K973249	1					
					K973250	1					Duplicate
65.93	66.87	0.94	0.94	100	K973251	1					
66.87	67.72	0.85	0.76	89	K973252	1					
67.72	68.90	1.18	1.18	100	K973253	1					
68.90	69.88	0.98	0.80	82	K973254	1					
69.88	70.71	0.83	0.83	100	K973255	1					
70.71	71.67	0.96	1.00	104	K973256	2					
71.67	73.67	2.00	1.87	94	K973257	2					
73.67	74.31	0.64	0.66	103	K973258	2					
74.31	77.62	3.31	3.00	91	K973259	2					
77.62	80.42	2.80	2.57	92	K973260	2					
80.42	81.14	0.72	0.77	107	K973261	2					
81.14	81.66	0.52	0.52	100	K973262	2					
					K973263	2					Blank
81.66	82.29	0.63	0.63	100	K973264	2					
82.29	83.51	1.22	1.22	100	K973265	2					
83.51	86.50	2.99	3.00	100	K973266	2					
86.50	89.52	3.02	3.10	103	K973267	2					
					K973268	2					Standard ME-16
89.52	90.52	1.00	0.95	95	K973269	2					
90.52	92.27	1.75	1.62	93	K973270	2					
92.27	95.05	2.78	1.46	53	K973271	2					
95.05	96.27	1.22	1.22	100	K973272	2					
96.27	97.20	0.93	0.94	101	K973273	2					
97.20	98.30	1.10	1.16	105	K973274	2					
98.30	99.03	0.73	0.72	99	K973275	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
			2.10		K973276	2					Blank
99.03	101.36	2.33	2.10	90	K973277	2					
101.36	103.02	1.66	1.66	100	K973278	2					
103.02	105.03	2.01	2.00	100	K973279	2					
105.03	107.92	2.89	2.89	100	K973280	2					
107.92	109.57	1.65	1.65	100	K973281	2					
109.57	111.23	1.66	1.66	100	K973282	2					
					K973283	2					Standard ME-16
111.23	112.77	1.54	1.50	97	K973284	2					
112.77	115.72	2.95	2.95	100	K973285	2					
115.72	118.64	2.92	2.92	100	K973286	2					
118.64	120.35	1.71	1.71	100	K973287	2					
					K973288	2					Duplicate
120.35	121.25	0.90	0.90	100	K973289	2					
121.25	124.31	3.06	3.00	98	K973290	2					
124.31	126.10	1.79	1.80	101	K973291	2					
126.10	127.10	1.00	1.00	100	K973292	3					
127.10	129.98	2.88	2.80	97	K973293	3					
129.98	133.46	3.48	3.00	86	K973294	3					
133.46	134.91	1.45	1.43	99	K973295	3					
134.91	135.83	0.92	1.00	109	K973296	3					
					K973297	3					Standard ME-16
135.83	138.24	2.41	2.51	104	K973298	3					
138.24	138.71	0.47	0.50	106	K973299	3					
			.		K973300	3					Blank
138.71	140.21	1.50	0.95	63	K973301	3					
140.21	141.18	0.97	0.82	85	K973302	3					
141.18	142.07	0.89	0.92	103	K973303	3					
142.07	143.09	1.02	0.91	89	K973304	3					
143.09	145.60	2.51	2.20	88	K973305	3					
145.60	146.54	0.94	0.97	103	K973306	3					
146.54	148.22	1.68	1.68	100	K973307	3					
148.22	149.97	1.75	1.69	97	K973308	3					
149.97	151.34	1.37	1.31	96	K973309	3					
					K973310	3					Standard ME-16
151.34	153.40	2.06	2.17	105	K973311	3					
153.40	155.34	1.94	1.90	98	K973312	3					
155.34	156.14	0.80	0.80	100	K973313	3					
156.14	158.03	1.89	1.60	85	K973314	3					
158.03	161.10	3.07	3.07	100	K973315	3					
161.10	164.15	3.05	3.05	100	K973316	3					
164.15	166.79	2.64	2.64	100	K973317	3					
					K973318	3					Duplicate
166.79	169.90	3.11	2.63	85	K973319	3					
169.90	171.30	1.40	1.40	100	K973320	3					
					K973321	3					Blank
171.30	173.48	2.18	2.18	100	K973322	3					
173.48	174.09	0.61	0.61	100	K973323	3					
174.09	177.56	3.47	3.47	100	K973324	3					
177.56	178.16	0.60	0.60	100	K973325	3					
178.16	179.05	0.89	0.89	100	K973326	3					
179.05	181.97	2.92	2.95	101	K973327	3					
181.97	182.83	0.86	0.86	100	K973328	4					
182.83	184.28	1.45	1.45	100	K973329	4					
184.28	186.11	1.83	1.92	105	K973330	4					
186.11	187.54	1.43	1.49	104	K973331	4					
187.54	188.36	0.82	0.72	88	K973332	4					
188.36	189.76	1.40	1.27	91	K973333	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
189.76	192.26	2.50	2.50	100	K973334	4					
192.26	194.46	2.20	2.20	100	K973335	4					
					K973336	4					Standard ME-16
194.46	197.20	2.74	2.94	107	K973337	4					
197.20	199.22	2.02	2.02	100	K973338	4					
199.22	199.82	0.60	0.59	98	K973339	4					
199.82	201.81	1.99	1.96	98	K973340	4					
201.81	202.45	0.64	0.59	92	K973341	4					
					K973342	4					Blank
202.45	205.37	2.92	3.00	103	K973343	4					
205.37	208.39	3.02	3.00	99	K973344	4					
					K973345	4					Blank
208.39	209.79	1.40	1.35	96	K973346	4					
209.79	210.24	0.45	0.45	100	K973347	4					
210.24	213.18	2.94	3.00	102	K973348	4					
213.18	215.30	2.12	1.95	92	K973349	4					
215.30	215.98	0.68	0.69	101	K973350	4					
215.98	218.76	2.78	2.82	101	K973351	4					
218.76	220.13	1.37	1.37	100	K973352	4					
					K973353	4					Blank
220.13	222.82	2.69	2.71	101	K973354	4					
					K973355	4					Duplicate
222.82	224.69	1.87	1.60	86	K973356	4					
224.69	225.22	0.53	0.52	98	K973357	4					
225.22	226.04	0.82	0.82	100	K973358	4					
226.04	226.65	0.61	0.59	97	K973359	4					
226.65	228.11	1.46	1.33	91	K973360	4					
228.11	228.61	0.50	0.50	100	K973361	4					
228.61	230.12	1.51	1.44	95	K973362	4					
											EOH 230.12m
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							
0.00		0.00		####							

DENSITY LOG

Hole: **KL-11-51**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-51

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00				OVB
3.00				OVB
4.00				OVB
5.00			0.354	
6.00			0.655	
7.00			0.532	
8.00			0.591	
9.00			13.39	
10.00			0.762	
11.00			18.24	
12.00			0.684	
13.00			0.4	
14.00			2.919	
15.00			0.308	
16.00			0.506	
17.00			0.835	
18.00			0.821	
19.00			6.836	
20.00			6.708	
21.00			8.953	
22.00			0.746	
23.00			0.206	
24.00			0.426	
25.00			0.574	
26.00			0.346	
27.00			0.629	
28.00			0.606	
29.00			0.558	
30.00			0.676	
31.00			0.311	
32.00			0.655	
33.00			0.502	
34.00			0.474	
35.00			0.716	
36.00			0.668	
37.00			1.273	
38.00			0.731	
39.00			0.183	
40.00			0.443	
41.00			0.882	
42.00			1.049	
43.00			1.516	
44.00			1.017	
45.00			2.267	
46.00			1.807	
47.00			3.247	
48.00			7.463	
49.00			28.18	
50.00			7.675	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			1.524	
52.00			22.19	
53.00			12.92	
54.00			17.83	
55.00			23.69	
56.00			26.85	
57.00			20.81	
58.00			22.76	
59.00			0.721	
60.00			1.316	
61.00			8.434	
62.00			17.76	
63.00			16.42	
64.00			0.643	
65.00			6.092	
66.00			0.493	
67.00			0.266	
68.00			13.39	
69.00			1.474	
70.00			2.893	
71.00			0.387	
72.00			10.66	
73.00			11.31	
74.00			0.603	
75.00			0.628	
76.00			0.632	
77.00			9.772	
78.00			9.789	
79.00			0.463	
80.00			0.703	
81.00			0.548	
82.00			0.891	
83.00			0.902	
84.00			1.144	
85.00			19.24	
86.00			17.38	
87.00			1.424	
88.00			1.088	
89.00			0.571	
90.00			0.425	
91.00			1.46	
92.00			0.235	
93.00			0.391	
94.00			0.964	
95.00			9.956	
96.00			0.377	
97.00			0.268	
98.00			0.458	
99.00			0.373	
100.00			21.11	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.802	
102.00			1.077	
103.00			12.54	
104.00			2.952	
105.00			4.216	
106.00			0.514	
107.00			0.549	
108.00			18.73	
109.00			0.7	
110.00			10.06	
111.00			3.459	
112.00			0.521	
113.00			9.227	
114.00			1.492	
115.00			13.99	
116.00			4.4	
117.00			16.85	
118.00			0.363	
119.00			15.82	
120.00			6.5	
121.00			49.79	
122.00			1.267	
123.00			0.464	
124.00			0.488	
125.00			1.23	
126.00			0.59	
127.00			5.744	
128.00			15.79	
129.00			15.35	
130.00			26.9	
131.00			23.46	
132.00			28.89	
133.00			22.61	
134.00			10.42	
135.00			11.15	
136.00			13.14	
137.00			4.712	
138.00			0.422	
139.00			1.081	
140.00			0.71	
141.00			0.771	
142.00			0.568	
143.00			0.402	
144.00			0.896	
145.00			8.614	
146.00			0.783	
147.00			0.467	
148.00			0.34	
149.00			0.643	
150.00			0.558	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.579	
152.00			0.112	
153.00			0.12	
154.00			0.181	
155.00			1.515	
156.00			1.317	
157.00			0.895	
158.00			0.18	
159.00			0.204	
160.00			0.198	
161.00			0.245	
162.00			0.197	
163.00			0.22	
164.00			0.168	
165.00			0.36	
166.00			0.249	
167.00			0.319	
168.00			0.236	
169.00			0.245	
170.00			0.522	
171.00			0.282	
172.00			0.369	
173.00			0.272	
174.00			0.332	
175.00			0.442	
176.00			0.363	
177.00			0.278	
178.00			0.295	
179.00			0.703	
180.00			0.249	
181.00			0.373	
182.00			0.359	
183.00			8.806	
184.00			0.888	
185.00			0.305	
186.00			0.489	
187.00			0.252	
188.00			0.462	
189.00			0.166	
190.00			0.167	
191.00			0.642	
192.00			0.68	
193.00			0.859	
194.00			0.882	
195.00			1.251	
196.00			7.31	
197.00			0.556	
198.00			3.939	
199.00			0.889	
200.00			0.444	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.509	
202.00			0.267	
203.00			10.63	
204.00			0.577	
205.00			12.71	
206.00			16.03	
207.00			13.34	
208.00			0.741	
209.00			0.361	
210.00			0.428	
211.00			12.06	
212.00			5.634	
213.00			14.28	
214.00			2.488	
215.00			1.56	
216.00			0.486	
217.00			0.419	
218.00			10.47	
219.00			0.175	
220.00			0.347	
221.00			0.297	
222.00			0.493	
223.00			18.91	
224.00			0.797	
225.00			0.845	
226.00			32.85	
227.00			15.88	
228.00			3.317	EOH @ 230.12m

BOX LOG

HOLE: KL-11-51

BOX	FROM (m)	TO (m)
1	0.00	8.48
2	8.48	12.72
3	12.72	16.73
4	16.73	20.42
5	20.42	24.25
6	24.25	28.05
7	28.05	31.96
8	31.96	35.94
9	35.94	39.85
10	39.85	43.60
11	43.60	46.99
12	46.99	50.63
13	50.63	54.68
14	54.68	58.60
15	58.60	62.75
16	62.75	66.64
17	66.64	70.58
18	70.58	74.70
19	74.70	78.75
20	78.75	82.61
21	82.61	86.50
22	86.50	90.52
23	90.52	94.60
24	94.60	98.10
25	98.10	102.35
26	102.35	106.12
27	106.12	110.09
28	110.09	113.98
29	113.98	117.96
30	117.96	122.29
31	122.29	126.16
32	126.16	130.15
33	130.15	134.15
34	134.15	138.10
35	138.10	142.11
36	142.11	146.26
37	146.26	150.13
38	150.13	153.40
39	153.40	156.93
40	156.93	159.47
41	159.47	164.17
42	164.17	167.81
43	167.81	171.75
44	171.75	175.71
45	175.71	179.59
46	179.59	183.51
47	183.51	187.29
48	187.29	190.14
49	190.14	194.16
50	194.16	198.03
51	198.03	202.06
52	202.06	206.30
53	206.30	210.04
54	210.04	213.89
55	213.89	217.68
56	217.68	221.33
57	221.33	225.32
58	225.32	229.00
59	229.00	230.12
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382899.83	6890026.7	1381.487	319.13

SECTION:

HOLE: DDH-KL-11-52

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ (319.13 m / EOH)

Casing depth: 1.22 (m) in / **OUT**

Drilling dates: August 04 - 07, 2011

Geology logged by: Nick Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	197.21	37.2	-50.5	Ranger
44.8	35.7	-50.1	Ranger	227.69	37.5	-50.8	Ranger
105.77	36.7	-50.3	Ranger	288.65	37	-50.9	Ranger
166.73	35.3	-50.6	Ranger	319.13	38.6	-50.8	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	1.22		CAS	Casing
1.22	15.38		GRD	Oxidized unaltered to propylitic altered granodiorite
15.38	63.07		GRD	Variable propylitic > phyllic > argillic alteration; qtz, qtz-carbonate, limonite veining. Minor Py, Sp, Gn mineralization
63.07	125.91		GRD	Phyllic > argillic > propylitic alteration with qtz, qtz-carbonate veining hosting moderate-strong Py, Sp, Gn
125.91	171.90		GRD	Intense phyllic alteration with frequent mineralization, veining, gouge, and breccias
171.90	225.68		GRD	Variable propylitic, phyllic,argillic alteration; qtz, qtz-carbonate, veining and several breccia zones. Weak to strong Py, As, Sp, Gn mineralization
225.68	235.55		POR	Quartz-feldspar porphyry dyke
235.55	241.89		GRD	Propylitic alteration with veins
241.89	247.19		POR	Quartz-feldspar porphyry dyke
247.19	311.5		GRD	Variable propylitic, phyllic,argillic alteration; qtz, qtz-carbonate, veining and several breccia zones. Moderate to strong Py, Sp, As, Gn mineralization
311.5	319.13		GRD	Propylitic > phyllic = argillic alteration; calcite veining

SAMPLES

Numbers: K972064-K9727139; K927144-K972250; K972636-K972673

Total: 221

Batch: B1-B7

Date Sent:

Certificate: WH11176277, WH11177049, WH11177333, WH11177335, WH11177340, WH11182225, WH11182228

COMMENTS

GEOLOGY LOG

HOLE: 0

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	1.22					CAS																					CASING - No recovery
1.22	15.38					GRD	BN-WH-BK					s	prop	w													UNALTERED - WEAK PROPYLITIC ALTERED GRANODIORITE - OXIDIZED. Strong oxidation of unaltered GRANODIORITE and weakly propyllitic altered granodiorite. Calcite and limonite veins frequent. Limonite staining on fractured surfaces 5% patchy moderate-strong argillic alteration. Less oxidation moving downhole.
															VT	30-45	<.3	5									
15.38	46.23					GRD	DKGN-BG-LTGN	PA		ms		m-s	prop	s													VARIABLE PROPYLITIC > ARGILLIC > PHYLLIC ALTERATION. Metre scale patches of propylitic > argillic > phyllic alteration. Metre scale pervasive oxidation patches; limonite staining on fracture surfaces. Milky white quartz sulphide veins host mineralization (described below). Calcite veinlets frequent
						VEN	WH								VN	80-90	1-11	.5	see below								
						VEN	WH								VT	20-80	<.2										
			23.38	23.39		VEN	BK-WH	MA							VT	75	<.6										SPHALERITE VEIN. Black massive blackjack sphalerite hosted in grey quartz veinlet with ?tourmaline? on vein rims
								MA														<95					
			24.51	24.62		VEN	WH-GN	BX							VN	85	11										SPHALERITE-GALENA-QTZ VEIN. White grey with green grey quartz brecciated milky quartz vein hosting blackjack sphalerite blebs <5mm and blebs of galena <4mm
								BL														m	f				
			26.52	27.80		GRD	BR-ON-GN					s															PISTACHIO green core oxidized throughout. Disseminated to blebby black tourmaline
			30.09	30.15		VEN	OR-WH-GR	BX							VN	85	6										QUARTZ VEIN. Milky white and grey brecciated quartz vein cross-cut by shallow dipping grey quartz veinlet. Pervasive oxidation gives orange colour
			38.77	38.90		VEN	WH-BK	BN					ms														SPHALERITE-QUARTZ VEIN. Translucent black thinly banded (<2mm) quartz veining with blebby blackjack sphalerite along rims. Beigey zoned chalcedony vein cross-cut by 45 degree massive calcite vein 5mm of offset
						VEN	WH	MA							VN	90	2										
															VT	45	.5										
			41.76	42.43		VEN	YW-WH								VT	2-50	<.3	20									LIMONITE VEINLETS. Yellow limonite-qtz veinlets frequent. Translucent quartz veinlet horizontal to core axis is cross-cut by these veinlets

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
						GRD	DKGN	MA					prop	s														
46.23	50.90					GRD	RD-LTGN-BG	PA	s	s		s	pot	ms													OXIDIZED PATCHY PHYLLIC-ARGILLIC ALTERATION. Patchy strong phyllic-argillic alteration in ~50cm intervals. Phyllic alteration = envelopes around mineralized quartz veining. Pervasive oxidation throughout. Moderate-strong pink patches of potassic alteration at end of interval
			46.45	46.49		VEN	BK-WH	BN							VN	85	2					m					SPHALERITE-QUARTZ VEIN. Black and white medium banded (<5mm) quartz-sulphide vein hosting blackjack sphalerite in black fine grained massive sulphides
			47.60	48.07		GRD	LTGN-OR-PK	EN	s			ms															ZONE OF STRONG PHYLLIC ALTERATION WITH PYRITE VEINS. Light green strong phyllic envelope with translucent massive quartz veinlets and veins hosting stringy and blebby pyrite. Pervasive oxidation throughout. Disseminated pyrite throughout
						VEN		MA							VT-VN	60-90	.5-1.3										
								DI												f							
								BL-ST												m							
50.90	63.07					GRD	DK-LTGN-PK	MA	ms			ms	prop	m-s													PROPYLITIC (~80%) > PHYLLIC (~20%) ALTERATION. Dark green, light green alternating propylitic-phyllic? alteration w/ minor soft argillic patches. White quartz veinlets common, some pyrite-sphalerite mineralization in white quartz veining
															VT	45-90	<.5										
			59.80	60.04		VEN	WH	MA							VN	75	<3										PYRITE-SPHALERITE-QUARTZ VEIN. White massive quartz veins hosting disseminated pyrite and blebby blackjack sphalerite in black sulphides within vein
								DI												f		f?					
63.07	80.48					GRD	LTGN-GY	MA	s	s																	STRONG PHYLLIC ALTERATION WITH SULPHIDE MINERALIZATION. Light green strong phyllic alteration with strong clay alteration along fractures ~gougey throughout. Black massive fine grained sulphide veins common. Several massive galena veins. Pyrite and honey brown sphalerite stringers common. Frequent white calcite veinlets in fractures. Milky white-translucent quarts veins infrequent
						VEN	BK	MA							VN	0-45	<2										
						VEN	WH	MA							VT	0-90	<.2										
						VEN	WH	MA							VN												

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Other		Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Other			
													Type	Intensity										Type	Intensity		
								DI												w							
			66.74	68.00		VEN	WH	MA							<VN	75	<1.3										SPHALERITE-QUARTZ VEINLETS AND VEINS. Massive milky quartz veins hosting fair to strong blebby blackjack sphalerite.
			69.35	69.36		VEN	BN-WH	BN							VN	80	1										Honey brown blackjack sphalerite hosted in smokey quartz vein with disseminated pyrite
								BL														I				
			69.70	70.10		GRD	RD-BG	MA					ARG	s													RED STAINED ARGILLIC ALTERATION. Pervasive hematite?
			72.33	73.65		GRD	GY-GN	GO	s	s	ms																GOUGEY PHYLLIC ALTERATION; INTENSE SULPHIDE VEINLETS. Grey-green strong phyllic alteration with strong clay alteration in fractures - overall gougey. Very frequent black fine grained sulphide veinlets forming banded texture with respect to core. Strong disseminated pyrite-arsenopyrite associated with veinlets. One zone of beige-black sulphide-chalcedony- smokey quartz veining hosting moderate strong disseminated pyrite and honey brown blebby sphalerite. Disseminated fair pyrite throughout interval
						VEN	BK	MA							VT	45-90	30+			<s	<s?						
						VEN	WH-GY	MA							VN	70	2										
			74.35	77.19		GRD	GY-LTGN	GO	s	s																	GOUGEY PHYLLIC ALTERATION GRANODIORITE. Increased clay alteration along fractures. Two shallow dipping ~1cm black fine grained massive sulphide- smokey quartz veins occur in interval. No visible mineralization
						VEN	BK	MA							VN	10-35	~1										
			77.80	78.19		2x VEN	BK	BN							VN	60	1,3			m		w?					THREE VEINS. Two black-beige banded veins 1cm and 3cm thick hosting dissiminated pyrite. One beige translucent quartz brecciated hosting chalcedony vein. No mineralization in this vein
						VEN	BG	BX							VN	60	<1										
			78.90	79.25		VEN	MT-BK	MA												<ms	<w	<80	<80				MASSIVE GALENA AND SPHALERITE VEINS. Three metallic grey and brown massive galena and honey brown sphalerite veins 0.8cm, >2CM, 2.5cm thick. Lower vein also hosts semi-massive moderate-strong pyrite and fair blebby arsenopyrite. Beige netted chalcedony veining cross-cuts upper two veins and creates overall brecciated texture in interval
						VEN	BG	NE																			
			79.73	79.95		VEN	BG	NE							VN	80-90	<5										CHALCEDONY VEINING. Beige massive chalcedony veining with brecciated phyllic altered granodiorite (clasts ~0.5cm). Two large veins 3cm and 5cm thick and intense veinlets. No mineralization observed

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Other Type	Other Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Other Type	Other Intensity		
80.48	118.62					GRD	DKGN-LTGN	MA	s				prop	s													PHYLLIC > PROPYLITIC ALTERNATING ALTERATION. Light green phyllic alteration 1m-3m wide alternating with dark green propylitic alteration. Minor argillic patches <50cm throughout. Beige netted chalcedony veining common in phyllic alteration; calcite veins and veinlets common. Quartz-carbonate veining hosting sulphide mineralization infrequent and found in phyllic envelopes (see below for descriptions)
							WH	MA							VT	20-30											
							BG	NE								80-90											
			84.73	85.09		VEN	WH-BG	NE, VU							VN	85											QUARTZ-CHALCEDONY-CARBONATE VEINING WITH MINERALIZATION. Milky white netted, vuggy qtz-carb-beige Ch veining hosting moderate-strong massive blackjack sphalerite, galena, py strings
								ST												f	ms	ms					
			89.78	90.22		VEN	BK-GY	BN							VN	20	3										SPHALERITE-HEMATITE VEIN. Black, red thick banded massive blackjack sphalerite-sulphide vein within massive quartz-carbonate vein. Red hematite 'blebs' in sphalerite vein. Pyrite stringers mark vein contacts, blebby pyrite within quartz vein
								MA														80?					
								ST													m						
								BL													m						
			91.14	91.72		GRD	LTGN		s	s					FT?	40											GOUGEY PHYLLIC ALTERED GRANODIORITE. FAULT? Light green strong phyllic alteration with clay alteration along factures. Balck sulphide veinlet marks upper contact
			93.65	93.71		VEN	WH-BK	BN							VT	45	.3										TWO VEINLETS. Beige chalcedony veinlet and grey white quartz carbonate veinlet hosting string of sphalerite
								ST														ms					
			96.47	100.94		VEN	BG	NE							VT-VN	70-90	.2-3										NETTED CHALCEDONY VEIN ZONE IN PHYLLIC ENVELOPE. Beige massive veinlets and netted veins of chalcedony ~16 total in interval. At top of interval is smoky quartz veining with stringy and blebby pyrite. Chalcedony veins host brecciated phyllic altered granodiorite clasts <2cm; veins occasionally vuggy. Pyrite stringers infrequent, shallow dipping
						VEN	BK-GY	BN							VN	75	2.5			m							
						GRD	LTGN-YW	EN	s																		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			100.94	105.90		GRD	DKGN-BG	MA					ARG/PROP	ms/s													PROPYLITIC > ARGILLIC ALTERATION. Dark green strong propylitic? Alteration with 60cm of silicification with moderate-strong argillic alteration downhole. Massive calcite veinlets - veins throughout. Propylitic alteration could be overprinted with phyllic alteration (presence of strong serecite). Patch of pyrite mid-interval
						VEN	WH	MA							VT	50	<1										
								PA												f							
			105.90	108.94		GRD	DK-LTGN	MA																			PHYLLIC ENVELOPE, SULPHIDE VEINS. Light to dark green strong phyllic and ?propylitic overprinted with phyllic? alteration. Calcite veinlets common. Two mineralized veins. Upper: pink chalcedony banded with smoky qtz hosting moderate disseminated pyrite and sphalerite. Lower: massive smoky quart with strong blebby pyrite <3mm, honey brown sphalerite and blotchy chalcedony. Pyrite stringers occur around vein.
															VN												
								BL												m		f	t				
			108.94	118.31		GRD	LT-DKGN	PA	ms-s				prop	ms													PATCHY PHYLLIC > PROPYLLITIC ALTERATION. Calcite veins throughout. Sulphide-pyrite veinlets run along core axis for ~1m Disseminated pyrite found proximal to black stringers. Sphalerite (honey brown) veinlet @ 117.85m
			117.85												VT		.4					100					
118.31	125.91					GRD	GN	MA					prop	m													PROPYLITIC ALTERATION. Dark green moderate propylitic alteration with calcite veinlets. Minor patches of phyllic alteration
															VT	0-90	<.8										
			124.83	125.07		VEN	BK								VT	0	.2			m							PYRITE STRINGER horizontal to core axis

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
125.91	171.90					GRD	LTG N-YW	BX	s	s			ser	s													INTENSE PHYLLIC ALTERATION WITH FREQUENT MINERALIZED VEINING, GOUGE, AND BRECCIAS. Overall greyish light green strong to intense phyllic alteration with zones of strong serctitic alteration and silicification. Overall, zone is gougey having clay alteration along fractures as well as multiple metre scale patches of soft, dark grey clay altered gouge zones. Heterolithic breccia zones 2cm-150cm occur througout. Quartz, quartz-carbonate and massive calcite veins common througout with increase concetration in breccia zones. Disseminated pyrite occurs throughout interval and is strongest in association with dark grey-black sulphides. Blebby semi-massive and massive pyrite also very common and associated with veining and in brecciated clasts and matrix. Minor blebby honey brewon sphalerite is observed in some breccia zones (as well as disseminated arsenopyrite?). Blocky galena observed in some breccia zones
								GO																			
								MA																			
						VEN	WH												see below								
						VEN	BG																				
			126.20	126.30		(2X) VEN	MT-WH	MO	s		ms				VN	70-90	<1.5			f		f	85				SILCEOUS PHYLLIC ALTERATION, TWO MASSIVE GALENA-QTZ VEINS. Translucent quartz veins (2X) hosting massive galena strings (5mm) and mottled honey brown sphalerite and pyrite. Blebby pyrite 3mm-8mm and disseminated pyrite. Siliceous hosts blebs of blackjack sphalerite <6mm, weak pyrite <5mm; 1cm offset?
						VEN	WH								VN	90	3.5			w		f					
			129.98	130.10		GO	GY-LTG N	SH	ms	s					FT?	?											GOUGE. Beige, light green phyllic altered GRANODIORITE with strong clay alteration (dark grey). Blebby to semi-massive pyrite strong throughout
								BL-MA												s							
			130.50	132.29		VEN	PK	MA							VN	45	<1	2									CHALCEDONY VEINS, QUARTZ-SPHALERITE VEINS. Zones of light green strong phyllic alteration with pink massive chalcedony veinlets and veins as well as several white quartz veinlets and veins hosting moderate-strong honey brown sphalerite blebbs and pyrite creating mottled texture
						VEN	WH	MO							VN	60,90	<1.2	.5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
								BL												ms		ms					
			132.29	133.78		GRD	LTG N-GY	GO	s	ms																	GOUGEY PHYLLIC ALTERED GRANODIORITE. Light green strong phyllic altered granodiorite with moderate-strong dark grey clay alteration along fractures and in patches. Disseminated to large blebs of pyrite throughout (moderate-strong). Some core without gougey texture. Several beige or pink veinlets one beige-orange quartz-carbonate vein hosts moderate blebby sphalerite <6mm. Pyrite and sphalerite stringers proximal to vein
								BL												ms							
						VEN	PK-BG	MA							VN	90	<1										
								BL																f-ms			
								MA							VT					I				I			
			134.09	139.00		GRD	GY-GN	MA	s				ser	s													PHYLLIC-SERICITIC ALTERATION WITH GOUGE PYRITE STRINGERS. Light-dark grey gougey sercitic alteration patches with strong phyllic alteration? Disseminated blebby to semi-massive pyrite throughout; pyrite stringers with several sphalerite stringers occur - some pyrite strings <6mm thick
								GO																			
								DI-BL											ms								
			139.00	142.36		GRD	LTG N	MA																			STRONG PHYLLIC ALTERATION. Intense white quartz v.einlets and beige chalcedony veinlets. Trace sphalerite in chalcedony veinlets. Gougey fractures
															VT	0-90						t				
			142.36	147.33		GO/ GRD	LTG N-GY	GO	s	s			ser	s													GOUGE-GOUGEY PHYLLIC ALTERED GRANODIORITE/ SERECITIC GRANODIORITE. Light green strong phyllic alteration; competent core with soft beige- dark grey clay along fractures. Patchy serecitic alteration throughout. Zones of beige clayey gouge have <2cm clasts of phyllic altered granodiorite. Disseminated to patchy pyrite throughout interval; pyrite weakest in gouge zones. Several massive smoky quartz veins - no mineralization- frequent smoky quartz veinlets toward bottom of interval
						VEN	BK								VT-VN	10-90		0-20									
						VEN	PK																				
								DI-BL												m-l							

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			147.33	148.11		GRD/GO	GY-GN	BX-SH	s	s																	GOUGEY, SEMI-BRECCIATED PHYLLIC ALTERED GRANODIORITE. Dark grey, white, beige 'streaky' gouge in fractured phyllic altered granodiorite. Beige chalcedony veinlets and quartz veins are discontinuous and in all orientations. Disseminated pyrite in grey clay is greater than in phyllic altered granodiorite
															VT	0-90											
			148.11	150.11		BXA	BK	BX																			GOUGE WITH BLACK BRECCIA. Soft dark grey clay with moderate-strong disseminated pyrite (gouge). Gouge has shallow conatct with black breccia Breccia: clasts of phyllic altered granodiorite and grey quartz? <2cm in black fine grained matrix hosting large blebs of pyrite. granodiorite clasts host diss pyrite
						GO	DKGY			s																	
								DI												m-s							
								PA												m							
			150.11	156.09		BXA	DKGY	BX																			GREY BRECCIA. Large clasts of phyllic altered granodiorite <4cm, beige chalcedony veins <2cm as well as fractured massive white calcite veins < 2cm thick (and covering <50cm of core) and veinlets in grey silicified matrix hosting moderate disseminated to blebby pyrite. Pyrite strength increases to moderate-strong near bottom of interval, blebs larger (<1cm). Very gougey with patchy pyrite at bottom of interval
						VEN	WH	MA							VN	10-80	<4										
								DI												m-s							
								BL												m-s							
			156.09	160.63		GRD	LTGN-GY	GO																			GOUGEY ZONES AND MINOR BRECCIATION IN PHYLLIC ALTERATION. Light green strong phyllic alteration with patchy dark grey clay gouge and minor patches of brecciated phyllic altered granodiorite in sulphide veining. Disseminated to coarse, euhedral pyrite throughout interval with increased concentration in grey gouge. Gouge zones often run along core axis
								BX																			
								DI												s							
								BL												ms							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			164.17	166.09		BXA	BK-GY	BX								45											BLACK BRECCIA. Clasts of phyllic altered granodiorite <4cm, beige-pink chalcedony vein <6cm, smoky quartz <2cm in black fine grained silicified or soft matrix hosting disseminated to large blebs of pyrite <1cm. Pyrite is strong to intense. Fair blebby honey brown sphalerite occurs with beige quartz veins. Fair blocky galena occurs in matrix. Lower contact with phyllic altered granodiorite runs along core axis for 60cm. Quartz-carbonate vein cross-cuts zone?
								BL												s-l		f	f				
								DI												ms							
			167.41	168.31		GO	BG-GY	SH	S	S																	GOUGE. Clasts of phyliic altered granodiorite <6cm in beige clayey matrix. Disseminated black sulphides hosting disseminated pyrite
			168.31	169.66		VEN ?	GY-GN-BG	VU, BX																			VEIN/SILICA FLOODING? Zone of massive smoky quartz veining or silica flooding. Within zone sulphide veinlets ?cross-cut? Beige chalcedony veins., pyrite stringes <5mm run in sulphide veins. Phyllic altered granodiorite is brecciated.Disseminated pyrite in granodiorite. Pyrite stringers and beige chalcedony veining ocurs below smoky qtz veining zone
								ST												ms							
171.90	177.38					GRD	DK-LTGN	PA	s				prop	s													PROPYLITIC > PHYLLIC ALTERATION. Light green, dark green alternating patchy phyllic-propylitic alteration with 5% argillic alteration. Phyllic zones yellowish with serecite. Beige-pink quartz-chalcedony veinlets and two 1cm veins are enclosed in phyllic envelopes. Several shallow sphalerite stringers occur
															VT	60-90											
															VN	85	1										
117.38	206.68					GRD	LTGN-BG	MA-GO																			STRONG PHYLLIC ALTERATION, FREQUENT QTZ-SULPHIDE VEINS. Massive to gougey phyllic altered granodiorite with minor argillic and serecitic zones. Quartz, quartz-sulphide, quartz-carbonate, and carbonate veining throughout. Massive sulphide mineralization common
						VEN	BK								VN	0-90	<10										
						VEN	WH								VN					<%		<%					
			177.89	177.92		VEN	BK-BG	BN							VN	90?	3										CHALCEDONY-SULPHIDE VEIN. Beige chalcedony vein with black sulphide rims. No visible mineralization
			178.09	178.72		GO	BG-GN	SH	s	s																	GOUGE. Light green granular phyllic altered granodiorite in soft clayey matrix. Yellow stringers throughout, severalblack sulphide veinlets

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			179.10	179.55		GO	BG-GN	SH	s	s					FT?	45											GOUGE. Light green granular phyllic altered granodiorite in soft clayey matrix; black sulphide vein and smoky quartz vein in gouge (2cm, 1cm). Weak disseminated pyrite throughout zone.
								DI												w							
			179.55	180.41		GRD	LTG N-BG	GO																			MILDLY GOUGEY PHYLLIC ALTERED GRANODIORITE. Phyllic altered granodiorite with patches of weakly clay altered granodiorite. Black stringers throughout. Two beige-pink quartz-carbonate veins. Pyrite stringers infrequent, shallow dipping
							BK								ST	10-20				100							
							BK								ST	60-90											
						VEN	BG-PK								VN	65	<1										
			180.41	181.10		GRD	DKG N	MA					PROP	ms													PROPYLITIC ALTERATION PATCH
			181.10	188.85		GRD	LTG N-YL	~GO	s																		MILDLY GOUGEY PHYLLIC ALTERATION WITH FREQUENT CALCITE AND PINK CHALCEDONY VEINS AND BLEBBY PYRITE-SPHALERITE VEIN. Phyllic altered granodiorite with yellow patches of serecite. Massive white calcite veinlets and veins frequent. Black sulphide stringers and veinlets associated with minor gouge zones. Massive pink-biege chalcedony veins common and offset by calcite veinlets. Black stringers cross-cut chalcedony veins. Large pink chalecdony vein at end of interval fractured <5cm thick? No visible sulphides. One white-smoky quartz vein 5cm thick with beige chalcedony vein. Smoky quartz vein hosts moderate blebby pyrite, sphalerite (honey brown) <6mm. Trace galena. Core very gougey at end of interval
						VEN	PK	MA								10-45											
			182.81	182.87		VEN	WH	MA							VN	75	4										
			185.68	185.75		VEN	GY-WH	BN																			
								BL													m	m					
			188.90	189.54		VEN	BG-BK	BN							VN	~20	>7										CHALCEDONY- SULPHIDE SMOKEY QUARTZ VEIN. Begie-black medium-thick banded chalcedony-sulphide vein, smoky qtz as well. Very large vein bisects core axis (I.e. true width unknown). Minor amounts of brecciated phyllic altered granodiorite in smokey quartz and brecciated smoky quartz and granodiorite in chalcedony vein. No visible sluphides

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Other Type	Other Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Other Type	Other Intensity		
			189.68	190.23		VEN	GY-BK	MA-BN?							VN	?	?										FRACTURED SMOKEY QTZ VEIN AND SHALLOW PYRITE STRINGERS. Broken smokey quartz vein in 20cm of rubley core transitiion to competent core = shallw pyrite veinlet <5mm. Zone moderately gougey, black sulphide veinlets with blebby pyrite at end of interval
						GRD	LTGN	~GO	s						VT	10	<.5			s							
								BL												m							
			190.23	191.44		GRD	LTGN	GO																			GOUGEY PATCH, SULPHIDE VEINLETS, DISSEMINATED PYRITE. Massive pink chalcedony veinlets at beginning of interval. Massive white calcite vein hosts lasts <4cm of phyllic altered granodiorite. Shallow black sulphide stringers occur in greyish gouge at last 50cm of interval. Disseminated pyrite throughout gouge, pyrite stringers at bottom of interval
								DI												t-w							
						VEN	BK								ST	0-10				ms							
						VEN	BG								VT	60-90	<.9										
			197.51	197.60		VEN	BK-GY	BN							VN	80	9										SMOKEY QTZ-SULPHIDE VEIN. Grey black thin banded (<2mm) smokey quartz-sulphide vein greenish-transluent in the middle with beige chalcedony. Blebby to semi-massive pyrite moderate ?sphalerite? disseminated in sulphides? (Massive sulphides occasionally scratch red)
								BL												m							
			195.19	195.24		VEN	WH-BG	BN																			PYRITE-SPHALERITE-QUARTZ VEIN. Large blebs of pyrite, blackjack sphalerite in translucent massive quartz vein
								MA												<45		<25					
			196.35	200.01		VEN	BK-GY	BN							VN		0.5-6			w-ms	m	w-ms					SMOKEY QTZ-SULPHIDE VEIN ZONE. approximately fourteen black grey medium banded smokey quartz-sulphide veins hosting from weak to moderately strong blebby to semi-massive pyrite and disseminated blackjack sphalerite. One vein hosts moderate disseminated arsenopyrite. Several veins banded with pink chalcedony veinlets. Pyrite-sphalerite stringers common. Pink vuggy or massive chalcedony veinlets common Smoky quartz hosts mineralization. Core mildly gougey, vuggy near bottom of interval
						GRD	LTGN-YW	MA	s																		
															ST					80		20					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		DETAILED DESCRIPTION
			200.36	200.87		VEN	GY-BK	MO?			?				VN	20?	>6			<ms							GREY-WHITE QUARTZ VEIN/ SILICA FLOODING? With massive black sulphide veinlets hosting coarse clots of massive pyrite <4cm long. Veining bisects core (I.e. true thickness unknown)
			201.72	203.81		VEN	BK	MA							VN	0-50	<1.5										VEIN ZONE. Massive white calcite veinlets to veins are frequent. Two shallow massive black sulphide smokey quartz veins run along core axis proximal to/ associated with gouge zones. Beige massive chalcedony veinlets to veins common.
							WH	MA								<35	<1										
							BG	MA								30	1										
						GRD	LTG N	GO	s																		
			203.93	204.39		GRD	GY-GN	MA	ms				ser	s													SERICITIC ALTERATION. Moderate disseminated to blebby pyrite in siliceous, serecitic alteration
						VEN	WH-GY	MA			?									<70		m					MASSIVE WHITE QTZ VEIN IN SERECITIC ALTERATION. Coarse blocky pyrite strong to 70% patches and moderate blackjack sphalerite. Large pyrite cubes and dodecahedrons <8mm in rubble. Vein marks serecitic alteration?
			205.00	205.79		GRD	GN-GY	GO	s				ser	m													MASSIVE SULPHIDE VEIN IN GOUGEY PHYLLIC ALTERED GRANODIORITE. Light green-grey weakly gougey granodiorite (phyllic-serecitic) with 10cm massive sphalerite-pyrite hosted in smokey quartz vein. Only traces of smokey quartz visible. Sphalerite has massive texture; pyrite is in semi-massive strings. Disseminated moderate arsenopyrite?
															VT	60	.5										
			205.69	205.75		VEN	BK	MA							VN					<40		<50					
								DI													m?						
206.68	211.88					GRD	LT-DKGN-BG	PA	s				arg/prop	ms/s													PATCHY PHYLLIC-PROPYLITIC > ARGILLIC ALTERATION. White quartz stringers throughout. Several smokey quartz, and carbonate veinlets
															VT	60-90	<.3										
211.88	218.54					GRD	LTG N		ms																		PHYLLIC ALTERATION WITH QUARTZ VEINLETS AND MASSIVE SULPHIDE VEINING. Light green moderate-strong phyllic alteration with translucent quartz veinlets and veins with ~60cm zone of smokey quartz-sulphide and calcite veining
						VEN	WH	MA							VN	35-90	<2										

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			213.31	214.09		VEN	BK-GY-WH	BN							VN		64										SMOKEY QUARTZ-SULPHIDE VEINING Black and grey massive smokey quartz with black sulphide veining hosting disseminated-blebby pyrite <1cm. Massive pyrite veins and stringers proximal to veining. Massive sphalerite and arsenopyrite in smokey quartz. Massive white calcite veins cross-cut quartz veining; bladed calcite along fractures and in vugs. Overall texture is banded, band brecciated (by calcite)
						VEN		VU, MA																			
								BL												m-l		ms?					
								DI													m?						
			215.00	215.15		VEN	WH	MA																			PYRITE-SPHALERITE QUARTZ VEIN. Massive pyrite with blebby sphalerite. Massive pyrite with blebby honey brown sphalerite in white quartz vein. Gougey under vein for 2cm
								MA												40		m					
			216.60	216.61		VEN	WH	MO							VT	80	.5			40		t	t				PYRITE VEINLET. Blebby to semi-massive pyrite in translucent quartz veinlet
			216.97	217.11		VEN	GY-WH	MA							VN	45	<1.2										GREY WHITE MASSIVE quartz vein. No visible sulphides.
			217.94	218.10		VEN	WH-BK	BN									<1.2										Banded smokey quartz vein with weak dissseminated pyrite
								ST												w							
218.54	225.68					GRD	LT-DKGN-BG		s				arg	ms													PATCHY PHYLLIC > PROPYLITIC > ARGILLIC ALTERATION. Light to dark green patchy strong phyllic, propylitic alteration with minor moderate-strong argillic patches. Black stringers frequent. Two red patches ~20cm of pervasive hematite. One massive sulphide-quartz vein described below.
			222.51	222.60		VEN	WH	MO							VN	90	9										MASSIVE SULPHIDE VEIN. White quartz mottled with massive pyrite <60% dissmenated patches of sphalerite and ?arsenopyrite. Beige chalcedony veinlets create banded texture along rims
								MA												<60	m	m					
			224.59	225.68		VEN	GY	MO							VN	40	1										INCREASE IN VEINLETS AND BRECCIATED GRANODIORITE. Beige massive chalcedony veinlets, smokey quartz veinlets. Massive white quartz vein mottled with beige chalcedony. Disseminated pyrite proximal to vein. Phyllic altered granodiorite is silica flooded, grey beige silica flooded granodiorite is brecciated in grey silicified matrix. Smokey quartz veinlets to veins discontinuous (fractured). One vein 2cm (smokey quartz) hosts disseminated pyrite, arsenopyrite, sphalerite. weak blebby sphalerite and disseminated in breccia

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
						GRD	LTG N	BX	s																			
						VEN	BK	MA							VN	80												
															VT	60-85		6									
								DI												m	ms	w						
								BL														w						
			225.68			C		60																				
225.68	235.55					POR	BG-GN	MA		ms																		QUARTZ- FELDSPAR PORPHYRY DYKE. Beige green moderately clay altered. Feldspar phenocrysts altered to clay <6mm
235.55	241.89					GRD	LT-DKGN	PA	ms				prop	ms														PROPYLITIC ALTERATION WITH PHYLLIC ENVELOPES AROUND QUARTZ VEINS. Beige, translucent, smokey quartz veinlets. Several veinlets host pyrite blebs of pyrite. Milky quartz veins (3x) host blebby pyrite <3mm, trace sphalerite flecks. Sulphides in silica flooding at upper contact with porphyry dyke; mineralization described below
															VT	70-90	.2					m						
															VN					m								
			235.55	235.85		VEN	GY-BK	BX			s																	QUARTZ VEINING AND MINERALIZATION. Grey white with beige. Smokey quartz with clasts of grey white qtz, beige chalcedony veins <3cm created banded texture. Overall brecciated texture. Disseminated sphalerite in patches in smokey quartz; moderate to strong blebby to patchy pyrite; disseminated pyrite throughout. Gougey clay altered granodiorite at contact
								DI-BL							VN	90?	30			m-s				s				
			236.20	236.29		VEN	BK-WH	BN																				Black white medium thick banded chalcedony-sulphide vein. Clast of grey quartz and chalcedony in sulphides. Pyrite stringers proximal to vein
								ST												m								
241.89	247.19					POR	BG-GN	MA		m																		QUARTZ FELSPAR PORPHYRY DYKE. Moderate clay alteration.
247.19	277.52					GRD	DKGN-LTGN	MA	ms				prop	m														PROPYLITIC ALTERATION WITH PHYLLIC PATCHES AND ENVELOPES. Dark green moderate propylitic alteration with moderate-strong phyllic patches and envelopes around quartz-sulphide veins. Minor strong argillic patches < 60cm. Breccia zone at top of interval
															VT	60-90	<.9											
						VEN	GY-BK	BN							VN		<9			<s		<s						

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Other		Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Other			
													Type	Intensity										Type	Intensity		
			247.19	247.86		VEN	BK-BG	BX							VN	90	<10											BLACK SULPHIDE VEINS WITH BRECCIATED orange clay altered granodiorite and grey serecitic altered granodiorite clasts. Five veins 2cm-10cm thick. Flow banded texture as well as brecciated texture. Moderate disseminated pyrite throughout veins. Blebby pyrite in phyllic serecite altered granodiorite
								DI												m							
			248.52	248.58		VEN	BZ-WH	BN							VN	90	6										PYRITE-SPHALERITE-ARSENOPYRITE QUARTZ VEIN. Massive vuggy white quartz vein hosting blebby to semi-massive pyrite, large blebs of sphalerite <1cm and weak blebby arsenopyrite. Quartz minor vugs
								VU																			
								BL												s	w	ms					
			255.73	255.79		VEN	WH	MA												<50	w	<80					TWO SPHALERITE-PYRITE QUARTZ VEINS. Massive quartz vein hosting massive sphalerite (blackjack), pyrite and disseminated patches of arsenopyrite (upper vein). Beige chalcedony veinlets occur within vein
			261.91	261.94		VEN	WH-BG	BN							VN	85	2										MASSIVE WHITE QUARTZ VEIN with blebby sphalerite and pyrite (fair)
								BL												f		f					
			263.16	263.42		VEN	BZ	MA							VN	90	26			90	w						LARGE MASSIVE PYRITE VIEN. 26cm massive pyrite hosted in vuggy white quartz vein; Trace chalcopyrite. Vein is 90% pyrite; weak blebby arsenopyrite <6mm; 2cm band of chalcedony in vein zone
			265.55	265.58		VEN	WH	MO							VN	85	1.4			s							TRANSLUCENT QUARTZ VEIN mottled with blebby pyrite trace blebby sphalerite
			265.91	266.02		VEN	GY-BG	BN								85	<2										BANDED QUARTZ VEIN WITH SPHALERITE. Beige, grey thin banded (<4mm) smokey quartz-chalcedony vein hosting blebby sphalerite; disseminated pyrite throughout. vein in strong phyllic envelope
			267.48	267.51		VEN	GY-BG	BN								90	<3										BANDED QUARTZ VEIN WITH SPHALERITE. Beige, grey thin banded (<4mm) smokey quartz-chalcedony vein hosting blebby sphalerite; disseminated pyrite throughout. Veins in strong phyllic envelope
277.52	285.45					GRD	LTGN-YW	MA	s																		PHYLLIC ALTERED GRANODIORITE. Light green, yellow phyllic altered granodiorite, white quartz veinlets common. Weak argillic alteration occurs ~1.5m - phyllic overprinted. Propylitic altered zone ~75cm. One 20cm mineralized quartz vein described below.
															VT	60-85	<.6										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		DETAILED DESCRIPTION
			278.32	278.52		VEN	WH-GY	BN							VN	90	20			m	t?	m	t				QUARTZ-SULPHIDE VEIN. Massive vuggy white quartz with <2cm beige chalcedony bands. Clasts of phyllic altered granodiorite <5cm in white anhydrite? within vein. Blebby sphalerite <1cm; moderate disseminated pyrite. Trace galena and arsenopyrite? Core gougey above vein (30cm)
								VU																			
285.45	311.50					GRD	LTG N-GY-WH	MA	m				arg/ser	m/w													MODERATE ARGILLIC-PHYLLIC WITH WEAK SERECITIC OVERPRINTING. Calcite, quartz, sulphide, pyrite stringers very frequent. Sulphide veins, veinlets with and without mineralization common. Gougey zones frequent 20-200cm, several zones have intense disseminated to coarse pyrite
															VN				see below								
			285.80	286.34		GO	GY-BG			s			arg/ser	m/ms						<25							GOUGE. Clasts of grey argillic-sericitic altered granodiorite in clayey gouge. Coarse grained pyrite and disseminated sulphides in matrix. Crumbley core has <4cm? massive quartz
			286.80	287.20		VEN	BZ	MA							VN	40	7			100							MASSIVE PYRITE VEIN, PYRITE IN GOUGE. Massive coarse pyrite vein 7cm thick. Grey-beige gouge below vein with coarse pyrite
						GO	GY-WH	SH		s			arg	s						<35							
			288.77	291.69		VEN	BK	MA							VT-VN	0-30											BLACK SULPHIDE VEINS WITH DISSEMINATED PYRITE. Zone of shallow dipping black massive fine grained sulphide veins hosting disseminated pyrite (weak-strong). Zone gougey, disseminated pyrite in fractures. Approximately six veinlets and veins
								DI												w-s							
			294.84	295.30		VEN	GY-BK	BX			s?				VN	?	30										QTZ VEINING/ SILCIA FLOODING? Brecciated grey white quartz veining with beige chalcedony veins and white anhydrite veins. Weak to moderate disseminated pyrite throughout. Beige chalcedony vein at top of interval hosts stringy pyrite and trace sphalerite
								DI												w-s							
			297.88	298.61		GO	GY	SH		s			arg/ser	s/ms													GOUGE. Clasts of grey-argillic-serecitic altered granodiorite in clayey gouge. Coarse grained pyrite and disseminated sulphides in matrix. Below gouge is mottled, vuggy pyrite-sulphide vein, and pyrite-chalcedony vein. Both ~1cm thick
						VEN	BK	MO							VN	25	1										
								CG												<60							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			300.84	302.27		GO	GY-BG	SH	s	s			arg	s														GOUGE. Granular clasts of argillic-serecitic altered granodiorite in clayey matrix with black sulphide veining. Weak disseminated pyrite.
															VT	45-90											
			304.84	310.98		GRD	GY-GN	MA, GO																				MILDLY GOUGEY PHYLLIC ARGILLIC ALTERATION WITH FREQUENT SULPHIDE VEINING. Core mostly broken and crumbly. Several sulphide veins hosting disseminated pyrite. Patchy phyllic-argillic throughout
															VN												
															VN	45	<2			I							
311.50	319.13					GRD	DKGN-BG-LTGN	MA					prop	ms														PROPYLITIC > PHYLLIC = ARGILLIC ALTERATION. Dark green moderate-strong propylitic alteration with several massive white calcite veins. Minor zones of phyllic and argillic alteration.
																											EOH @319.13m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-52

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	1.22	1.22	0.00	0	0.00	0	W	EW		Casing
1.22	2.44	1.22	0.25	20	0.00	0	W	EW		Overburden
2.44	4.42	1.98	2.20	111	0.00	0	S	HW		
4.42	8.23	3.81	3.70	97	0.00	0	S	MW		
8.23	11.28	3.05	2.95	97	0.00	0	S	HW		
11.28	14.33	3.05	3.00	98	0.65	21	S	HW		
14.33	17.37	3.04	2.80	92	1.29	42	S	HW		
17.37	20.42	3.05	3.00	98	1.32	43	S	HW		
20.42	23.47	3.05	2.94	96	1.35	44	S	HW		
23.47	26.52	3.05	3.10	102	1.60	52	MS	HW		
26.52	29.57	3.05	3.10	102	1.40	46	MS	HW		
29.57	32.61	3.04	3.20	105	0.78	26	MS	HW		
32.61	35.66	3.05	2.85	93	1.10	36	MS	HW		
35.66	38.71	3.05	3.15	103	0.91	30	MS	MW		
38.71	41.76	3.05	2.85	93	0.00	0	S	MW		
41.76	44.81	3.05	2.94	96	0.75	25	MS	MW		
44.81	47.85	3.04	2.95	97	1.45	48	S	MW		
47.85	50.90	3.05	2.86	94	0.68	22	S	MW		
50.90	53.95	3.05	2.86	94	1.27	42	S	MW		
53.95	57.00	3.05	2.83	93	0.00	0	S	SW		
57.00	59.76	2.76	2.22	80	0.57	21	S	SW		
59.76	62.78	3.02	2.86	95	0.65	22	MS	SW		
62.78	64.97	2.19	1.97	90	0.81	37	MS	SW		
64.97	66.14	1.17	1.13	97	0.92	79	S	FR		
66.14	69.19	3.05	2.90	95	0.35	11	MS	FR		
69.19	72.24	3.05	3.10	102	1.47	48	MS	FR		
72.24	75.29	3.05	2.92	96	1.84	60	MS	FR		
75.29	78.33	3.04	2.98	98	2.59	85	MS	FR		
78.33	81.38	3.05	3.13	103	1.69	55	MS	FR		
81.38	84.43	3.05	2.95	97	1.10	36	S	FR		
84.43	87.48	3.05	3.03	99	1.68	55	S	FR		
87.48	90.53	3.05	2.93	96	2.13	70	S	FR		
90.53	93.57	3.04	2.99	98	2.10	69	S	FR		
93.57	95.70	2.13	2.93	138	2.15	101	S	FR		
95.70	99.67	3.97	3.07	77	2.05	52	S	FR		
99.67	102.72	3.05	2.95	97	1.87	61	S	FR		
102.72	105.77	3.05	3.00	98	2.17	71	MS	FR		
105.77	108.81	3.04	3.03	100	1.38	45	S	FR		
108.81	111.86	3.05	3.02	99	1.60	52	MS	FR		
111.86	114.91	3.05	3.10	102	2.50	82	MS	FR		
114.91	117.96	3.05	3.01	99	1.87	61	MS	FR		
117.96	121.00	3.04	3.10	102	1.06	35	MS	FR		
121.00	124.05	3.05	3.00	98	0.86	28	MS	FR		
124.05	127.10	3.05	3.04	100	1.10	36	MS	FR		
127.10	130.15	3.05	2.96	97	1.54	50	MS	FR		
130.15	133.20	3.05	3.03	99	1.10	36	MS	FR		
133.20	136.25	3.05	2.98	98	1.81	59	MS	FR		
136.25	139.29	3.04	2.93	96	0.48	16	MS	FR		
139.29	142.34	3.05	2.83	93	0.77	25	MS	FR		
142.34	145.39	3.05	2.93	96	0.86	28	W	FR		GOUGE
145.39	148.44	3.05	2.72	89	0.66	22	W	FR		GOUGE

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
148.44	151.49	3.05	2.96	97	1.06	35	W	FR		
151.49	154.53	3.04	2.88	95	1.75	58	W	FR		
154.53	157.58	3.05	3.02	99	0.00	0	W	FR		GOUGE
157.58	160.36	2.78	2.75	99	0.00	0	W	FR		GOUGE
160.36	163.68	3.32	2.91	88	0.00	0	W	FR		GOUGE
163.68	166.73	3.05	2.96	97	0.49	16	W	FR		
166.73	169.77	3.04	2.92	96	0.84	28	W	FR		
169.77	172.82	3.05	2.91	95	1.46	48	MS	FR		
172.82	175.87	3.05	3.06	100	1.54	50	MS	FR		
175.87	178.91	3.04	3.07	101	1.47	48	MS	FR		
178.91	181.97	3.06	3.10	101	0.85	28	MS	FR		
181.97	185.01	3.04	3.05	100	1.16	38	MS	FR		
185.01	188.00	2.99	3.05	102	0.84	28	MS	FR		
188.00	191.11	3.11	3.12	100	1.13	36	MS	FR		
191.11	194.16	3.05	3.05	100	0.94	31	MS	FR		
194.16	197.21	3.05	3.01	99	1.52	50	MS	FR		
197.21	200.25	3.04	3.02	99	0.94	31	MS	FR		
200.25	203.30	3.05	3.09	101	1.87	61	MS	FR		
203.30	206.35	3.05	3.08	101	0.93	30	MS	FR		
206.35	209.40	3.05	3.15	103	0.72	24	MS	FR		
209.40	212.45	3.05	3.12	102	1.43	47	MS	FR		
212.45	215.49	3.04	3.03	100	0.50	16	MS	FR		
215.49	218.54	3.05	3.04	100	1.25	41	MS	FR		
218.54	221.28	2.74	2.67	97	1.47	54	MS	FR		
221.28	224.33	3.05	3.13	103	1.51	50	MS	FR		
224.33	227.38	3.05	2.95	97	1.39	46	MS	FR		
227.38	230.73	3.35	3.26	97	1.83	55	MS	FR		
230.73	233.78	3.05	3.10	102	2.43	80	MS	FR		
233.78	236.83	3.05	2.98	98	2.08	68	MS	FR		
236.83	239.87	3.04	3.09	102	2.52	83	MS	FR		
239.87	242.93	3.06	2.70	88	2.67	87	MS	FR		
242.93	245.97	3.04	3.04	100	2.84	93	MS	FR		
245.97	249.02	3.05	3.03	99	2.13	70	MS	FR		
249.02	252.07	3.05	2.99	98	1.47	48	MS	FR		
252.07	255.12	3.05	3.00	98	1.76	58	MS	FR		
255.12	258.17	3.05	3.08	101	2.33	76	MS	FR		
258.17	261.21	3.04	3.00	99	2.57	85	MS	FR		
261.21	264.26	3.05	2.99	98	2.35	77	MS	FR		
264.26	267.31	3.05	3.00	98	1.95	64	MS	FR		
267.31	270.36	3.05	2.91	95	2.04	67	MS	FR		
270.36	273.41	3.05	3.09	101	2.24	73	MS	FR		
273.41	276.45	3.04	3.04	100	2.23	73	MS	FR		
276.45	279.50	3.05	3.05	100	1.46	48	MS	FR		
279.50	282.55	3.05	3.02	99	2.25	74	MS	FR		
282.55	285.60	3.05	2.97	97	0.91	30	MS	FR		
285.60	288.65	3.05	3.05	100	0.70	23	MS	FR		
288.65	291.61	2.96	3.03	102	0.37	12	MS	FR		
291.61	294.74	3.13	3.08	98	1.99	64	S	FR		
294.74	297.79	3.05	3.01	99	0.56	18	S	FR		
297.79	300.84	3.05	2.95	97	0.58	19	S	FR		
300.84	303.89	3.05	2.96	97	0.12	4	S	FR		
303.89	306.93	3.04	3.02	99	0.81	27	S	FR		
306.93	309.98	3.05	3.04	100	1.02	33	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
309.98	313.03	3.05	3.02	99	1.32	43	MS	FR		
313.03	316.08	3.05	3.04	100	1.16	38	MS	FR		
316.08	319.13	3.05	2.94	96	0.81	27	MS	FR		
EOH										

SAMPLE LOG

HOLE: KL-11-52

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
1.22	4.90	3.68	3.00	82	K972064	1					
4.90	8.23	3.33	3.00	90	K972065	1					
8.23	11.45	3.22	3.00	93	K972066	1					
11.45	14.44	2.99	3.00	100	K972067	1					
14.44	17.50	3.06	3.00	98	K972068	1					
17.50	20.42	2.92	2.92	100	K972069	1					
					K972070	1					STANDARD CDN ME-16
20.42	23.36	2.94	2.87	98	K972071	1					
23.36	24.63	1.27	1.27	100	K972072	1					
24.63	27.55	2.92	2.20	75	K972073	1					
27.55	30.14	2.59	2.59	100	K972074	1					
30.14	31.14	1.00	1.00	100	K972075	1					
31.14	32.16	1.02	1.00	98	K972076	1					
					K972077	1					DUPLICATE
32.16	35.18	3.02	3.00	99	K972078	1					
35.18	36.78	1.60	1.60	100	K972079	1					
36.78	38.35	1.57	1.57	100	K972080	1					
38.35	39.35	1.00	1.00	100	K972081	1					
39.35	42.35	3.00	3.00	100	K972082	1					
42.35	45.30	2.95	3.00	102	K972083	1					
45.30	47.00	1.70	1.80	106	K972084	1					
47.00	48.07	1.07	1.05	98	K972085	1					
					K972086	1					BLANK
48.07	50.90	2.83	3.00	106	K972087	1					
50.90	54.05	3.15	3.00	95	K972088	1					
54.05	57.17	3.12	3.00	96	K972089	1					
57.17	59.74	2.57	2.36	92	K972090	1					
					K972091	1					STANDARD CDN ME-16
59.74	60.70	0.96	1.00	104	K972092	1					
60.70	63.60	2.90	3.00	103	K972093	1					
63.60	66.74	3.14	3.14	100	K972094	1					
66.74	68.00	1.26	1.23	98	K972095	1					
68.00	70.93	2.93	2.97	101	K972096	1					
70.93	72.15	1.22	1.23	101	K972097	1					
					K972098	1					BLANK
72.15	73.69	1.54	1.50	97	K972099	1					
73.69	74.35	0.66	0.66	100	K972100	2					
74.35	75.36	1.01	0.94	93	K972101	2					
75.36	77.19	1.83	1.84	101	K972102	2					
77.19	78.85	1.66	1.66	100	K972103	2					
78.85	79.95	1.10	1.06	96	K972104	2					
					K972105	2					BLANK
79.95	83.00	3.05	3.05	100	K972106	2					
83.00	84.73	1.73	1.73	100	K972107	2					
84.73	85.73	1.00	1.00	100	K972108	2					
85.73	87.25	1.00	1.00	98	K972109	2					
87.25	89.00	3.27	3.27	100	K972110	2					
89.00	90.27	1.27	1.27	100	K972111	2					
90.27	91.13	0.86	0.86	100	K972112	2					
91.13	92.13	1.00	1.00	100	K972113	2					
92.13	93.71	1.58	1.58	100	K972114	2					
93.71	94.89	1.18	1.18	100	K972115	2					
					K972116	2					STANDARD CDN ME-16
94.89	96.44	1.55	1.55	100	K972117	2					
96.44	100.24	3.80	3.80	100	K972118	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
100.24	103.24	3.00	3.00	100	K972119	2					
103.24	106.29	3.05	3.05	100	K972120	2					
106.29	108.29	2.00	1.00	100	K972121	2					
					K972122	2					DUPLICATE
108.29	109.29	1.00	1.00	100	K972123	2					
109.29	111.86	2.57	2.37	92	K972124	2					
111.86	112.86	1.00	1.00	100	K972125	2					
					K972126	2					STANDARD CDN ME-16
112.86	115.87	3.01	2.97	99	K972127	2					
115.87	118.62	2.75	2.55	93	K972128	2					
118.62	121.57	2.95	2.45	83	K972129	2					
121.57	124.45	2.88	2.58	90	K972130	2					
124.45	125.91	1.46	1.39	95	K972131	2					
125.91	126.41	0.50	0.50	100	K972132	2					
					K972133	2					BLANK
126.41	127.43	1.02	1.02	100	K972134	2					
127.43	130.15	2.72	2.69	99	K972135	2					
130.15	131.86	1.71	1.70	99	K972136	3					
131.86	132.90	1.04	0.98	94	K972137	3					
132.90	134.73	1.83	1.70	93	K972138	3					
134.73	136.25	1.52	1.48	97	K972139	3					
136.25	137.00	0.75	0.75	100	K972144	3					
					K972145	3					BLANK
137.00	138.52	1.52	1.45	95	K972146	3					
138.52	139.50	0.98	0.96	98	K972147	3					
139.50	141.00	1.50	1.20	80	K972148	3					
141.00	142.24	1.24	1.10	89	K972149	3					
142.24	143.02	0.78	0.78	100	K972150	3					
143.02	144.33	1.31	1.28	98	K972151	3					
					K972152	3					STANDARD PL-2
144.33	145.03	0.70	0.65	93	K972153	3					
145.03	146.47	1.44	1.34	93	K972154	3					
146.47	147.27	0.80	0.75	94	K972155	3					
147.27	148.27	1.00	1.00	100	K972156	3					
148.27	149.24	0.97	0.94	97	K972157	3					
					K972158	3					BLANK
149.24	150.25	1.01	1.01	100	K972159	3					
150.25	151.49	1.24	1.24	100	K972160	3					
151.49	152.49	1.00	1.00	100	K972161	3					
152.49	153.49	1.00	1.00	100	K972162	3					
153.49	154.53	1.04	1.00	96	K972163	3					
154.53	155.53	1.00	0.97	97	K972164	3					
155.53	156.53	1.00	0.97	97	K972165	3					
156.53	157.58	1.05	1.00	95	K972166	3					
157.58	158.58	1.00	1.00	100	K972167	3					
158.58	159.58	1.00	1.00	100	K972168	3					
159.58	160.63	1.05	1.00	95	K972169	3					
					K972170	3					STANDARD PL-2
160.63	161.63	1.00	1.00	100	K972171	3					
161.63	162.57	0.94	0.94	100	K972172	3					
162.57	163.11	0.54	0.54	100	K972173	3					
					K972174	3					DUPLICATE
163.11	163.68	0.57	0.57	100	K972175	3					
163.68	164.13	0.45	0.45	100	K972176	4					
164.13	166.09	1.96	1.96	100	K972177	4					
166.09	167.47	1.38	1.00	72	K972178	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
167.47	168.57	1.10	1.08	98	K972179	4					
168.57	169.66	1.09	1.08	99	K972180	4					
					K972181	4					BLANK
169.66	171.90	2.24	2.24	100	K972182	4					
171.90	173.59	1.69	1.69	100	K972183	4					
173.59	175.10	1.51	1.51	100	K972184	4					
175.10	175.87	0.77	0.76	99	K972185	4					
175.87	178.03	2.16	2.16	100	K972186	4					
					K972187	4					STANDARD PL-2
178.03	179.55	1.52	1.50	99	K972188	4					
179.55	181.32	1.77	1.69	95	K972189	4					
181.32	182.10	0.78	0.78	100	K972190	4					
182.10	184.75	2.65	2.60	98	K972191	4					
184.75	185.77	1.02	1.02	100	K972192	4					
185.77	187.25	1.48	1.48	100	K972193	4					
187.25	188.06	0.81	0.75	93	K972194	4					
188.06	189.54	1.48	1.38	93	K972195	4					
189.54	190.43	0.89	0.87	98	K972196	4					
190.43	191.50	1.07	1.01	94	K972197	4					
					K972198	4					BLANK
191.50	192.51	1.01	1.00	99	K972199	4					
192.51	193.53	1.02	1.00	98	K972200	4					
193.53	195.21	1.68	1.67	99	K972201	4					
					K972202	4					DUPLICATE
195.21	196.35	1.14	1.12	98	K972203	4					
196.35	198.20	1.85	1.85	100	K972204	4					
198.20	198.66	0.46	0.47	102	K972205	4					
198.66	200.89	2.23	2.21	99	K972206	4					
200.89	203.30	2.41	2.40	100	K972207	4					
					K972208	4					STANDARD PL-2
203.30	204.39	1.09	1.07	98	K972209	4					
204.39	205.00	0.61	0.61	100	K972210	4					
205.00	205.79	0.79	0.79	100	K972211	4					
205.79	206.68	0.89	0.89	100	K972212	5					
206.68	208.34	1.66	1.62	98	K972213	5					
208.34	210.40	2.06	2.04	99	K972214	5					
210.40	211.07	0.67	0.68	101	K972215	5					
211.07	211.88	0.81	0.82	101	K972216	5					
211.88	213.20	1.32	1.28	97	K972217	5					
213.20	214.55	1.35	1.32	98	K972218	5					
					K972219	5					BLANK
214.55	215.55	1.00	1.00	100	K972220	5					
215.55	216.55	1.00	1.00	100	K972221	5					
216.55	218.10	1.55	1.45	94	K972222	5					
218.10	221.00	2.90	2.80	97	K972223	5					
221.00	222.51	1.51	1.49	99	K972224	5					
222.51	223.51	1.00	1.00	100	K972225	5					
223.51	224.59	1.08	1.07	99	K972226	5					
224.59	225.66	1.07	1.04	97	K972227	5					
225.66	228.68	3.02	3.02	100	K972228	5					
					K972229	5					DUPLICATE
228.68	231.68	3.00	3.00	100	K972230	5					
					K972231	5					STANDARD CDN ME-16
231.68	233.56	1.88	1.85	98	K972232	5					
233.56	235.55	1.99	1.85	93	K972233	5					
235.55	236.68	1.13	1.11	98	K972234	5					**Sampler combined samples.**

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
236.68	237.31	0.63	0.63	100	K972235	5					**Quarter split re-sampled**
					K972236	5					BLANK
237.31	237.88	0.57	0.57	100	K972237	5					
237.88	240.90	3.02	3.02	100	K972238	5					
240.90	241.89	0.99	0.99	100	K972239	5					
241.89	243.89	2.00	2.00	100	K972240	5					
					K972241	5					STANDARD CDN ME-16
243.89	247.12	3.23	3.20	99	K972242	5					
247.12	247.86	0.74	0.74	100	K972243	5					
247.86	248.58	0.72	0.72	100	K972244	5					
248.58	250.63	2.05	2.05	100	K972245	5					
250.63	251.51	0.88	0.88	100	K972246	5					
251.51	253.03	1.52	1.52	100	K972247	5					
253.03	255.28	2.25	2.23	99	K972248	6					
					K972249	6					DUPLICATE
255.28	256.30	1.02	1.00	98	K972250	6					
256.30	257.37	1.07	1.05	98	K972636	6					
257.37	258.40	1.03	1.01	98	K972637	6					
					K972638	6					BLANK
258.40	259.93	1.53	1.51	99	K972639	6					
259.93	261.41	1.48	1.45	98	K972640	6					
261.41	262.41	1.00	1.00	100	K972641	6					
262.41	263.08	0.67	0.65	97	K972642	6					
263.08	263.58	0.50	0.48	96	K972643	6					
263.58	265.55	1.97	1.94	98	K972644	6					
					K972645	6					STANDARD ME-16
265.55	267.51	1.96	1.94	99	K972646	6					
267.51	270.51	3.00	3.00	100	K972647	6					
270.51	273.51	3.00	3.01	100	K972648	6					
273.51	276.51	3.00	3.02	101	K972649	6					
276.51	277.73	1.22	1.18	97	K972650	6					
277.73	278.73	1.00	1.00	100	K972651	6					
					K972652	6					BLANK
278.73	281.73	3.00	2.97	99	K972653	6					
281.73	284.73	3.00	2.94	98	K972654	6					
284.73	286.89	2.16	2.14	99	K972655	6					
286.89	288.20	1.31	1.29	98	K972656	6					
288.20	289.24	1.04	1.02	98	K972657	6					
289.24	291.69	2.45	2.42	99	K972658	6					
291.69	294.74	3.05	3.00	98	K972659	6					
294.74	295.74	1.00	1.00	100	K972660	6					
295.74	296.82	1.08	1.05	97	K972661	6					
296.82	298.61	1.79	1.75	98	K972662	6					
298.61	300.84	2.23	2.20	99	K972663	6					
300.84	302.25	1.41	1.40	99	K972664	6					
302.25	303.89	1.64	1.64	100	K972665	6					
303.89	305.06	1.17	1.15	98	K972666	6					
305.06	306.31	1.25	1.22	98	K972667	6					
					K972668	6					STANDARD PL-2
306.31	308.23	1.92	1.90	99	K972669	7					
308.23	310.48	2.25	2.23	99	K972670	7					
310.48	313.03	2.55	2.50	98	K972671	7					
313.03	316.08	3.05	3.00	98	K972672	7					
316.08	319.13	3.05	3.00	98	K972673	7					
					K972674	7					STANDARD ME-16
											EOH

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

DENSITY LOG

Hole: **0**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1999.9	1742.6	2KG STANDARD WEIGHT		7.77
52.96	GRD									9.446	6.334	796.5	473.5	GRD	2.68	2.47
												2002.8	1745.7	2KG STANDARD WEIGHT		7.79
102.8	GRD									9.501	6.34	803.2	505.7	PROP GRD	2.68	2.70
												2005	1507.2	2KG STANDARD WEIGHT		4.03
240.15	GRD									9.65	6.31	821.8	535.4	PHYLLIC ALTERED GRD	2.72	2.87
230	POR									9.92	6.32	816.6	598.8	QTZ-FELSPAR PORPHYRY DYKE	2.62	3.75

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-52

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Casing
2.00			21.33	
3.00			16.35	
4.00			28.04	
5.00			7.936	
6.00			2.728	
7.00			10.59	
8.00			0.576	
9.00			12.61	
10.00			3.662	
11.00			23.87	
12.00			25.83	
13.00			4.119	
14.00			11.58	
15.00			16.03	
16.00			1.135	
17.00			0.185	
18.00			0.519	
19.00			0.441	
20.00			0.44	
21.00			0.384	
22.00			0.988	
23.00			0.173	
24.00			4.586	
25.00			2.437	
26.00			1.56	
27.00			0.506	
28.00			0.309	
29.00			0.888	
30.00			0.99	
31.00			0.877	
32.00			1.002	
33.00			2.181	
34.00			16.19	
35.00			2.555	
36.00			0.259	
37.00			0.323	
38.00			0.744	
39.00			0.873	
40.00			10.99	
41.00			17.67	
42.00			3.412	
43.00			1.013	
44.00			25.62	
45.00			0.942	
46.00			0.961	
47.00			0.124	
48.00			0.913	
49.00			0.331	
50.00			0.593	
51.00			8.634	
52.00			1.954	
53.00			21.2	
54.00			30.5	
55.00			0.996	
56.00			3.853	
57.00			8.169	
58.00			0.766	
59.00			3.965	
60.00			0.471	
61.00			28.4	
62.00			13.49	
63.00			1.563	
64.00			0.347	
65.00			0.513	
66.00			0.335	
67.00			0.387	
68.00			0.405	
69.00			0.612	
70.00			0.723	
71.00			0.566	
72.00			0.736	
73.00			0.302	
74.00			0.325	
75.00			0.754	
76.00			0.338	
77.00			0.379	
78.00			0.239	
79.00			0.343	
80.00			0.999	
81.00			19.94	
82.00			1.576	
83.00			8.552	
84.00			3.864	
85.00			4.916	
86.00			40861	
87.00			0.522	
88.00			0.659	
89.00			0.972	
90.00			0.845	
91.00			0.735	
92.00			0.542	
93.00			0.883	
94.00			1.322	
95.00			0.988	
96.00			0.54	
97.00			0.381	
98.00			0.394	
99.00			2.088	
100.00			0.696	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.959	
102.00			3.246	
103.00			7.323	
104.00			3.029	
105.00			1.586	
106.00			0.405	
107.00			1.005	
108.00			3.452	
109.00			12.79	
110.00			4.304	
111.00			1.478	
112.00			5.124	
113.00			3.409	
114.00			9.132	
115.00			0.473	
116.00			0.261	
117.00			0.494	
118.00			0.363	
119.00			4.258	
120.00			0.765	
121.00			10.23	
122.00			14.84	
123.00			5.026	
124.00			17.5	
125.00			0.608	
126.00			0.697	
127.00			0.387	
128.00			0.552	
129.00			0.256	
130.00			0.172	
131.00			0.418	
132.00			0.281	
133.00			0.362	
134.00			0.303	
135.00			0.36	
136.00			0.322	
137.00			0.18	
138.00			0.332	
139.00			0.377	
140.00			0.448	
141.00			0.19	
142.00			0.49	
143.00			0.257	
144.00			0.234	
145.00			0.549	
146.00			0.224	
147.00			0.216	
148.00			0.198	
149.00			0.168	
150.00			0.014	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.114	
152.00			0.194	
153.00			0.257	
154.00			0.171	
155.00			0.341	
156.00			0.179	
157.00			0.296	
158.00			0.04	
159.00			0.031	
160.00			0.055	
161.00			0.144	
162.00			0.207	
163.00			0.2396	
164.00			0.163	
165.00			0.16	
166.00			0.097	
167.00				
168.00			0.17	
169.00			0.16	
170.00			0.361	
171.00			0.411	
172.00			0.542	
173.00			0.228	
174.00			1.058	
175.00			1.381	
176.00			0.408	
177.00			0.266	
178.00			1.685	
179.00			0.143	
180.00			0.5	
181.00			0.466	
182.00			0.671	
183.00			0.449	
184.00			0.367	
185.00			0.317	
186.00			0.431	
187.00			0.369	
188.00			0.342	
189.00			0.367	
190.00			0.478	
191.00			0.523	
192.00			0.171	
193.00			0.255	
194.00			0.144	
195.00			0.405	
196.00			0.408	
197.00			0.396	
198.00			0.3996	
199.00			0.337	
200.00			0.299	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.364	
202.00			0.211	
203.00			0.238	
204.00			0.116	
205.00			0.188	
206.00			0.428	
207.00			0.846	
208.00			0.864	
209.00			0.416	
210.00			0.917	
211.00			0.548	
212.00			0.357	
213.00			0.276	
214.00			0.243	
215.00			0.311	
216.00			0.476	
217.00			0.261	
218.00			0.241	
219.00			1.963	
220.00			2.693	
221.00			0.977	
222.00			0.322	
223.00			0.163	
224.00			0.452	
225.00			0.342	
226.00			0.218	
227.00			0.217	
228.00			0.308	
229.00			0.235	
230.00			0.47	
231.00			0.228	
232.00			0.247	
233.00			0.227	
234.00			0.406	
235.00			0.279	
236.00			0.229	
237.00			0.473	
238.00			0.524	
239.00			11.36	
240.00			0.352	
241.00			10.32	
242.00			0.274	
243.00			0.279	
244.00			0.217	
245.00			0.29	
246.00			0.223	
247.00			0.469	
248.00			0.34	
249.00			11.48	
250.00			1.108	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			5.064	
252.00			0.508	
253.00			27.62	
254.00			23.84	
255.00			15.25	
256.00			0.656	
257.00			6.49	
258.00			9.715	
259.00			13.81	
260.00			20.59	
261.00			0.516	
262.00			0.666	
263.00			1.294	
264.00			15.47	
265.00			8.166	
266.00			0.684	
267.00			0.666	
268.00			0.47	
269.00			33.02	
270.00			26.61	
271.00			0.862	
272.00			5.219	
273.00			10.08	
274.00			27.31	
275.00			28.58	
276.00			20.02	
277.00			9.255	
278.00			0.738	
279.00			0.369	
280.00			0.275	
281.00			0.383	
282.00			0.446	
283.00			0.867	
284.00			0.339	
285.00			0.38	
286.00			0.312	
287.00			0.206	
288.00			0.172	
289.00			0.201	
290.00			0.021	
291.00			0.127	
292.00			0.214	
293.00			0.004	
294.00			0.19	
295.00			0.135	
296.00			0.427	
297.00			0.373	
298.00			0.097	
299.00			0.013	
300.00			0.093	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.194	
302.00			0.016	
303.00			0.007	
304.00			0.237	
305.00			0.17	
306.00			0.111	
307.00			0.18	
308.00			0.329	
309.00			0.143	
310.00			0.236	
311.00			0.021	
312.00			11.59	
313.00			0.439	
314.00			3.938	
315.00			0.416	
316.00			32.06	
317.00			4.383	
318.00			3.822	
EOH				

BOX LOG

HOLE: KL-11-52

BOX	FROM (m)	TO (m)
1	1.22	6.00
2	6.00	9.34
3	9.34	13.11
4	13.11	17.24
5	17.24	21.23
6	21.23	25.19
7	25.19	29.32
8	29.32	33.29
9	33.29	37.26
10	37.26	41.15
11	41.15	44.98
12	44.98	48.81
13	48.81	52.78
14	52.78	56.10
15	56.10	59.74
16	59.74	63.72
17	63.72	67.85
18	67.85	71.87
19	71.87	75.08
20	75.08	80.27
21	80.27	84.43
22	84.43	88.57
23	88.57	92.92
24	92.92	96.40
25	96.40	101.60
26	101.60	105.77
27	105.77	110.07
28	110.07	114.22
29	114.22	118.31
30	118.31	122.25
31	122.25	126.22
32	126.22	130.37
33	130.37	134.36
34	134.36	138.52
35	138.52	142.36
36	142.36	146.12
37	146.12	150.25
38	150.25	154.28
39	154.28	158.36
40	158.36	162.66
41	162.66	166.73
42	166.73	170.67
43	170.67	174.78
44	174.78	178.91
45	178.91	183.10
46	183.10	187.40
47	187.40	191.61
48	191.61	195.87
49	195.87	200.17
50	200.17	204.23
51	204.23	208.34
52	208.34	212.45
53	212.45	216.46
54	216.46	220.66
55	220.66	224.90
56	224.90	229.16
57	229.16	233.36
58	233.36	237.66
59	237.66	242.02
60	242.02	246.33
61	246.33	251.61
62	251.61	254.58
63	254.58	258.82
64	258.82	263.16
65	263.16	267.68
66	267.68	272.05
67	272.05	276.27
68	276.27	280.58
69	280.58	284.39
70	284.39	288.39
71	288.39	282.49
72	282.49	286.82
73	286.82	300.84
74	300.84	304.84
75	304.84	308.69
76	308.69	312.59
77	312.59	316.85
78	316.85	319.13
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			383007.15	6890085	1361.292	202.39

SECTION:

HOLE: KL-11-53

CLAIM:

Contractor: Strike

Drill:

Core size: HQ

Casing depth: (m) in / out

Drilling dates:

Geology logged by: J. Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	110.95	32.6	-48.8	Ranger
19.51	36.1	-48.8	Ranger	141.43	36.7	-48.5	Ranger
49.99	34.6	-49.1	Ranger	171.91	38.2	-48.1	Ranger
80.47	33.9	-48.8	Ranger	202.39	41.4	-48.1	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.35	3.35	OVB	Casing/No recovery.
3.35	41.10	37.75	GRD	Very lightly oxidized unaltered granodioirte. Weak
				phyllic/propylitic altered intervals.
41.10	71.09	29.99	GRD/VEN	Phyllic altered granodioirte. Disseminated pyrite
				throughout. Numerous highgrade vein intervals. Some
				weak gouge zones
71.09	128.14	57.05	GRD	intensely silica flooded, altered granodiorite. Vein and
				gouge zones present (few).
128.14	173.35	45.21	POR/VEN	two quartz feldspar porphyry dykes upto 10 m wide
				with strong massive sulphide veins, gouge zones
				and wide breccia intervals associated with the dykes.
				Vein Zone.
173.35	202.39	29.04	GRD	strongly propylitic altered granodioirte.
				202.39 EOH.

SAMPLES

Numbers: L828596-L828714

Total: 119

Batch: KL-11-53 Batch 1-4

Date Sent:

Certificate: WH11198501, WH11198509, WH11198581, WH11198584

COMMENTS

GEOLOGY LOG

HOLE: KL-11-53

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.35	3.35				OVB																					Casing / Overburden. No recovery
3.35	24.88	21.53				GRD	GYGN		tw		t																Unaltered granodiorite hosting weak phyllic alterec zones around quartz veinlets with rare sulphides (sphalerite and pyrite).
			9.72	9.98	0.26		LTGN		ms		t									tw							Phyllic altered zone hosting narrow quartz veinlets and disseminated to pervasive pyrite.
			14.75	15.01	0.26		WHPK			m			Arg	m													Strongly argillic altered interval hosting potassic overprinting.
													Pot	m													
			15.08	15.30	0.22		LTGN		ms		t									tw							Same as 9.72-9.98m.
			15.89	16.20	0.31		LTGN		ms		t									tw		t	t				Same as above with galena/sphalerite veins
			17.79	19.16	1.37		LTGN		i	t	t		Pro	t						tw				Se	tw		Intensely phyllic altered zone. Disseminated sericite and pyrite hosts a large high grade vein zone in centre.
													Arg	t													
			18.60	18.83	0.23	BXA	GYWH	BX	i		i				BX	80				f			w				Quartz (smoky/white) breccia zone hosting galena and pyrite blebs. Anhydrite clasts in breccia. Very small angular clasts.
			23.22	23.63	0.41		LTGN		ms		t									tw							Same as 9.72-9.98m.
24.88	41.10	16.22				GRD	GYGN	PA	m		tw		Pro	m						t							Patchy unaltered, propylitic altered, mostly phyllic altered granodiorite hosting quartz and sulphide veins and veinlets.
			32.60	32.70	0.10	VEN	GYWH	VU	i		i				VN	70				m		tw	tw				Milky/grey quartz vein hosting pervasive coarse grained pyrite and sphalerite/galena veinlets (massive). Area totally silica flooded and intensely phyllic altered. Quartz vein is vuggy.
			33.57	34.21	0.64	VEN	GYWH	VU	i		i				VN	60				m		tw	tw				Same as above. Two veins noted. Downhole vein is brecciated with phyllic/sulphide clasts.
			37.93	38.21	0.28		LTGN	VU	s		ms				VN	65				w				To	w		Phyllic altered interval hosting numerous vuggy quartz veins and veinlets. Quartz veins host blebby pyrite and disseminated tourmaline.
41.10	71.09	29.99				GRD	GYGN	FD	ms		ms									tw		t	t				Moderate to strong phyllic altered granodiorite,. Moderate silica flooding to strong in some zones. Trace disseminated pyrite throughout. Numerous high grade vein zones in interval.
			43.22	43.73	0.51	VEN	LTGN	FD	i		ms				VN	80				m		tw	tw				Phyllic altered vein zone hosting four quartz/tourmaline veins with blebby sphalerite, galena, pyrite. Interval hosts pervasive-blebby pyrite and is quartz flooded. Sphalerite shows zoning with blackjack sphalerite encased by the honey brown variety.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			43.73	45.27	1.54		LTGN	BK	ms		ms	t								tw				To	f		Extremely broken/blocky rubble. Most fragments are phyllic altered granodiorite, but numerous quartz/tourmaline fragments exist as well. (Quartz/tourmaline vein zone). Disseminated pyrite found throughout.
			45.67	46.67	1.00	VEN	GNGY	BK	i		i				VN	?				ms	tw	m	f				Gouge, dry vein material grading into quartz vein zone, hosting blebby to massive galena/sphalerite/pyrite/arsenopyrite. Sulphide veinlets along quartz/GRD contacts. Pervasive pyrite throughout phyllic altered granodiorite host rock.
			46.71	46.96	0.25	BXA	BKOR	BX	s	tw		t			BX	74				m							Broken, soft slightly oxidized black breccia zone with abundant clay material. Fine grained pyrite throughout. Gougey contacts with phyllic altered granodiorite.
			47.80	48.15	0.35	VEN	LTGN	FL	s		ms				VN	70				w							Flow banded smoky/milky quartz vein zone hosting disseminated to blebby pyrite.
			48.79	49.26	0.47		LTGN		i	m	m				VN	78				s		f					Phyllic altered granodiorite hosting a 3cm massive sphalerite vein with milky quartz zones and blebby pyrite. Pervasive coarse grained pyrite throughout zone. Interval grades into fine clay gouge with disseminated sulphides (fine grained) for last 15cm.
			49.57	49.89	0.32		LTGN		i	m	m				VN	80				s		f					Same as above. Gouge early in zone
			53.09	53.19	0.10	VEN	GYWH				100				VN	68								Cp	w		Grey/white quartz vein hosting 5mm blebs of chalcopyrite.
			58.26	58.47	0.21	VEN	GYWH				100				VN	60				w							Grey/white quartz vein hosting pervasive pyrite and pyrite stringers.
			61.34	61.42	0.08	VEN	GYWH				100				VN	60				w							Same as above
			61.56	62.37	0.81		LTGN	FD	i	t	i									w							Phyllic, quartz flooded granodiorite. Extremely fractured. Fractures filled by rubble phyllic fragments >1cm hosting pervasive-blebby pyrite. Minor gouge in these fractures but space between fragments usually empty. Minor pyrite stringers.
71.09	109.20	38.11				GRD	DKGN	FD	t	t	m		Pro	i													Intensely propylitic altered granodiorite with moderate silica flooding. Granodiorite is more fine grained than typical. Quartz moves to dappled textures in localized pockets.
			74.30	74.36	0.06	VEN	WH				100				VN	65											Chalcedony quartz vein
			85.69	86.92	1.23		WHPK			i			Arg	i													Argillic altered granodiorite, stained slightly green in places and overprinted by potassic alteration in others. These zones are up to 10cm wide.
													Pot	t													
													Pro	t													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			86.92	88.12	1.20		GNWH	VU	i		i									m		t	t				Completely phyllic/silica altered interval hosting pervasive coarse grained pyrite and pyrite stringers as well as numerous large vuggy quartz veins with intense pyrite and trace galena and sphalerite.
			91.42	91.52	0.10	VEN	GYWH		i		100				VN	55				i							Grey quartz vein with white stringers hosting pervasive pyrite.
			91.52	94.97	3.45		WHPK			i			Arg	i													Same as 85.69-86.92m.
													Pot	t													
													Pro	t													
			94.97	95.97	1.00		GNWH	VU	i		i									m		t	t				Same as 86.92-88.12m.
			95.97	96.95	0.98		WHPK			i			Arg	i													Same as 91.52-94.97m.
													Pot	t													
													Pro	t													
			98.30	99.49	1.19	GRD	WHGN	PA	t				Pro	w													Patchy propylitic/argillic/potassic altered granodiorite with localized potassic alteration overprinting other types. Phyllic alteration is very narrow and localized around quartz stringers (few).
													Pot	w													
													Arg	m													
			101.82	102.47	0.65		WHGN	PA	t				Pro	w													Same as above
													Pot	w													
													Arg	m													
			104.21	104.86	0.65	VEN	GY	MA	i		i				VN	80				i	i	w	w				Massive arsenopyrite vein 6cm wide adjacent to a breccia/quartz zone 9cm wide. Both zones hosts blebby sphalerite and galena with pervasive pyrite throughout. Massive sulphides represent some breccia clasts.
			105.39	108.32	2.93		LTGN		i		ms				VN	5				tw		tw	tw	Se	tw		Intensely phyllic altered granodiorite hosting disseminated pyrite/sericite and hosting an extremely low angle quartz vein filled with blebby to massive galena/sphalerite/pyrite. Vein stretches entire interval but is only 1cm wide.
109.20	128.14	18.94				GRD	GY		t	t			Pro	t										Cal	t		Unaltered granodiorite hosting 1m zones of patchy propylitic/phyllic/argillic alteration. Very few quartz veins in these altered zones. Strong chlorite in propylitic altered locations.
													Arg	t													
			109.20	112.94	3.74		WHPK			i			Arg	i													Argillic altered granodiorite, stained slightly green in places and overprinted by potassic alteration in others. These zones are up to 10cm wide.
													Pot	t													
													Pro	t													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			113.36	113.44	0.08	VEN	GYGN	FL	i		i				VN	65				m		m	m				1cm wide flow banded grey/smoky quartz vein hosting blebby galena/pyrite/sphalerite. Phyllic altered, pyrite disseminated envelope around vein.
			118.97	119.03	0.06	VEN	GYGN	FL	i		i				VN	70				m		m	m				Same as above. Ankerite veinlet on hanging wall side of vein.
			128.04	128.14	0.10	VEN	GY	MA	i		i				VN	80				i	i	w	w				Contact vein zone against dyke. Massive paralle arsenopyrite, pyrite, calcite, quartz veins hosting blebby pyrite/galena/sphalerite. Vein turns to gouge right at contact. Dyke is fractures with gouge filling the fractures.
128.14	137.40	9.26				POR	GY	DY							DY	80											Quartz-feldspar porphyry dyke
137.40	138.72	1.32				POR	GY	GO																			Extremely altered porphyry dyke. Fractures filled by gouge. Very soft.
			137.40	137.60	0.20	VEN	WHGY	GO		i					GO	75				tw							Clay gouge vein hosting disseminated pyrite and quartz fragments. White and grey coloured.
138.72	143.34	4.62				GRD	DKGY	GO	i	i	i									ms	t	t	t	Se	m		Extremely altered, very soft/fractured gouge veir zone. Interval is phyllic altered and rubble. Lots of quartz clasts. Intense pyrite throughout with trace galena/arsenopyrite/sphalerite.
143.34	157.32	13.98				GRD	LTGN	FD	i		tw									tw				Se	m		Strongly phyllic altered, quartz flooded granodiorite hosting numerous milky/smoky quartz veins and veinlets (some brecciated) and few strong high grade sulphide veins or breccia zones. Highly sericitized.
			142.83	143.89	1.06	VEN		MA	i		100				VN	70				i		w					Massive pyrite vein in an extremely phyllic alterec envelope. Vein hosts blebby sphalerite.
			146.67	146.76	0.09	VEN		MA	i		100				VN	75				i		w					Same as above
			150.60	151.15	0.55	BXA	LTGN	BX	i						BX	80											Zone hosting black breccia veins spidered through interval. Most veins at 80°. Black breccia is typical of other zones. Clasts are intensely phyllic altered granodiorite and quartz clasts.
			152.03	152.56	0.53		DKGN	FD	i		i																Intensely quartz flooded, dappled texture granodiorite (phyllic altered) zone. Lots of quartz zones.
			153.25	154.72	1.47		WHGN			s			Arg	s													Strongly argillic altered zone, soft. Light green staining (propylitic) along whole interval.
													Pro	t													
			156.49	156.74	0.25		LTGN		i		ms									tw							Phyllic altered zone hosting grey and white banded quartz veins interrupted by the odd massive pyrite veinlet.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
157.32	163.68	6.36				GRD	DKGN	PA	t	t			Pro	i										Cl	tw		Strongly propylitic altered granodiorite. Strong epidote and chlorite through ozone. Interval hosts patchy phyllic and argillic altered zones associated with calcite/quartz veins and veinlets.
													Arg	t										Ep	tw		
			158.56	158.93	0.37		LTGN		i		ms									tw							Same as 156.49-156.74m.
			159.34	159.69	0.35		WHGN			s			Arg	s													Same as 153.25-154.72m.
													Pro	t													
			161.90	161.95	0.05	VEN	WH	MA																Ca	100		Calcite vein.
			162.92	163.09	0.17	BXA	BKGN	BX	i						BX	78				t							Black breccia zone, intensely phyllic altered angular clasts. Weak, fine grained disseminated pyrite. Dominated by clasts.
163.68	169.12	5.44				POR		DY							DY	78											Quartz-feldspar porphyry dyke. Contacts at both ends are brecciated by vein/quartz material.
169.12	173.35	4.23				VEN	DKGY	BK	i		80				VN	?				ms	t	t	t				Extremely siliceous, almost black coloured, quartz/broken phyllic altered granodiorite hosting many massive sulphide veins and breccia zones. Entire interval hosts pervasive pyrite. Trace arsenopyrite/galena/sphalerite in vein zones.
			169.12	169.48	0.36	BXA	BKTN	BX	i		i				BX	78				f	t	t	t				Black breccia zone hosting dyke fragments and blebby galena, sphalerite, pyrite and quartz. Trace arsenopyrite in zone. Very siliceous.
			170.70	172.01	1.31	BXA	BK	GO	i	i	70				BX	80				f							Gouge vein brecciated by <2cm sized quartz clasts. Gouge is matrix, extremely altered and broken. Pervasive-blebby pyrite throughout.
			172.90	173.35	0.45	BXA	GNBK	GO	i	i	i				GO	80				ms				Se	ms		Gouge vein hosting numerous quartz-clasts and abundant pervasive-blebby pyrite. Extremely soft. Massive pyrite vein 3cm wide on hanging wall side. Intensely sericitized.
172.35	186.25	13.90				GRD	LTGN	FD	i	t	i		Pro	tw						w		tw	tw	Se	tw		Strongly phyllic altered granodiorite. Light green colour hosting disseminated sericite and pyrite. Zone also hosts black breccia and high grade vein intervals. Intensely quartz flooded in most places across the interval.
			173.62	174.05	0.43	VEN	LTGN		i		50				VN	15				t							Phyllic altered granodiorite hosting disseminated fine grained pyrite and an anatomising low angle quartz vein 3cm wide.
			174.67	174.92	0.25	VEN		MA	i		100				VN	78				s		t	t				Intensely phyllic altered granodiorite hosting a milky quartz vein with massive pyrite and trace sphalerite and galena. Very coarse grained pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			175.53	175.76	0.23	VEN		VU	i		100				VN	80				s		t	t				Vuggy smoky quartz vein with milky veinlets crosscutting. Vein hosts massive pyrite veins up to 5cm and blebby pyrite/sphalerite/galena throughout. Strong epithermal zoning and textures.
			176.42	176.46	0.04	VEN		MA	i		100				VN	80				s		t	t				Same as 174.67-174.92m.
			179.79	180.62	0.83	BXA	GNBK	GO	i	i	i				GO	60				ms				Se	ms		Same as 172.90-173.35m.
			181.25	181.83	0.58	BXA	BKGN	BX	i						BX	30				t							Low angle black breccia zone hosting quartz fragments and rounded phyllic granodiorite clasts. Disseminated fine grained pyrite in matrix. Massive pyrite in quartz clasts.
			183.93	184.32	0.39	VEN	BKGN	FL	i		i				VN	60				w							Flow banded smoky/milky quartz vein hosting disseminated fine grained pyrite and other sulphides. Host rock is extremely siliceous phyllic altered granodiorite.
			186.00	186.25	0.25	VEN		MA	i		100				VN	80				s		t	t				Same as 174.67-174.92m.
186.25	202.39	16.14				GRD	GYGN		t				Pro	tw													Generally unaltered granodiorite hosting few propylitic/phyllic envelopes around insignificant quartz veinlets.
			190.00	193.23	3.23		GN	PA	m				Pro	m						t				Se	t		Patchy phyllic/propylitic altered granodiorite hosting pyrite veinlets. Weak disseminated pyrite around veinlets. Phyllic alteration in these areas. Very few quartz veinlets.
			192.64	192.75	0.11	VEN	LTGN		s		i				VN	80				tw		t		Se	tw		Quartz/ankerite vein hosting disseminated pyrite and rare blebby sphalerite. Milky quartz variety. Moderately sericitized.
			194.82	194.83	0.01	VEN	LTGN		s		i				VN	75				tw							Quartz vein hosting blebby to massive pyrite, fine grained. Propylitic altered envelope.
			195.26	195.29	0.03	VEN	LTGN		s		i				VN	75				tw							Same as above
			197.21	197.57	0.36		LTGN		m				Pro	m						t							Phyllic/propylitic altered zone hosting two quartz veins (milky), 1cm wide. Fine grained, weak pyrite disseminated around veins.
																											EOH @ 202.39m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-53

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	0.84	0.84	0.60	71	0.24	29		HW		
0.84	1.52	0.68	1.23	181	0.00	0	S	MW		
1.52	5.18	3.66	1.82	50	0.71	19	S	MW		
5.18	8.23	3.05	3.05	100	1.53	50	S	MW		
8.23	11.28	3.05	2.96	97	0.87	29	S	MW		
11.28	14.33	3.05	3.06	100	1.01	33	S	MW		
14.33	17.37	3.04	3.02	99	1.74	57	S	MW		
17.37	20.42	3.05	3.05	100	1.32	43	MS	MW		
20.42	23.47	3.05	3.05	100	0.65	21	MS	MW		
23.47	26.52	3.05	2.98	98	1.52	50	MS	MW		
26.52	29.57	3.05	2.84	93	0.58	19	MS	MW		
29.57	32.61	3.04	3.09	102	1.18	39	MS	MW		
32.61	35.66	3.05	3.03	99	2.04	67	MS	MW		
35.66	38.71	3.05	3.10	102	0.90	30	W	MW		
38.71	41.77	3.06	2.95	96	0.90	29	W	MW		
41.77	44.80	3.03	2.70	89	0.53	17	W	MW		
44.80	47.85	3.05	3.02	99	0.10	3	MS	MW		
47.85	50.90	3.05	2.90	95	1.46	48	MS	FR		
50.90	53.95	3.05	3.00	98	1.22	40	MS	FR		
53.95	57.00	3.05	3.04	100	0.77	25	MS	FR		
57.00	60.00	3.00	2.95	98	0.80	27	MS	FR		
60.00	63.10	3.10	3.00	97	1.05	34	MS	FR		
63.10	66.14	3.04	2.96	98	0.83	27	MS	FR		
66.14	69.20	3.06	2.46	80	0.42	14	MS	FR		
69.20	72.24	3.04	3.00	99	1.58	52	MS	FR		
72.24	75.29	3.05	2.95	97	0.50	16	S	FR		
75.29	78.33	3.04	3.09	102	1.03	34	S	FR		
78.33	81.38	3.05	2.80	92	0.97	32	S	FR		
81.38	84.43	3.05	3.09	101	1.22	40	MS	FR		
84.43	87.48	3.05	2.90	95	0.14	5	MS	FR		
87.48	90.52	3.04	2.60	86	0.00	0	MS	FR		
90.52	93.57	3.05	3.00	98	0.91	30	MS	FR		
93.57	96.62	3.05	3.00	98	1.33	44	MS	FR		
96.62	99.67	3.05		0		0	MS	FR		
99.67	102.71	3.04	2.90	95	2.21	73	MS	FR		
102.71	105.76	3.05	2.81	92	1.25	41	MS	FR		
105.76	108.81	3.05	3.12	102	1.33	44	MS	FR		
108.81	111.86	3.05	2.66	87	0.16	5	MS	FR		
111.86	114.91	3.05	2.95	97	1.61	53	MS	FR		
114.91	117.95	3.04	2.89	95	1.57	52	MS	FR		
117.95	121.00	3.05	3.05	100	2.33	76	MS	FR		
121.00	124.05	3.05	2.68	88	0.44	14	MS	FR		
124.05	127.10	3.05	2.94	96	0.47	15	MS	FR		Dyke
127.10	130.15	3.05	3.10	102	1.68	55	MS	FR		Dyke
130.15	133.20	3.05	3.15	103	1.73	57	MS	FR		Dyke
133.20	136.25	3.05	2.75	90	1.69	55	MS	FR		Dyke
136.25	139.29	3.04	2.87	94	0.71	23	MS	FR		Dyke
139.29	142.34	3.05	2.84	93		0	MS	FR		Gouge/Fault
142.34	145.39	3.05	2.62	86		0	MS	FR		Gouge/Fault
145.39	148.44	3.05	3.01	99	1.10	36	MS	FR		
148.44	151.48	3.04	2.92	96	1.18	39	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.48	154.53	3.05	2.95	97	1.31	43	MS	FR		
154.53	157.58	3.05	2.69	88	1.73	57	MS	FR		
157.58	160.63	3.05	3.16	104	1.78	58	MS	FR		
160.63	163.68	3.05	2.84	93	1.26	41	W	FR		
163.68	166.73	3.05	2.91	95	1.97	65	W	FR		
166.73	169.77	3.04	2.88	95	0.92	30	W	FR		
169.77	172.82	3.05	2.10	69		0	W	FR		
172.82	175.87	3.05	2.67	88	0.72	24	W	FR		
175.87	178.92	3.05	2.65	87	1.11	36	W	FR		
178.92	181.97	3.05	3.03	99	1.10	36	W	FR		
181.97	185.01	3.04	2.99	98	0.99	33	W	FR		
185.01	188.06	3.05	2.56	84	0.95	31	MS	FR		
188.06	191.11	3.05	2.90	95	1.13	37	MS	FR		
191.11	194.16	3.05	2.98	98	1.95	64	MS	FR		
194.16	197.21	3.05	2.98	98	2.55	84	S	FR		
197.21	200.25	3.04	2.83	93	1.32	43	S	FR		
200.25	202.39	2.14	2.25	105	0.21	10	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-53

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.35	3.35		0							No sample.
3.35	5.18	1.83	1.46	80	L828596	1					
5.18	8.23	3.05	2.59	85	L828597	1					
8.23	11.28	3.05	2.90	95	L828598	1					
11.28	14.33	3.05	2.91	95	L828599	1					
					L828600	1					Standard: CDN-ME-16
14.33	16.22	1.89	1.89	100	L828601	1					
16.22	18.16	1.94	1.94	100	L828602	1					
18.16	19.16	1.00	1.00	100	L828603	1					
19.16	20.42	1.26	1.26	100	L828604	1					
20.42	23.47	3.05	2.75	90	L828605	1					
23.47	24.90	1.43	1.42	99	L828606	1					
24.90	25.90	1.00	1.00	100	L828607	1					
					L828608	1					Duplicate
25.90	29.88	3.98	3.18	80	L828609	1					
29.88	31.00	1.12	1.12	100	L828610	1					
31.00	32.38	1.38	1.38	100	L828611	1					
32.38	33.38	1.00	1.00	100	L828612	1					
33.38	34.28	0.90	0.90	100	L828613	1					
34.28	35.66	1.38	1.38	100	L828614	1					
					L828615	1					Standard: CDN-ME-16
35.66	36.66	1.00	0.90	90	L828616	1					
36.66	37.98	1.32	1.32	100	L828617	1					
37.98	38.71	0.73	0.73	100	L828618	1					
					L828619	1					Blank
38.71	41.76	3.05	3.05	100	L828620	1					
41.76	43.73	1.97	1.54	78	L828621	1					
43.73	45.27	1.54	1.24	81	L828622	1					
45.27	47.10	1.83	1.47	80	L828623	1					
					L828624	1					Blank
47.10	48.75	1.65	1.20	73	L828625	1					
48.75	49.89	1.14	0.90	79	L828626	1					
49.89	50.90	1.01	0.76	75	L828627	1					
50.90	52.20	1.30	1.00	77	L828628	1					
52.20	53.20	1.00	0.85	85	L828629	1					
53.20	55.50	2.30	1.89	82	L828630	1					
55.50	58.26	2.76	2.31	84	L828631	1					
58.26	59.45	1.19	0.98	82	L828632	2					
59.45	61.09	1.64	1.23	75	L828633	2					
61.09	62.37	1.28	1.00	78	L828634	2					
					L828635	2					Blank
62.37	63.67	1.30	1.00	77	L828636	2					
63.67	66.14	2.47	2.03	82	L828637	2					
66.14	69.20	3.06	2.40	78	L828638	2					
69.20	71.09	1.89	1.56	83	L828639	2					
71.09	72.24	1.15	1.15	100	L828640	2					
72.24	75.29	3.05	3.05	100	L828641	2					
75.29	78.33	3.04	3.03	100	L828642	2					
78.33	81.38	3.05	3.05	100	L828643	2					
81.38	84.43	3.05	3.04	100	L828644	2					
84.43	86.92	2.49	2.49	100	L828645	2					
86.92	88.12	1.20	1.16	97	L828646	2					
88.12	91.18	3.06	2.45	80	L828647	2					
91.18	92.18	1.00	0.60	60	L828648	2					
92.18	94.77	2.59	2.59	100	L828649	2					
94.77	95.97	1.20	1.20	100	L828650	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
95.97	96.97	1.00	1.00	100	L828651	2					
96.97	99.67	2.70	2.70	100	L828652	2					
					L828653	2					Standard: CDN-ME-16
99.67	101.85	2.18	2.18	100	L828654	2					
101.85	103.95	2.10	2.00	95	L828655	2					
103.95	105.12	1.17	1.17	100	L828656	2					
					L828657	2					Blank
105.12	107.07	1.95	1.97	101	L828658	2					
107.07	108.33	1.26	1.26	100	L828659	2					
108.33	111.33	3.00	3.00	100	L828660	2					
					L828661	2					Standard: CDN-ME-16
111.33	114.33	3.00	3.00	100	L828662	2					
114.33	117.33	3.00	3.00	100	L828663	2					
117.33	120.33	3.00	3.00	100	L828664	2					
					L828665	2					Duplicate
120.33	123.05	2.72	2.71	100	L828666	2					
123.05	124.05	1.00	1.00	100	L828667	2					
124.05	125.42	1.37	1.20	88	L828668	3					
125.42	127.77	2.35	2.33	99	L828669	3					
127.77	128.14	0.37	0.40	108	L828670	3					
					L828671	3					Blank
128.14	131.28	3.14	3.16	101	L828672	3					
131.28	134.20	2.92	3.10	106	L828673	3					
134.20	137.39	3.19	2.75	86	L828674	3					
					L828675	3					Standard: CDN-ME-16
137.39	138.71	1.32	1.35	102	L828676	3					
138.71	140.51	1.80	1.78	99	L828677	3					
140.51	141.51	1.00	1.00	100	L828678	3					
141.51	143.12	1.61	1.50	93	L828679	3					
143.12	144.43	1.31	0.77	59	L828680	3					
144.43	146.03	1.60	0.73	46	L828681	3					
146.03	146.88	0.85	0.81	95	L828682	3					
146.88	148.44	1.56	1.54	99	L828683	3					
					L828684	3					Duplicate
148.44	150.56	2.12	2.13	100	L828685	3					
150.56	151.24	0.68	0.56	82	L828686	3					
151.24	153.26	2.02	1.88	93	L828687	3					
153.26	154.74	1.48	1.37	93	L828688	3					
154.74	157.33	2.59	2.41	93	L828689	3					
157.33	160.33	3.00	2.75	92	L828690	3					
160.33	162.70	2.37	2.36	100	L828691	3					
162.70	163.68	0.98	0.85	87	L828692	3					
					L828693	3					Blank
163.68	166.73	3.05	2.88	94	L828694	3					
166.73	169.12	2.39	2.38	100	L828695	3					
169.12	171.40	2.28	2.00	88	L828696	3					
171.40	173.35	1.95	1.95	100	L828697	3					
173.35	174.67	1.32	1.32	100	L828698	3					
174.67	176.46	1.79	1.79	100	L828699	3					
176.46	179.79	3.33	3.30	99	L828700	3					
179.79	181.83	2.04	2.03	100	L828701	3					
181.83	183.65	1.82	1.80	99	L828702	3					
					L828703	3					Standard: PL-2
183.65	184.65	1.00	1.00	100	L828704	4					
184.65	186.25	1.60	1.54	96	L828705	4					
186.25	188.60	2.35	2.30	98	L828706	4					
188.60	190.00	1.40	1.24	89	L828707	4					
190.00	192.08	2.08	2.08	100	L828708	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					L828709	4					Duplicate
192.08	193.08	1.00	1.00	100	L828710	4					
193.08	194.16	1.08	1.08	100	L828711	4					
194.16	197.21	3.05	3.05	100	L828712	4					
197.21	200.25	3.04	3.04	100	L828713	4					
200.25	202.39	2.14	2.14	100	L828714	4					
	EOH										

DENSITY LOG

Hole: **KL-11-53**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1974.2	1451.5	2000g standard		3.78
98.95	GRD	MA	phyllic	m						10.72	6.367	806.7	359		2.36	1.80
												2004.5	1747	2000g standard		7.78
32.87	GRD	MA	phyllic	ms						9.681	6.342	799.3	521.3		2.61	2.88

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-53

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Casing
2.00			15.77	
3.00			8.074	
4.00			22.6	
5.00			24.88	
6.00			24.32	
7.00			23.11	
8.00			8.533	
9.00			1.401	
10.00			28.23	
11.00			14.33	
12.00			14.7	
13.00			9.339	
14.00			0.532	
15.00			0.447	
16.00			0.331	
17.00			15.84	
18.00			0.62	
19.00			0.502	
20.00			4.071	
21.00			18.1	
22.00			10.12	
23.00			28.79	
24.00			16.74	
25.00			0.609	
26.00			0.922	
27.00			8.204	
28.00			1.997	
29.00			8.561	
30.00			36.53	
31.00			19.68	
32.00			0.978	
33.00			0.748	
34.00			0.291	
35.00			1.108	
36.00			0.687	
37.00			0.808	
38.00			0.445	
39.00			0.397	
40.00			0.397	
41.00			0.246	
42.00			0.274	
43.00			0.313	
44.00			0.259	
45.00			0.151	
46.00			0.142	
47.00			0.278	
48.00			0.353	
49.00			0.244	
50.00			0.049	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			0.423	
52.00			0.25	
53.00			0.252	
54.00			0.334	
55.00			0.348	
56.00			0.173	
57.00			0.192	
58.00			0.221	
59.00			0.27	
60.00			0.163	
61.00			0.259	
62.00			0.136	
63.00			0.232	
64.00			0.221	
65.00			0.141	
66.00			0.215	
67.00			0.111	
68.00			0.297	
69.00			0.175	
70.00			0.243	
71.00			2.75	
72.00			0.443	
73.00			0.255	
74.00			0.501	
75.00			0.172	
76.00			0.257	
77.00			0.341	
78.00			3.311	
79.00			0.304	
80.00			0.173	
81.00			0.189	
82.00			0.215	
83.00			0.235	
84.00			1.571	
85.00			37.75	Take 4 readings
86.00			12.74	
87.00			0.451	
88.00			0.342	
89.00			0.754	
90.00			16.75	
91.00			6.492	
92.00			0.739	
93.00			0.231	
94.00			1.676	
95.00			0.391	
96.00			0.499	
97.00			22.72	
98.00			1.073	
99.00			0.7274	
100.00			0.299	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			1.295	
102.00			1.18	
103.00			0.498	
104.00				shattered core
105.00			0.371	
106.00			0.123	
107.00			0.173	
108.00			0.176	
109.00			0.18	
110.00			5.197	
111.00			14.72	
112.00			13.36	
113.00			16.64	
114.00			27.26	
115.00			33.67	
116.00			34.8	
117.00			33.18	
118.00			37.01	
119.00			38.54	
120.00			17.9	
121.00			30.14	
122.00				shattered core
123.00			28.35	
124.00				shattered core
125.00			25.01	
126.00			3.71	
127.00			10.35	
128.00			0.473	
129.00			0.412	dyke
130.00			0.276	dyke
131.00			0.276	dyke
132.00			0.256	dyke
133.00			0.38	dyke
134.00			0.252	dyke
135.00			0.245	dyke
136.00			0.278	dyke
137.00			0.254	dyke
138.00			0.445	fault contact(?)
139.00			0.625	fault contact(?)
140.00			0.185	fault contact(?)
141.00			0.203	fault contact(?)
142.00			0.146	fault contact(?)
143.00			0.228	fault contact(?)
144.00			0.427	fault contact(?)
145.00			0.348	
146.00			0.615	
147.00			0.288	
148.00			0.246	
149.00			0.74	
150.00			2.283	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.428	
152.00			0.449	
153.00			0.478	
154.00				shattered core
155.00			0.405	
156.00			0.428	
157.00			0.302	
158.00			10.81	
159.00			0.714	
160.00			0.615	
161.00			0.347	
162.00			0.407	
163.00			0.314	dyke
164.00			0.283	dyke
165.00			0.334	dyke
166.00			0.243	dyke
167.00			0.243	dyke
168.00			0.217	dyke
169.00			0.808	
170.00				shattered core
171.00				shattered core
172.00				shattered core
173.00			0.277	
174.00			0.325	
175.00			0.133	
176.00			0.203	
177.00			0.255	
178.00			0.319	
179.00			0.227	
180.00			0.177	
181.00			0.25	
182.00			0.388	
183.00			0.242	
184.00			0.273	
185.00			0.426	
186.00			0.386	
187.00			2.962	
188.00			0.544	
189.00			3.099	
190.00			2.308	
191.00			0.564	
192.00			0.611	
193.00			24.22	
194.00			50.74	
195.00			30.92	
196.00			35.56	
197.00			22.5	
198.00			18.09	
199.00			0.358	
200.00			21.05	

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MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			23.32	
202.00			27.34	
EOH				

BOX LOG

HOLE: KL-11-53

BOX	FROM (m)	TO (m)
1	0.84	5.18
2	5.18	8.98
3	8.98	13.05
4	13.05	17.10
5	17.10	21.00
6	21.00	24.88
7	24.88	29.88
8	29.88	32.79
9	32.79	36.99
10	36.99	40.66
11	40.66	44.70
12	44.70	48.10
13	48.10	51.60
14	51.60	55.50
15	55.50	59.45
16	59.45	63.67
17	63.67	67.46
18	67.46	71.09
19	71.09	75.15
20	75.15	78.75
21	78.75	83.03
22	83.03	86.47
23	86.47	90.35
24	90.35	94.77
25	94.77	98.36
26	98.36	102.57
27	102.57	106.54
28	106.54	110.07
29	110.07	113.84
30	113.84	117.95
31	117.95	121.88
32	121.88	125.42
33	125.42	129.46
34	129.46	133.20
35	133.20	137.47
36	137.47	141.51
37	141.51	145.39
38	145.39	149.24
39	149.24	153.45
40	153.45	157.58
41	157.58	161.50
42	161.50	165.75
43	165.75	169.66
44	169.66	172.96
45	172.96	177.02
46	177.02	181.13
47	181.13	184.79
48	184.79	188.47
49	188.47	191.83
50	191.83	195.89
51	195.89	199.74
52	199.74	202.39
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381109	6891374	1204	300.84

ZONE: Regional Drilling

SECTION:

HOLE: KL-11-54

CLAIM:

Contractor: Elite

Drill:

Core size: BTW

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by: J. Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
300.84	35	-42	Acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.13	2.13	OVB	Casing/No recovery.
2.13	51.67	49.54	GRD	Unaltered (fresh) granodiorite.
51.67	95.19	43.52	GRD	K-feldspar rich granodioirte with occasional 1-5 m
				wide argillic and propylitic altered intervals.
95.19	129.03	33.84	GRD	Patchy altered granodiorite. Biotite alteration and
				abundant k-feldspars.
129.03	188.06	59.03	BXA/GRD	Intensely sericitized, light green coloured, silicious vei
				and breccia zone. Large 15 m wide competent breccia
				zones with abundant smokey quartz veins and
				disseminated pyrite throughout rest of interval.
				Vein/Fault Zone.
188.06	260.55	72.49	GRD	unaltered granodiorite hosting large silica flooded,
				phyllic altered zones. Gouge material common in thes
				intervals.
260.55	288.77	28.22	BXA	Phyllic altered, quartz flooded granodioirte hosting
				wide green breccia zones.
288.77	300.84	12.07	GRD	Unaltered granodioirte. 300.84 EOH.

SAMPLES

Numbers: K863351-K863489

Total: 139

Batch: KL-11-54 Batch 1-4

Date Sent:

Certificate: WH11171057, WH11171467, WH11175441, WH11175445, WH11257950, WH12001849, WH12002739

COMMENTS

GEOLOGY LOG

HOLE: KL-11-54

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	2.13	2.13																									Overburden, no recovery.
2.13	51.67	49.54				GRD	WHBK																				Unaltered (biotite, horneblende, quartz) granodiorite.
			18.08	18.49	0.41		WHGY			50			ARG	50	C	70								Cl	t		Argillic altered granodiorite with a faint potassic/propylitic overprinting. Chlorite in fractures.
			18.18	18.20	0.02	VN	WH	MA			100				VN	70											Grey quartz vein orientated parallel to argillic altered envelope
			23.63	23.75	0.12	APL	PK								DY	80											Aplite dyke
			42.71	44.35	1.64		GNPK						POT	tw										Kf	tw		Patchy potassic/propylitic altered granodiorite. Very rubbled texture. Minor argillic alteration in localized zones. Potassic and propyltitc altered zones are represented by strong K-feldspar and chlorite respectively.
													PRO	tw										Cl	tw		
			44.87	45.20	0.33		WHBK			50	t		ARG	50													Argillic altered granodiorite, soft, highlt broken, localized zones of grey quartz flooding.
			47.37	47.45	0.08		WHBK			s	w		ARG	s	VN	78											Argillic altered envelope around a chalcedonic quartz vein 1 cm wide. Strong argillic alteration.
51.67	53.88	2.21				LTGN			i		f	tw	PRO	tw						t				Se	w		Phyliic altered zone with abundant quartz flooding and veinlets. Rock around fractures are strongly oxidized. Some localized areas host extremely fine grained, weakly disseminated pyrite. Whole interval is light greeen in colour and intensely sericitized.
53.88	95.19	41.31				GRD	BKPK				t		PRO	w										Kf	w		K-feldspar dominated granodiorite, Granodiorite hosts occasional argillic or propyltic altered zones up to about 1 m wide. Intermittent sheeted quartz stringers cross cut zone.
													ARG	w													
			54.85	55.52	0.67		LTPK	FD			w				VT	65											Silica flooded zone hosting abundant chalcedony quartz veinlets. Zone has oxidized fracture surfaces.
			68.20	69.19	0.99		LTGN			s			ARG	s	C	55											Extremely altered (argillic) granodiorite. Very soft, grey green colout (light). Clay alteration boarders to clay gouge. Zone hosts large quartz vein in centre.
			68.75	68.89	0.14	VEN	GY	MA			100				VN	60											Grey/green quartz vein. Clay gouge 1 cm wide (white) on both contacts.
			78.15	78.46	0.31		WHPK			s			POT	s	C	80								He	t	t	Strong argillic altered granodiorite with a strong potassic altered overprint. Minor biotite disseminated in zone (biotite alteration?). Hematite on fratcure surfaces. Chalcedonic quartz stringers cut zone.
																								Bi	t		
			78.80	79.11	0.31		WHPK			s			POT	s	C	80								He	t		Strong argillic altered granodiorite with a strong potassic altered overprint. Minor biotite disseminated in zone (biotite alteration?). Hematite on fratcure surfaces. Chalcedonic quartz stringers cut zone.
																								Bi	t		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			80.55	80.96	0.41		WHPK			s			POT	s	C	75								He	t		Strong argillic altered granodiorite with a strong potassic altered overprint. Minor biotite disseminated in zone (biotite alteration?). Hematite on fratcure surfaces. Chalcedonic quartz stringers cut zone.
																								Bi	t		
			83.00	83.34	0.34	VN	GN	BX	w		s				BX	75											Intensely quartz flooded green breccia zone hosting green to milky quartz. Granodiorite and quartz fragments hosted in quartz matrix. Granodiorite fragments are potassic altered.
95.19	101.86	6.67				GRD	WHPK	FD			w		POT	w										Kf	w		Patchy argillic/potassic altered granodiorite. Moderate quartz flooding thought with intense silification around quartz veins. Argillic alteration is overprinted by potassic alteration. Some localized biotite present (biotite alteration?) Zone is white (argillic) and pink (potassic). Minor oxidation around some fractures.
													ARG	w										Bi	t		
			95.84	96.31	0.47	VEN		FL			100				VN	55											Flowboarded, vuggy quartz vein, white pink and green siliceous bands. Micro breccia near contacts in vein material. Clay gouge in fractures in vein.
			101.26	101.43	0.17	VEN		FL			100				VN	60											Flowboarded, vuggy quartz vein, white pink and green siliceous bands. Micro breccia near contacts in vein material. Clay gouge in fractures in vein.
101.86	114.24	12.38				GRD	GYPK			w			POT	w										Kf	w		K-feldsparnrich granodiorite alternating from dominantly unaltered to argillic/potassic altered envelopes hosting quartz stringers. Strong biotite in granodiorite, Very weak propylitic altered areas around stronger argillic/potassix altered zones. Argillic alteration is overprinted by potassic alteration.
			103.52	104.44	0.92		PKGN				t		POT	f										Kf	f		Propyltic altered granodiorite with potassic altered overprinting hosting spidered, infrequent quartz stringers.
													PRO	f													
			104.44	105.13	0.69		WHPK			f	t		POT	f										Kf	f		Argillic altered granodiorite with a potassic altered overprinting, hosting spidered, infrequent quartz stringers. Trace biotite present (biotite alteration?).
																								Bi	t		
			107.22	107.41			WH			f			PRO	t										Bi	t		Argillic altered zone with weak propyltic envelope 2 cm wide on each side. Trace amounts of biotite present in zone (primary).
			107.79	107.94	0.15		WH			f			PRO	t										Bi	t		Argillic altered zone with weak propyltic envelope 2 cm wide on each side. Trace amounts of biotite present in zone (primary).
			108.84	109.30	0.46		WHPK			s			ARG	s	C	75								Kf	ms		Strongly argillic altered zone hosting a strong potassic overprinting. Quartz stringers (few) present in zone.
			109.30	109.42	0.12	VEN	WH	FL			100		POT	s	VN	75											Flowbanded milky quartz vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			109.42	109.64	0.22		PKGN						PRO	m	C	75								Kf	f		Propylitic altered footwall with a strong potassic altered overprint. K-feldspars are more red than pink.
													POT	f													
			111.86	112.32	0.46		WHPK			w			PRO	w										Kf	w		Moderate propyltic/argillic altered zone with a moderate potassic overprint.
													POT	m										Cl	w		
			114.24	118.32	4.08	GRD	WHPK			ms			POT	ms										Kf	ms		Strongly argillic altered zone with a stronger potassic altered overprint. Zone appears white with bright pink dominated areas, minor propyltic altered envelopes appear distal to fractures. Zone is coarse grained and moderately soft.
													PRO	t													
			115.40	115.52	0.12	VEN	GN	VU		ms	90		POT	t	VN	80											Green coloured quartz vein with 1 cm wide clay gouge at footwall contact. Vein is vuggy and has a quartz flooded, narrow potassic altered envelope.
118.32	129.03	10.71				GRD	GY						PRO	t										Kf	tw		Granodiorite hosting K-feldspar (abundant). Granodiorite is unaltered but contains propyltic/potassic altered but contains propyltic.potassic altered envelopearound quartz stringers.
													POT	t													
			118.64	118.69	0.05	VEN	GNWH						PRO	s	VT	80											Strongly propylitic envelope around a > 1 cm quartz veinlet.
			120.67	120.84	0.17		GNPK				t		PRO	ms										Kf	m		Propyltic sltered zone with a potassic altered overprint hosting two quartz veinlets >1 cm wide. Carbonate in fractures.
													POT	m	VT	70											
			121.62	121.75	0.13		GNPK						PRO	tw										Kf	t		Propyltic altered zone hosting a potassic altered overprinting and numerous, spidered quartz stringers. Weak proplytic and potassic alteration
													POT	tw													
			122.92	123.76	0.84		GNPK						PRO	ms										Kf	w		
													POT	ms													
			127.45	127.71	0.26		GNPK						PRO	tw										Kf	t		Propyltic altered zone hosting a potassic altered overprinting and numerous, spidered quartz stringers. Strong proplytic and potassic alteration
													POT	tw													
129.03	130.15	1.12				VEN	GN	VU			ms		PRO	i	VN	80								CL	m		Intensely proplytic altered grey/milky quartz vein zone, veins hosted in strongly sericitized granodiorite hosting pervasive chlorite and epidote. Light, bright greeen colour. Quartz veins have a highly vuggy texture.
																								Ep	m		
																								Se	ms		
			129.03	128.13	0.10	VEN	GY	VU			100				VN	80											Massive, vuggy, grey quartz vein.
			129.30	129.40	0.10	VEN	GY	VU			100				VN	80											Massive, vuggy, grey quartz vein.
			129.62	129.88	0.26	VEN	GYWH	VU			100				VN	80											Massive, vuggy, grey and milky quartz veins alternations, dominantly milky quartz.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
130.15	135.21	5.06				GRD	GNPK				t		PRO	s										Kf	s		Strongly propyltic/potassic altered granodiorite. Propylitic zones are strongly overprinted by potassic zones. Potassic altered areas appear a strong red colour. Whole interval hosts sporadic milky quartz stringers with various orientations.
													POT	s										Cl	f		
135.21	145.74	10.53				GRD	GRY				t		PRO	tw										Kf	t		Unaltered granodiorite hosting few propyltic/potassic altered areas with frequent chalcedonic quartz stringers. Unaltered granodiorite hosts trace K-feldspar.
													POT	tw													
			136.25	137.59	1.34		PKGN			tw			PRO	tw										Kf	m		Dominantly potassic altered granodiorite with some localized zones of argillic and propylitic alteration. Both of the later alteration types have potassic overprinting. Zone hosts abundant spidered chaledonic quartz veinlets of various orientations.
													POT	m													
			140.57	141.18	0.61		PKGN			tw			PRO	tw										Kf	m		Dominantly potassic altered granodiorite with some localized zones of argillic and propylitic alteration. Both of the later alteration types have potassic overprinting. Zone hosts abundant spidered chaledonic quartz veinlets of various orientations.
													POT	m													
145.74	147.88	2.14				GRD	PKWH			s			POT	s										Kf	m		Strongly argillic altered zone hosting disseminated biotite (biotite alteration) and potassic overprinting. Potassic alteration is very strong. Footwall side of interval grades into propylitc altered granodiorite with narrow argillic altered zones and potassic overprinting.
													PRO	w										Bi	w		
147.88	156.62	8.74				GRD	LTGN		i				PRO	i	C	80								Se	f		Intensely sericitized zone (light green colour) hosting abundant ankorite/quartz veins of varying orientations, all about 1 cm wide. Clay gouge (1 cm wide) found in all fractures. Metallic sericite in zone. Rock is very competent for sucj a light altered area.
			147.88	147.98	0.10		MDGN	BX		i			PRO	w	Bx	75											Brecciated clay gouge zone, Clasts are sericitized green granodiorite (no sulphides).
			149.17	150.00	0.83		GNWH			w			PRO	w										Bi	tw		Abundant argillic alteration with disseminated pyrite and potassic overprinting.
													POT	w													
156.62	157.75	1.13				VEN	DKBK	MA	i		i				VN	75				m							Vein zone. Dark quartz vein hosting blebby to massive pyrite veins and clay gouge. Quartz is flow banded and hosts minor disseminated fine grained sulphides. Gouge/breccia composesthe footwall contact area. Black bands throughout zone.
			157.42	157.48	0.06	FEL	TN	DY							DY	80											Siliceous, fine grained felsic dyke.
			157.48	157.75	0.27	BX	GN	BX							BX	80											Gouge/breccia zone hosting dyke and granodiorite clasts. Extremely soft.
157.75	165.31	7.56				FEL	TN	DY							DY	75											Siliceous, fine grained felsic dyke.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			159.14	159.28	0.14	BX	GN	BX							BX	75											Gouge/breccia zone hosting dyke and granodiorite clasts. Extremely soft.
			162.98	163.47	0.49	BX	DKTN	BX							BX	55											Breccia hosted in siliceous dyke. Clasts are composed if tan and brown dyke material hosted in a dark fine grained matric. Clasts are euhedral and measure about 1 cm accross on average. Strong dyke component.
165.31	166.33	1.02				BX	GNBK	BX			w				Bx	70											Breccia dominated by dyke material. Large siliceous dyke fragments compose clasts. Matrix is a dark green aphanitiv material with abundant tan spots.
166.33	166.62	0.29				VEN	GNBK	FL			90				VN	70								Ep	m		Flow banded milky-grey quartz vein zone with localized blank material similar to black breccia matrix. Zone is dark green and hosts abundant epidote, localized ankorite blebs and stringers throughout.
166.62	168.70	2.08				BX	LTGN		i	w										t				Se	tw		Light green, sericitized breccia zone hosting intense phyllic alteration and green clay gouge as the matrix. Trace amounts of disseminated pyrite throughout zone.
168.70	171.08	2.38				BX	DKGN	BX			w				BX	70											Breccia dominated by dyke material. Large siliceous dyke fragments compose clasts. Matrix is a dark green aphanitiv material with abundant tan spots.
			170.23	170.35	0.12	GRD	LTGN		s											t							Phyllic altered granodioritewith trace amounts of disseminated pyrite.
			171.08	171.84	0.76	FEL	TN	BX			w				BX	70				t							Siliceous felsic dyke moving towards breccia. Dyke is broken throughout but clasts have not developed. Localized breccia development dominated by siliceous dyke. Some clasts are milky quartz with trace amounts of disseminated pyrite.
171.84	173.94	2.10				BX	DKGN	BX			w				BX	70											Breccia dominated by dyke material. Large siliceous dyke fragments compose clasts. Matrix is a dark green aphanitiv material with abundant tan spots.
			172.33	172.54	0.21	FEL	TN	DY							DY	75											Siliceous, fine grained felsic dyke.
173.94	175.67	1.73				BX	GN	BX	tw	f					BX	70				t							Light green coloured, phyllic altered breccia zone. Breccia matrix made up of green clay gouge. Clsats are phyllic altered granodiorite. Rare disseminated fine grained pyrite.
175.67	176.42	0.75				FEL	TN	DY							DY	65											Soft, tan felsic dyke.
			176.10	176.32	0.22	GRD	DKGN						PRO	i										Cl	s		Intensely propylitic altered granodiorite (clasts?). Two mishaped regions. Thin clay gouge envelopes outline the granodiorite. Middle zone has a dyke pinninusla intrude half way through core.
176.42	178.92	2.50				FLT	LTGN	GO	s											t							Clay gouge zone. Extremely soft. Phyllic altered with trace pyrite throughout. More competent zines have strong wide gouge veins cutting though them. Some phyllic altered granodiorite clasts in strong gouge areas.
			178.69	178.80	0.11	VEN	WH	FL			100				VN	40											Low angle milky quartz band. Flowbanded.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
178.92	188.06	9.14				GRD	LTGN		s		t				VN	40								Se	w		Green seriticized granodiorite. Strongly phyllic altered. Cross cut by numerous tan coloured quartz veins. Some zones alternate to argillic/potassic alteration.
			180.09	181.44	1.35		WHBK			w			POT	t										Bi	tw		Argillic altered zone hosting disseminated biotite and weak potassic overprinting. Competent for argillic alteration (m).
													ARG	w										Kf	t		
			183.30	183.63	0.33		WHBK			w			POT	t										Bi	tw		Argillic altered zone hosting disseminated biotite and weak potassic overprinting. Competent for argillic alteration (m).
													ARG	w										Kf	t		
			187.39	188.06	0.67		WHBK			w			POT	t										Bi	tw		Argillic altered zone hosting disseminated biotite and weak potassic overprinting. Competent for argillic alteration (m). Rubbled texture, very soft.
													ARG	w										Kf	t		
188.06	219.34	31.28				GRD	GYGN		t		t		PRO	t	C	75											Unaltered granodiorite interuppted by phyllic/propyltic and argillic alteredzones hosting quartz veins and veinlets. Some of these zones are <1 m in depth. Potassic overprinting of argillic altered zones is still present.
			190.18	191.18	1.00		LTGN	GO	i	w					GO	70				t							Intensely phyllic altered zone moving to gouge. Disseminated pyrite in zone. Minor amount of quartz clasts in gouge (mostly phyllic altered granodiorite).
			201.98	203.92	1.94		GNPK			tw	tw		PRO	tw										Ep	w		Propylitic altered granodiorite with large zones of potassic alteration overprinting argillic alteration. These zones host milky quartz veins with angular anhydrite clasts within. Epidote veinlets associated with these zones.
													POT	tw													
			206.11	207.91	1.80		GNPK			tw	tw		PRO	tw										Ep	w		Propylitic altered granodiorite with large zones of potassic alteration overprinting argillic alteration. These zones host milky quartz veins with angular anhydrite clasts within. Epidote veinlets associated with these zones.
													POT	tw													
			206.89	206.97	0.08	VEN					100				VN	72											Highly broken milky/grey quartz vein.
			207.91	209.36	1.45		LTGN	GO	i	w					GO	70				t							Intensely phyllic altered zone moving to gouge. Disseminated pyrite in zone. Minor amount of quartz clasts in gouge (mostly phyllic altered granodiorite).
			208.16	208.48	0.32	VEN			i		30				VN	75											Milky/smoky quartz vein zone. Quartz veins host angular anhydrite clasts. Zone is intenselt phyllic altered.
			209.36	211.40	2.04		DKGN				t		PRO	w													Propylitic altered granodiorite hosting minor quartz veins and veinlets. Last 20 cm dominated by potassic alteration.
													POT	t													
			211.76	212.15	0.39		GNPK	PA			t		PRO	w													Patchy propylitc/potassic altered granodiorite envelope around a 1 cm wide quartz vein.
													POT	w													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			212.82	212.92	0.10		GNPK	PA			t		PRO	w														Patchy propylitc/potassic altered granodiorite envelope around (4x) quartz stringers.
													POT	w														
			213.63	214.09	0.46		GNPK	FL			t		PRO	w														Patchy propylitc/potassic altered granodiorite envelope around quartz stringers. Quartz flooded.
													POT	w														
			214.41	215.15	0.74		GNTN		tw				PRO	s										Se	t			Strongly propyliic altered granodiorite with sericitized tan coloured zones around quartz veinlets.
			216.15	217.60	1.45		GNPK	PA	t	ms			PRO	ms										Ep	tw			Patchy argillic/propyltic/potassic altered granodiorite. Potassic alteration overprints other two types. Alteration stregthens to phyllic/sericitized tan coloured envelopes around quartz veins and veinlets.
													POT	ms										Kf	tw			
																								Bi	tw			
																								Se	tw			
			217.60	218.08	0.48	VEN	GNWH		i	i					VN	70								Se	w			Intensely phyllic altered granodiorite hosting numerous large quartz veins. Veins are broken and fractures are filled with green gouge clay material.
			218.27	218.69	0.42		GNPK	PA	t	ms			PRO	ms										Ep	tw			Patchy argillic/propyltic/potassic altered granodiorite. Potassic alteration overprints other two types. Alteration stregthens to phyllic/sericitized tan coloured envelopes around quartz veins and veinlets.
													POT	ms										Kf	tw			
																								Bi	tw			
																								Se	tw			
219.34	220.60	1.26				GRD	GNGY	GO	i		30				VN	75				t				Ep	ms			Intensely sericitized grey quartz vein zone, green gouge vein associated with quartz veins. Trace disseminated pyrite in gouge material. Strong epidote in competent granodiorite.
																								Se	i			
220.60	228.08	7.48				GRD	DKGN						PRO	m										Cl	tw			Moderatly propylitic altered granodiorite hosting disseminated chlorite. Small quartz stringers in zone with stronger altered envelopes.
			221.59	221.86	0.27		LTGN		s		m													Se	tw			Phyllic altered granodiorite hosting quartz veins and veinlets.
			222.18	224.44	2.26		LTGN		s		m													Se	tw			Phyllic altered granodiorite hosting quartz veins and veinlets. Grading to potassic alteration with biotite.
			221.82	227.42	5.60		GNPK	PA	m				PRO	m										Bi	tw			Propylitc/potassic/argillic alteration all belnded together. Minor amounts of potassic alteration overprinting. Localized biotite alteration overprinting other types.
													POT	m														
			227.42	278.08	50.66		GNTN		i															Se	i			Intensely phyllic altered granodiorite hosting pervasive tan colouted sercite throughout zone.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
228.08	229.32	1.24				VEN	LTGN	GO	i		30				BX	75				t				Se	i		Intensely sericitized/phyllic altered grey quartz vein zone. Green gouge associated with quartz veins brecciated with milky/grey quartz clasts. Trace disseminated pyrite in gouge material.
229.32	236.57	7.25				GRD	LTGN	FL	ms		m																Moderately phyllic altered zone hosting strong quartz flooding. Very siliceous.
			231.63	232.08	0.45	VEN	WHBK	FB			100				VN	70											Smoky and milky flowbanded quartz vein.
			234.46	234.67	0.21	VEN	LTGN	BX	i		tw				BX	68											Green breccia zone. Clasts are angular quartz and phyllic altered granodiorite. Some quartz veins and veinlets cut the breccia. Breccia dominated by the clasts. Matrix composed of gouge.
236.57	239.23	2.66				GRD	GNPK			t			POT	tw										Ep	tw		Propylitc altered granodiorite with potassic altered overprinting. Localized zones of strong epidote hosting disseminated biotite. Very rare argillic alteration.
													PRO	tw										Kf	tw		
																								Bi	t		
239.23	240.48	1.25				BXA	LTGN	BX	i	i					BX	25				t							Intense phyllic altered green breccia zone hosting localized disseminated pyrite. Clasts are sericitized green granodiorite. Clay gouge makes up the matrix.
240.48	244.05	3.57				GRD	GNPK	PA			t		PRO	w						t				Bi	t		Patchy propylitic and potassic altered granodiorite. Localized disseminated biotite. Epidote veinlets present.
													POT	w										Ep	t		
			240.90	241.23	0.33	VEN	DKGN	BX			80		PRO	i	VN	75											Highly fractured milky/grey quartz vein. Strong green staining. Propylitic altered material in fractures. Vein appears almost brecciated.
			243.24	243.58	0.34	VEN	GN		i		80				VN	60				t				Se	w		Intensely phyllic altered grey quartz vein zone hosting weak disseminated pyrire. Angular anhydrite clasts in quartz vein. Strong sercite in zone.
244.05	246.23	2.18				GRD	GYPK																	Kf	w		Unaltered to lightly altered granodiorite. Some strongly altered zones around quartz veins. Carbonate in fractures.
			245.74	245.85	0.11	VN	LTPK		f		f		POT	f	VN	80								Kf	f		1 cm wide milky quarts vein hosted in a phyllic sericitizied envelope that has strong potassic altered overprinting.
246.23	248.81	2.58				GRD	PKGN						PRO	i										Ep	m		Intensely propylatized granodiorite hosting a strongpotassic overprinting. Moderate epidote throughout. Phyllic altered envelopes around quartz veins and veinlets. Localized zones of argillic and biotite alteration.
													POT	i													
			246.38	246.65	0.27		LTGN	FL	f		f													Se	f		Phyllic altered zone hosting spidered narrow wuartz stringers and strong quartz flooding. Pervasive sercite in zone.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
248.81	260.55	11.74				GRD	DKGN				t		PRO	i	GO	70											Extremely propylitic altered granodiorite (competent) hosting numerous quartz, carbonate and gouge veins. Veins are rarely larger than 1 cm and have a sheet like orientation at 70 degrees. Minor localized phyllics/potassic altered zones.
			251.59	252.47	0.88		PKWH			tw			POT	m										Bi	t		Moderate potassic overprinting with increased argillic alteration. Argillic zone has disseminated biotite.
																								Kf	t		
			253.94	254.50	0.56		PKWH			tw			POT	m										Bi	t		Moderate potassic overprinting with increased argillic alteration. Argillic zone has disseminated biotite.
																								Kf	t		
			254.50	254.64	0.14	VEN	LTGN	GO	i		80				VN	75								Se	f		Intense phyllic altered envelope around a grey quartz vein. 5 cm wide. 1 cm wide gouge material at vein contact.
			256.35	256.85	0.50	BXA	LTGN	BX	i						BX	50								Se	f		Green breccia zone dominated by large phyllic altered granodiorite clasts. Clay gouge makes up breccia matrix. Strong sericite in zone.
			259.77	260.55	0.20	BXA	DKGN	BX			w		PRO	i	BX	30											Strong propylitic altered granodiorite intensely fractured by low angle quartz veins and breccias. Fractures snake through core. Some breccia clasts are potassic altered.
260.55	261.95	1.40				GRD	PKGN						PRO	tw										Bi	t		Propyltic altered granodiorite overprinted by stronf potassic alteration. Weak disseminated biotite in zone (biotite alteration).
													POT	f													
			260.12	261.34	1.22	GRD	PKGN				w		PRO	tw													Propylitic altered granodiorite overprinted by strong potassic alteration that has almost gone to gouge. Material has numerous milky quartz clasts throughout up to 2 cm in diameter.
													POT	f													
261.95	264.91	2.96				BXA	LTGN	BX	i		tw				BX	75											Phyllic altered green breccia zone. Gouge makes up matrix and spiders through more competent zones. Quartz clasts in breccia.
			262.91	263.04	0.13	VEN	GN	FL	i		m				VN	80				t							Milky quartz vein 3 cm wide with intense gouge envelope. Envelope strongly phyllic altered ad hosts trace disseminated pyrite.
264.91	271.02	6.11				GRD	DKGN						PRO	65										Cl	tw		Extremely propylitc altered granodiorite. Highly fractured, rubbly in some locations.
			265.71	265.82	0.11	VEN	GNWH	BX	i		s				VN	75				t							2 cm wide mily quartz vein with green gouge breccia on footwall side. Gouge hosts trace disseminated pyrite.
			265.82	266.23	0.41	BXA	GN	BX	i						Bx	75				t							Weakly developed green breccia zone with gouge as the breccia matrix. Clats dominated, extremely phyllic altered, Localized disseminated pyrite.
			268.03	268.45	0.42	BXA	GN	BX	i						Bx	75				t							Weakly developed green breccia zone with gouge as the breccia matrix. Clats dominated, extremely phyllic altered, Localized disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
271.02	275.02	4.00				BXA	LTGN	GO	i		t				GO	65											Green, highly altered/fractured gouge zone moving to breccia. Smoky quartz veinlets in zone with rare pyrite disseminatedadjacent to them. Very soft.
275.02	280.85	5.83				GRD	LTGN		i	m																	Highly phyllic altered granodiorite with numerous large gouge veins and breccia zones.
			276.24	276.40	0.16	BXA	LTGN	GO	i	m					BX	65											Green breccia zone with gouge as matrix material. Intensely phyllic altered.
			277.38	278.69	1.31	BXA	LTGN	GO	i	m					BX	70											Green breccia zone with gouge as matrix material. Intensely phyllic altered. Milky/smoky quartz clasts in breccia.
			278.26	279.23	0.97	BXA	LTGN	GO	i	m					BX	70											Green breccia zone with gouge as matrix material. Intensely phyllic altered. Milky/smoky quartz clasts in breccia.
			279.49	279.88	0.39	GRD	PKGN						PRO	m													Propylitic altered granodiorite with a potassic altered overprinting, highly fractured.
													POT	ms													
			280.38	280.56	0.18	VEN	GYGN		s		s				VN	65				t							Phyllic altered granodiorite hosting milky and smoky quartz veins associated with rare disseminated pyrite. Veins offset by 1 cm by a low angle 15 degree fault.
280.85	287.22	6.37				GRD	PKGN	PA					POT	ms													Patchy propylitc and potassic altered granodiorite. Extremely fractured with carbonate in most fractures. Localized pods of biotite alteration.
													PRO	ms													
			281.15	281.65	0.50		WHDK	PA		tw			PRO	ms										Bi	tw		Propylitic/potassic zone hosting argillic alteration and disseminated biotite. Much lighter colour than surroundings. Epidote present.
													POT	ms										Ep	tw		
			283.80	284.19	0.39		WHDK	PA		tw			PRO	ms										Bi	t		Propylitic/potassic zone hosting argillic alteration and disseminated biotite. Epidote present.
													POT	ms										Ep	tw		
			285.35	285.48	0.13		LTGN		s															Se	t		Phyllic altered granodiorite, moderate with weak sercite present.
287.22	288.77	1.55				BXA	LTGN		i	ms																	Green breccia zone with gouge as matrix.Very soft, phyllic altered clasts. Clasts are subrounded and rarely potassic altered. Few quartz clasts.
288.77	300.84	12.07				GRD	GYPK						POT	w										Kf	w		K-feldspar rich unaltered granodiorite. Large zone that goes to potassic altered granodiorite around fractures or in highlt fractures areas.
			291.75	291.99	0.24	VEN	LHGN	FL			ms		POT	tw	VN	55											Green and white flow banded quartz vein, postassic altered envelope.
			292.72	292.82	0.10	VEN	LHGN	FL			ms		POT	tw	VN	55											Green and white flow banded quartz vein, postassic altered envelope.
			293.19	293.34	0.15	VEN	LHGN	FL			ms		POT	tw	VN	55											Green and white flow banded quartz vein, postassic altered envelope.
			294.62	295.43	0.81	GRD	GN		ms															Se	w		Sericitiz\ed granodiorite, light green colour with some weak potassic altered packets. Chalcedony quartz stringers in zone (few).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			295.80	295.96	0.16	VEN	LHGN	FL			ms		POT	tw	VN	55											Green and white flow banded quartz vein, postassic altered envelope.
																											END OF HOLE AT 300.84 m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-54

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.13	2.13		0		0				Overburden
2.13	5.18	3.05	2.61	86	0.36	12		FR		
5.18	8.23	3.05	2.99	98	1.01	33	S	FR		
8.23	11.28	3.05	3.01	99	1.01	33	S	FR		
11.28	14.33	3.05	2.94	96	1.50	49	S	FR		
14.33	17.37	3.04	3.05	100	1.21	40	S	FR		
17.37	20.42	3.05	3.00	98	1.53	50	S	FR		
20.42	23.47	3.05	2.77	91	0.83	27	S	FR		
23.47	26.52	3.05	2.97	97	0.00	0	S	FR		
26.52	29.57	3.05	3.02	99	1.19	39	S	FR		
29.57	32.61	3.04	2.77	91	0.87	29	S	FR		
32.61	35.66	3.05	3.00	98	0.34	11	S	FR		
35.66	38.71	3.05	2.86	94	0.48	16	S	FR		
38.71	41.76	3.05	2.95	97	0.92	30	S	FR		
41.76	44.81	3.05	2.68	88	0.34	11	S	SW		
44.81	47.85	3.04	2.82	93	0.00	0	S	SW		
47.85	50.90	3.05	2.83	93	0.73	24	S	SW		
50.90	53.95	3.05	2.41	79	0.71	23	S	SW		
53.95	57.00	3.05	2.84	93	0.71	23	S	SW		
57.00	60.05	3.05	3.03	99	0.25	8	S	SW		
60.05	63.09	3.04	2.69	88	0.54	18	S	SW		
63.09	66.14	3.05	3.05	100	1.27	42	MS	SW		
66.14	69.19	3.05	3.03	99	0.38	12	MS	SW		
69.19	72.24	3.05	2.98	98	1.15	38	MS	SW		
72.24	75.29	3.05	2.95	97	0.79	26	MS	SW		
75.29	78.33	3.04	3.05	100	1.11	37	MS	SW		
78.33	81.38	3.05	2.64	87	0.80	26	MS	SW		
81.38	84.43	3.05	2.75	90	1.39	46	MS	SW		
84.43	87.48	3.05	2.94	96	1.72	56	MS	SW		
87.48	90.52	3.04	2.95	97	1.63	54	MS	SW		
90.52	93.57	3.05	2.97	97	1.45	48	MS	SW		
93.57	96.62	3.05	2.96	97	1.14	37	MS	SW		
96.62	99.67	3.05	2.78	91	0.59	19	MS	FR		
99.67	102.72	3.05	2.73	90	0.85	28	MS	FR		
102.72	105.77	3.05	3.00	98	1.54	50	MS	FR		
105.77	108.80	3.03	2.97	98	1.64	54	MS	FR		
108.80	111.86	3.06	3.05	100	1.86	61	MS	FR		
111.86	114.91	3.05	3.05	100	1.46	48	MS	FR		
114.91	117.96	3.05	3.04	100	1.77	58	MS	FR		
117.96	121.01	3.05	2.97	97	1.71	56	MS	FR		
121.01	124.05	3.04	2.96	97	2.21	73	MS	FR		
124.05	127.10	3.05	3.05	100	1.68	55	MS	FR		
127.10	130.15	3.05	3.00	98	1.23	40	MS	FR		
130.15	133.20	3.05	2.76	90	1.27	42	MS	FR		
133.20	136.25	3.05	2.79	91	1.04	34	MS	FR		
136.25	139.29	3.04	3.03	100	1.69	56	MS	FR		
139.29	142.34	3.05	3.16	104	2.27	74	MS	FR		
142.34	145.39	3.05	3.03	99	1.78	58	MS	FR		
145.39	148.44	3.05	3.02	99	2.18	71	MS	FR		
148.44	151.46	3.02	2.91	96	2.19	73	MS	FR		
151.46	154.53	3.07	2.97	97	1.99	65	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	3.01	99	2.14	70	W	FR		
157.58	160.63	3.05	2.96	97	0.59	19	W	FR		
160.63	163.68	3.05	2.92	96	0.50	16	W	FR		
163.68	166.79	3.11	3.07	99	1.63	52	W	FR		
166.79	169.77	2.98	2.96	99	2.18	73	W	FR		
169.77	172.82	3.05	2.89	95	1.05	34	W	FR		
172.82	175.86	3.04	3.07	101	1.86	61	W	FR		
175.86	178.92	3.06	3.12	102	1.74	57	W	FR		
178.92	181.97	3.05	3.10	102	1.06	35	W	FR		
181.97	185.01	3.04	2.83	93	1.87	62	W	FR		
185.01	188.06	3.05	3.05	100	0.68	22	W	FR		
188.06	191.11	3.05	3.00	98	0.69	23	MS	FR		
191.11	194.16	3.05	3.07	101	1.79	59	MS	FR		
194.16	197.21	3.05		0		0	W	FR		
197.21	200.25	3.04	3.05	100	1.38	45	W	FR		
200.25	203.30	3.05	3.00	98	1.24	41	W	FR		
203.30	206.35	3.05	2.87	94	0.76	25	W	FR		
206.35	209.40	3.05	3.05	100	1.67	55	S	FR		
209.40	212.45	3.05	2.99	98	2.57	84	M	FR		
212.45	215.49	3.04	3.05	100	2.10	69	M	FR		
215.49	218.54	3.05	2.99	98	1.96	64	M	FR		
218.54	221.59	3.05	3.04	100	1.22	40	M	FR		
221.59	224.64	3.05	3.05	100	2.00	66	M	FR		
224.64	227.69	3.05	3.05	100	1.76	58	MS	FR		
227.69	230.73	3.04	2.80	92	0.58	19	M	FR		
230.73	233.78	3.05	2.76	90	1.09	36	M	FR		
233.78	236.83	3.05	2.76	90	1.16	38	M	FR		
236.83	239.88	3.05	2.99	98	1.29	42	M	FR		
239.88	242.93	3.05	2.81	92	0.23	8	M	FR		
242.93	245.97	3.04	3.03	100	1.14	38	M	FR		
245.97	249.02	3.05	2.87	94	1.89	62	M	FR		
249.02	252.07	3.05	3.00	98	1.30	43	M	FR		
252.07	255.10	3.03	3.05	101	0.84	28	M	FR		
255.10	258.17	3.07	3.00	98	1.16	38	M	FR		
258.17	261.20	3.03	3.05	101	1.76	58	M	FR		
261.20	264.26	3.06	3.02	99	1.20	39	M	FR		
264.26	267.31	3.05	2.88	94	0.50	16	M	FR		
267.31	270.36	3.05	3.05	100	1.19	39	M	FR		
270.36	273.41	3.05	2.86	94	0.33	11	M	FR		
273.41	276.45	3.04	2.99	98	1.95	64	M	FR		
276.45	279.50	3.05	2.96	97	1.53	50	M	FR		
279.50	282.55	3.05	3.00	98	1.17	38	M	FR		
282.55	285.60	3.05	2.72	89	0.51	17	M	FR		
285.60	288.65	3.05	3.00	98	0.93	30	M	FR		
288.65	291.69	3.04	2.94	97	0.73	24	M	FR		
291.69	294.74	3.05	2.96	97	1.19	39	M	FR		
294.74	297.79	3.05	3.04	100	1.33	44	M	FR		
297.79	300.84	3.05	2.99	98	1.33	44	M	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-54

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	2.13	2.13	0.00	0							No Sample (overburden
2.13	5.18	3.05	3.05	100	K863351	1					
5.18	9.18	4.00	4.00	100	K863352	1					
9.18	13.18	4.00	4.00	100	K863353	1					
13.18	17.18	4.00	4.00	100	K863354	1					
					K863355	1					Standard: ME-16
17.18	21.18	4.00	4.00	100	K863356	1					
21.18	25.18	4.00	4.00	100	K863357	1					
25.18	29.18	4.00	4.00	100	K863358	1					
29.18	33.18	4.00	4.00	100	K863359	1					
33.18	37.18	4.00	4.00	100	K863360	1					
37.18	41.18	4.00	4.00	100	K863361	1					
					K863362	1					Duplicate
41.18	45.18	4.00	3.81	95	K863363	1					
45.18	48.18	3.00	2.80	93	K863364	1					
48.18	51.67	3.49	3.29	94	K863365	1					Standard: ME-16
					K863366	1					
51.67	53.88	2.21	2.20	100	K863367	1					Blank
					K863368	1					
53.88	57.88	4.00	3.95	99	K863369	1					
57.88	61.88	4.00	3.80	95	K863370	1					
61.88	65.88	4.00	4.00	100	K863371	1					
65.88	68.20	2.32	2.32	100	K863372	1					
					K863373	1					Blank
68.20	69.19	0.99	0.99	100	K863374	1					
69.19	73.19	4.00	4.00	100	K863375	1					
73.19	78.15	4.96	4.90	99	K863376	1					
78.15	80.96	2.81	2.81	100	K863377	1					
80.96	82.67	1.71	1.71	100	K863378	1					
82.67	83.57	0.90	0.90	100	K863379	1					
83.57	87.57	4.00	4.00	100	K863380	1					
87.57	91.57	4.00	4.00	100	K863381	1					
91.57	95.19	3.62	3.60	99	K863382	1					
95.19	96.31	1.12	1.10	98	K863383	1					
96.31	100.86	4.55	4.55	100	K863384	1					
100.86	101.86	1.00	1.00	100	K863385	1					
101.86	105.86	4.00	4.00	100	K863386	1					
105.86	108.84	2.98	2.98	100	K863387	2					
108.84	109.64	0.80	0.80	100	K863388	2					
109.64	114.24	4.60	4.60	100	K863389	2					
114.24	118.32	4.08	4.08	100	K863390	2					
118.32	122.32	4.00	4.00	100	K863391	2					
122.32	126.32	4.00	4.00	100	K863392	2					
126.32	129.03	2.71	2.66	98	K863393	2					
129.03	130.15	1.12	1.12	100	K863394	2					
					K863395	2					Blank
130.15	133.20	3.05	3.05	100	K863396	2					
133.20	135.21	2.01	2.01	100	K863397	2					
					K863398	2					Duplicate
135.21	139.21	4.00	4.00	100	K863399	2					
139.21	143.21	4.00	4.00	100	K863400	2					
143.21	145.74	2.53	2.53	100	K863401	2					
					K863402	2					Standard: ME-16
145.74	147.88	2.14	2.14	100	K863403	2					
147.88	148.44	0.56	0.56	100	K863404	2					
148.44	150.18	1.74	1.74	100	K863405	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
150.18	151.18	1.00	1.00	100	K863406	2					
151.18	154.53	3.35	3.35	100	K863407	2					
154.53	156.31	1.78	1.78	100	K863408	2					
156.31	157.75	1.44	1.44	100	K863409	2					
					K863410	2					Blank
157.75	160.63	2.88	2.88	100	K863411	2					
160.63	162.98	2.35	2.35	100	K863412	2					
162.98	163.47	0.49	0.49	100	K863413	2					
163.47	165.31	1.84	1.84	100	K863414	2					
165.31	166.33	1.02	1.02	100	K863415	2					
166.33	168.70	2.37	2.37	100	K863416	2					
168.70	171.08	2.38	2.38	100	K863417	2					
171.08	171.84	0.76	0.76	100	K863418	2					
171.84	173.94	2.10	2.10	100	K863419	2					
173.94	175.67	1.73	1.73	100	K863420	2					
175.67	176.42	0.75	0.75	100	K863421	2					
					K863422	2					Standard: ME-16
176.42	178.92	2.50	2.50	100	K863423	3					
178.92	180.09	1.17	1.15	98	K863424	3					
180.09	181.44	1.35	1.35	100	K863425	3					
181.44	183.63	2.19	2.11	96	K863426	3					
					K863427	3					Standard: ME-16
183.63	187.39	3.76	3.76	100	K863428	3					
187.39	188.06	0.67	0.60	90	K863429	3					
188.06	190.18	2.12	2.10	99	K863430	3					
190.18	191.18	1.00	1.00	100	K863431	3					
					K863432	3					Blank
191.18	195.18	4.00	4.00	100	K863433	3					
195.18	199.18	4.00	4.00	100	K863434	3					
199.18	201.98	2.80	2.80	100	K863435	3					
201.98	203.92	1.94	1.90	98	K863436	3					
203.92	206.11	2.19	2.00	91	K863437	3					
206.11	207.91	1.80	1.80	100	K863438	3					
					K863439	3					Duplicate
207.91	209.36	1.45	1.45	100	K863440	3					
209.36	211.40	2.04	2.00	98	K863441	3					
211.40	215.15	3.75	3.75	100	K863442	3					
215.15	217.60	2.45	2.45	100	K863443	3					
217.60	219.34	1.74	1.70	98	K863444	3					
219.34	220.60	1.26	1.20	95	K863445	3					
220.60	222.81	2.21	2.15	97	K863446	3					
					K863447	3					Standard: ME-16
222.81	226.42	3.61	3.61	100	K863448	3					
226.42	228.08	1.66	1.66	100	K863449	3					
228.08	229.32	1.24	1.15	93	K863450	3					
229.32	230.73	1.41	1.30	92	K863451	3					
230.73	232.08	1.35	1.20	89	K863452	3					
					K863453	3					Blank
232.08	233.15	1.07	1.00	93	K863454	3					
233.15	236.57	3.42	3.42	100	K863455	3					
236.57	239.23	2.66	2.60	98	K863456	3					
239.23	240.48	1.25	1.25	100	K863457	3					
240.48	244.05	3.57	3.57	100	K863458	3					
244.05	246.23	2.18	2.18	100	K863459	4					
246.23	248.81	2.58	2.55	99	K863460	4					
					K863461	4					Standard: ME-16
248.81	251.45	2.64	2.64	100	K863462	4					
251.45	254.50	3.05	3.00	98	K863463	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
254.50	256.67	2.17	2.03	94	K863464	4					
256.67	257.35	0.68	0.67	99	K863465	4					
257.35	259.77	2.42	2.39	99	K863466	4					
259.77	261.34	1.57	1.57	100	K863467	4					
261.34	261.95	0.61	0.61	100	K863468	4					
261.95	263.94	1.99	1.99	100	K863469	4					
263.94	264.91	0.97	0.97	100	K863470	4					
					K863471	4					Blank
264.91	266.75	1.84	1.80	98	K863472	4					
266.75	268.03	1.28	1.28	100	K863473	4					
268.03	270.36	2.33	2.33	100	K863474	4					
270.36	272.02	1.66	1.59	96	K863475	4					
272.02	275.02	3.00	3.00	100	K863476	4					
275.02	277.38	2.36	2.36	100	K863477	4					
277.38	279.23	1.85	1.85	100	K863478	4					
279.23	280.85	1.62	1.50	93	K863479	4					
					K863480	4					Blank
280.85	283.80	2.95	2.97	101	K863481	4					
283.80	287.22	3.42	3.40	99	K863482	4					
287.22	288.77	1.55	1.55	100	K863483	4					
288.77	291.73	2.96	2.90	98	K863484	4					
291.73	294.62	2.89	2.89	100	K863485	4					
294.62	295.96	1.34	1.30	97	K863486	4					
295.96	297.79	1.83	1.80	98	K863487	4					
					K863488	4					Standard: ME-16
297.79	300.84	3.05	3.05	100	K863489	4					EOH @ 300.84m

DENSITY LOG

Hole: **KL-11-54**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1970.08	1226.8	2000g standard	#DIV/0!	2.65
65.88	GRD							Kf	w	9.67	4.2	325.8	78.9	K-spar rich GRD	2.43	1.32
84.33	GRD							Kf	w	9.9	4.2	360.1	182.8	K-spar rich GRD	2.63	2.03
145.39	GRD							Kf	w	10	4.2	356.4	183.4	K-spar rich GRD	2.57	2.06

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-54

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00			3.685	
4.00			10.29	
5.00			11.29	
6.00			8.78	
7.00			14	
8.00			9.927	
9.00			10.05	
10.00			9.766	
11.00			9.602	
12.00			10.95	
13.00			7.917	
14.00			11.22	
15.00			7.271	
16.00			9.463	
17.00			12.11	
18.00			9.04	
19.00			6.546	
20.00			6.231	
21.00			3.813	
22.00			2.573	
23.00			2.312	
24.00			7.992	
25.00			10.9	
26.00			7.479	
27.00			5.454	
28.00			8.43	
29.00			4.95	
30.00			6.701	
31.00			9.015	
32.00			6.941	
33.00			12.2	
34.00			5.236	
35.00			6.989	
36.00			7.95	
37.00			4.95	
38.00			8.518	
39.00			8.96	
40.00			9.49	
41.00			9.572	
42.00			9.481	
43.00			7.365	
44.00			8.193	
45.00			5.965	
46.00			7.867	
47.00			10.52	
48.00			8.741	
49.00			0.625	
50.00			3.394	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			2.174	
52.00			0.321	
53.00			0.491	
54.00			0.247	
55.00			0.33	
56.00			1.315	
57.00			0.604	
58.00			2.679	
59.00			0.3965	
60.00			6.258	
61.00			3.314	
62.00			7.465	
63.00			3.947	
64.00			11.88	
65.00			9.388	
66.00			3.43	
67.00			10.32	
68.00			0.522	
69.00			2.522	
70.00			0.263	
71.00			10.55	
72.00			9.25	
73.00			0.831	
74.00			6.235	
75.00			12.09	
76.00			14.96	
77.00			8.673	
78.00			1.086	
79.00			8.773	
80.00			8.592	
81.00			5.94	
82.00			0.41	
83.00			0.492	
84.00			9.08	
85.00			10.21	
86.00			14.78	
87.00			17.02	
88.00			12.97	
89.00			12.9	
90.00			11.45	
91.00			11.24	
92.00			13.58	
93.00			10.44	
94.00			12.05	
95.00			0.329	
96.00			0.544	
97.00			1.894	
98.00			0.238	
99.00			0.406	
100.00			1.413	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.372	
102.00			2.362	
103.00			1.42	
104.00			4.081	
105.00			0.768	
106.00			8.969	
107.00			8.999	
108.00			3.671	
109.00			2.076	
110.00			14.41	
111.00			9.764	
112.00			8.81	
113.00			6.847	
114.00			4.622	
115.00			0.244	
116.00			0.389	
117.00			1.332	
118.00			2.011	
119.00			7.214	
120.00			9.746	
121.00			2.065	
122.00			8.488	
123.00			5.271	
124.00			1.36	
125.00			9.913	
126.00			10.62	
127.00			4.214	
128.00			0.495	
129.00			0.457	
130.00			0.562	
131.00			0.157	
132.00			3.695	
133.00			0.237	
134.00			1.858	
135.00			1.774	
136.00			2.811	
137.00			0.65	
138.00			4.901	
139.00			0.8466	
140.00			4.512	
141.00			0.659	
142.00			1.607	
143.00			0.307	
144.00			3.24	
145.00			2.256	
146.00			0.699	
147.00			2.066	
148.00			0.216	
149.00			0.23	
150.00			0.52	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.502	
152.00			0.552	
153.00			0.438	
154.00			2.91	
155.00			0.157	
156.00			0.221	
157.00			5.314	
158.00			0.212	
159.00			0.155	
160.00			0.167	
161.00			0.265	
162.00			0.196	
163.00			0.444	
164.00			0.101	
165.00			0.543	
166.00			2.69	
167.00			2.162	
168.00			0.15	
169.00			0.912	
170.00			0.14	
171.00			0.116	
172.00			0.135	
173.00			0.927	
174.00			2.89	
175.00			0.641	
176.00			0.582	
177.00			0.185	
178.00			0.217	
179.00			0.305	
180.00			1.486	
181.00			0.116	
182.00			0.291	
183.00			2.098	
184.00			0.106	
185.00			0.574	
186.00			0.4696	
187.00			0.273	
188.00			1.424	
189.00			0.17	
190.00			0.494	
191.00			1.669	
192.00			5.421	
193.00			1.965	
194.00			1.52	
195.00			5.843	
196.00			1.06	
197.00			13.86	
198.00			1.326	
199.00			13.76	
200.00			4.717	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.543	
202.00			6.595	
203.00			0.338	
204.00			6.133	
205.00			3.829	
206.00			7.885	
207.00			0.336	
208.00			0.262	
209.00			0.242	
210.00			0.329	
211.00			0.352	
212.00			0.311	
213.00			10.32	
214.00			0.43	
215.00			2.564	
216.00			0.82	
217.00			0.404	
218.00			0.234	
219.00			0.752	
220.00			0.163	
221.00			0.476	
222.00			0.565	
223.00			0.223	
224.00			1.931	
225.00			0.166	
226.00			0.282	
227.00			1.206	
228.00			0.381	
229.00			0.266	
230.00			0.662	
231.00			0.135	
232.00			0.341	
233.00			0.125	
234.00			0.132	
235.00			0.733	
236.00			0.123	
237.00			0.176	
238.00			0.21	
239.00			0.434	
240.00			0.305	
241.00			0.464	
242.00			0.988	
243.00			0.339	
244.00			0.323	
245.00			2.867	
246.00			5.977	
247.00			0.887	
248.00			0.375	
249.00			0.307	
250.00			0.247	
251.00			0.25	
252.00			0.156	
253.00			0.38	
254.00			0.248	
255.00			0.356	
256.00			0.367	
257.00			0.574	
258.00			0.468	
259.00			0.589	
260.00			0.152	
261.00			0.907	
262.00			0.329	
263.00			0.395	
264.00			0.313	
265.00			0.257	
266.00			0.299	
267.00			0.479	
268.00			0.238	
269.00			0.395	
270.00			0.289	
271.00			0.266	
272.00			0.291	
273.00			0.447	
274.00			0.333	
275.00			0.31	
276.00			0.284	
277.00			0.23	
278.00			0.478	
279.00			0.292	
280.00			0.481	
281.00			0.394	
282.00			1.127	
283.00			1.019	
284.00			0.273	
285.00			0.465	
286.00			0.239	
287.00			0.217	
288.00			0.151	
289.00			0.254	
290.00			0.74	
291.00			3.181	
292.00			2.626	
293.00			0.749	
294.00			3.447	
295.00			0.44	
296.00			0.478	
297.00			1.611	
298.00			10.82	
299.00			16.01	
300.00			8.306	EOH

BOX LOG

HOLE: KL-11-54

BOX	FROM (m)	TO (m)
1	0.00	7.67
2	7.67	13.39
3	13.39	18.98
4	18.98	24.61
5	24.61	30.12
6	30.12	35.66
7	35.66	41.34
8	41.34	46.46
9	46.46	51.87
10	51.87	57.85
11	57.85	63.08
12	63.08	67.93
13	67.93	73.29
14	73.29	78.79
15	78.79	84.48
16	84.48	90.10
17	90.10	65.60
18	65.60	100.66
19	100.66	106.47
20	106.47	112.15
21	112.15	117.82
22	117.82	123.38
23	123.38	129.13
24	129.13	134.66
25	134.66	140.47
26	140.47	145.79
27	145.79	151.49
28	151.49	157.20
29	157.20	162.50
30	162.50	168.10
31	168.10	173.66
32	173.66	179.10
33	179.10	184.74
34	184.74	189.90
35	189.90	197.55
36	197.55	201.00
37	201.00	206.75
38	206.75	212.45
39	212.45	218.00
40	218.00	223.49
41A	223.49	228.90
41B	228.90	234.46
42	234.46	239.99
43	239.99	245.53
44	245.53	251.27
45	251.27	256.64
46	256.64	262.17
47	262.17	267.89
48	267.89	273.41
49	273.41	278.97
50	278.97	284.71
51	284.71	189.95
52	189.95	295.25
53	295.25	300.84
	EOH	

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)

ZONE:

SECTION:

HOLE: KL-11-55

CLAIM:

Contractor:

Drill:

Core size:

Casing depth: (m) in / out

Drilling dates:

Geology logged by:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar			compass				

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments

SAMPLES

Numbers:

Total:

Batch:

Date Sent:

Certificate:

COMMENTS

GEOLOGY LOG

HOLE: KL-11-55

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-55

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.66	3.66	1.95	53	0.15	4	MS	EW		OVB
3.66	5.18	1.52	1.14	75	0.26	17	MS	HW		OVB
5.18	8.23	3.05	3.01	99	1.29	42	MS	SW		
8.23	11.28	3.05	3.09	101	1.41	46	MS	SW		
11.28	14.33	3.05	3.00	98	1.14	37	S	MW		
14.33	17.37	3.04	3.05	100	2.22	73	M	MW		
17.37	20.42	3.05	3.08	101	1.66	54	M	MW		
20.42	23.47	3.05	3.06	100	1.17	38	M	MW		
23.47	26.52	3.05	3.00	98	1.21	40	W	MW		
26.52	29.57	3.05	3.04	100	0.55	18	W	SW		
29.57	32.61	3.04	3.04	100	0.10	3	M	SW		
32.61	35.05	2.44	2.55	105	0.81	33	M	SW		
35.05	36.88	1.83	1.75	96	0.10	5	M	SW		
36.88	38.71	1.83	1.61	88	0.25	14	M	SW		
38.71	41.76	3.05	3.02	99	0.28	9	M	SW		
41.76	44.81	3.05	2.97	97	0.52	17	M	SW		
44.81	47.85	3.04	3.06	101	0.13	4	M	SW		
47.85	50.90	3.05	3.08	101	0.88	29	MS	SW		
50.90	53.95	3.05	3.02	99	0.50	16	MS	SW		
53.95	56.99	3.04	3.15	104	0.76	25	MS	SW		
56.99	60.05	3.06	3.03	99	0.59	19	MS	SW		
60.05	63.09	3.04	3.15	104	0.38	13	MS	SW		
63.09	66.14	3.05	3.12	102	0.64	21	MS	FR		
66.14	69.19	3.05	3.02	99	1.86	61	MS	FR		
69.19	72.24	3.05	3.12	102	2.07	68	MS	FR		
72.24	75.29	3.05	3.05	100	2.25	74	S	FR		
75.29	78.33	3.04	3.00	99	0.92	30	S	FR		
78.33	81.38	3.05	3.15	103	0.86	28	S	FR		
81.38	84.43	3.05	3.05	100	0.85	28	S	FR		
84.43	87.48	3.05	3.03	99	0.27	9	S	FR		
87.48	90.53	3.05	3.09	101	1.37	45	S	FR		
90.53	93.57	3.04	2.95	97	2.31	76	S	FR		
93.57	96.62	3.05	3.11	102	1.74	57	S	FR		
96.62	99.67	3.05	3.06	100	1.00	33	S	FR		
99.67	102.72	3.05	3.08	101	1.84	60	S	FR		
102.72	105.77	3.05	3.05	100	1.35	44	S	FR		
105.77	108.81	3.04	3.10	102	1.25	41	S	FR		
108.81	111.86	3.05	3.00	98	0.91	30	S	FR		
111.86	114.91	3.05	3.07	101	1.64	54	S	FR		
114.91	117.96	3.05	3.05	100	1.59	52	S	FR		
117.96	121.01	3.05	3.08	101	1.55	51	S	FR		
121.01	124.05	3.04	3.06	101	1.23	40	S	FR		
124.05	127.10	3.05	3.03	99	1.33	44	MS	FR		
127.10	130.15	3.05	3.04	100	0.41	13	MS	FR		
130.15	133.20	3.05	3.21	105	1.24	41	MS	FR		
133.20	136.25	3.05	3.04	100	0.61	20	MS	FR		
136.25	139.29	3.04	2.97	98	1.91	63	MS	FR		
139.29	142.34	3.05	3.07	101	2.68	88	MS	FR		
142.34	145.39	3.05	3.05	100	1.85	61	MS	FR		
145.39	148.44	3.05	3.12	102	1.68	55	MS	FR		
148.44	151.49	3.05	3.08	101	2.22	73	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	3.01	99	1.83	60	MS	FR		
154.53	157.58	3.05	3.00	98	0.62	20	MS	FR		
157.58	160.63	3.05	2.99	98	1.41	46	S	FR		
160.63	163.68	3.05	2.98	98	1.59	52	S	FR		
163.68	166.73	3.05	3.04	100	2.03	67	MS	FR		
166.73	169.77	3.04	3.06	101	0.87	29	MS	FR		
169.77	172.87	3.10	3.05	98	0.59	19	MS	FR		
172.87	175.07	2.20	3.04	138	1.18	54	MS	FR		
175.07	178.92	3.85	3.15	82	1.02	26	MS	FR		
178.92	181.97	3.05	3.06	100	2.29	75	MS	FR		
181.97	185.01	3.04	3.08	101	1.72	57	MS	FR		
185.01	186.23	1.22	0.94	77	0.17	14	MS	FR		
186.23	187.15	0.92	1.11	121	0.71	77	MS	FR		
187.15	188.06	0.91	1.07	118	0.98	108	MS	FR		
188.06	191.11	3.05	2.98	98	1.57	51	MS	FR		
191.11	194.16	3.05	3.02	99	1.76	58	MS	FR		
194.16	197.21	3.05	3.00	98	1.11	36	MS	FR		
197.21	200.25	3.04	2.98	98	1.57	52	MS	FR		
200.25	203.30	3.05	3.00	98	1.44	47	MS	FR		
203.30	206.35	3.05	3.05	100	1.35	44	MS	FR		
206.35	209.39	3.04	3.06	101	0.66	22	MS	FR		
209.39	212.45	3.06	3.10	101	1.88	61	MS	FR		
212.45	215.49	3.04	3.00	99	2.11	69	S	FR		
215.49	218.54	3.05	3.07	101	2.43	80	S	FR		
218.54	221.59	3.05	3.00	98	2.11	69	S	FR		
221.59	224.64	3.05	3.11	102	2.40	79	S	FR		
224.64	227.69	3.05	3.00	98	2.18	71	S	FR		
227.69	230.73	3.04	3.00	99	1.95	64	S	FR		
230.73	233.78	3.05	3.00	98	2.08	68	S	FR		
233.78	236.83	3.05	2.91	95	1.64	54	S	FR		
236.83	239.88	3.05	3.10	102	1.71	56	MS	FR		
239.88	242.93	3.05	3.08	101	2.41	79	MS	FR		
242.93	245.97	3.04	3.09	102	1.57	52	MS	FR		
245.97	249.02	3.05	3.00	98	1.65	54	MS	FR		
249.02	252.07	3.05	3.05	100	1.12	37	MS	FR		
252.07	255.12	3.05	2.99	98	1.76	58	MS	FR		
255.12	258.17	3.05	3.15	103	1.09	36	MS	FR		
258.17	261.21	3.04	3.04	100	1.04	34	MS	FR		
261.21	264.26	3.05	2.97	97	1.86	61	MS	FR		
264.26	267.30	3.04	3.07	101	1.91	63	MS	FR		
267.30	270.36	3.06	3.06	100	1.38	45	MS	FR		
270.36	273.41	3.05	3.03	99	1.22	40	MS	FR		
273.41	276.45	3.04	3.01	99	1.44	47	MS	FR		
276.45	279.50	3.05	3.10	102	1.12	37	M	FR		
279.50	282.55	3.05	3.05	100	1.01	33	M	FR		
282.55	285.60	3.05	3.02	99	0.79	26	M	FR		
285.60	288.65	3.05	3.08	101	1.30	43	M	FR		
288.65	291.69	3.04	2.92	96	0.58	19	M	FR		
291.69	294.74	3.05	3.07	101	1.66	54	M	FR		
294.74	297.79	3.05	3.05	100	0.15	5	M	FR		
297.79	300.84	3.05	2.86	94	0.65	21	M	FR		
300.84	303.89	3.05	2.93	96	0.92	30	S	FR		
303.89	306.93	3.04	3.08	101	1.58	52	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
306.93	309.98	3.05	3.02	99	1.96	64	S	FR		
309.98	313.03	3.05	3.10	102	0.93	30	S	FR		
313.03	316.08	3.05	3.07	101	0.38	12	S	FR		
316.08	319.13	3.05	2.99	98	1.35	44	S	FR		
319.13	322.17	3.04	3.02	99	1.07	35	S	FR		
322.17	325.22	3.05	3.06	100	1.23	40	S	FR		
325.22	328.27	3.05	3.06	100	1.33	44	S	FR		
328.27	331.32	3.05	3.04	100	1.43	47	S	FR		
331.32	334.37	3.05	3.05	100	1.36	45	S	FR		
334.37	337.41	3.04	3.00	99	1.22	40	S	FR		
337.41	340.46	3.05	3.13	103	2.30	75	S	FR		
340.46	343.51	3.05	3.05	100	2.13	70	S	FR		
343.51	346.56	3.05	2.98	98	1.93	63	S	FR		
346.56	349.61	3.05	2.99	98	1.96	64	S	FR		
349.61	352.65	3.04	2.85	94	2.47	81	S	FR		
352.65	355.70	3.05	3.10	102	1.07	35	S	FR		
355.70	358.75	3.05	3.07	101	1.37	45	S	FR		
358.75	361.80	3.05	3.04	100	0.98	32	S	FR		
361.80	364.54	2.74	2.58	94	0.63	23	S	FR		
364.54	367.59	3.05	3.04	100	1.07	35	S	FR		
367.59	370.64	3.05	3.07	101	0.46	15	MS	FR		
370.64	372.16	1.52	1.40	92	0.11	7	W	FR		
372.16	373.99	1.83	1.76	96	0.12	7	MS	FR		
373.99	377.04	3.05	3.10	102	1.98	65	S	FR		
377.04	380.09	3.05	3.18	104	2.19	72	S	FR		
380.09	383.13	3.04	3.12	103	2.23	73	S	FR		
										EOH @ 383.13m

SAMPLE LOG

HOLE: KL-11-55

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.66	3.66		0							
3.66	5.18	1.52	1.50	99	L829259	1					
5.18	8.23	3.05	3.00	98	L829260	1					
8.23	11.28	3.05	3.05	100	L829261	1					
11.28	14.33	3.05	3.05	100	L829262	1					
14.33	17.37	3.04	3.00	99	L829263	1					
					L829264	1					Standard: CDN-ME-16
17.37	19.00	1.63	1.50	92	L829265	1					
19.00	20.00	1.00	0.88	88	L829266	1					
20.00	21.92	1.92	1.50	78	L829267	1					
21.92	24.09	2.17	2.10	97	L829268	1					
24.09	26.41	2.32	2.20	95	L829269	1					
26.41	27.41	1.00	0.88	88	L829270	1					
					L829271	1					Blank
27.41	30.13	2.72	2.45	90	L829272	1					
30.13	31.18	1.05	1.00	95	L829273	1					
31.18	32.61	1.43	1.30	91	L829274	1					
32.61	34.30	1.69	1.50	89	L829275	1					
					L829276	1					Blank
34.30	36.88	2.58	2.50	97	L829277	1					
36.88	38.71	1.83	1.78	97	L829278	1					
38.71	40.88	2.17	2.10	97	L829279	1					
40.88	42.04	1.16	1.00	86	L829280	1					
42.04	43.37	1.33	1.15	86	L829281	1					
43.37	45.20	1.83	1.67	91	L829282	1					
					L829283	1					Standard: PL-2
45.20	47.21	2.01	2.00	100	L829284	1					
47.21	48.86	1.65	1.60	97	L829285	1					
48.86	50.90	2.04	2.00	98	L829286	1					
					L829287	1					Duplicate
50.90	53.95	3.05	3.05	100	L829288	1					
53.95	55.87	1.92	1.92	100	L829289	1					
55.87	58.26	2.39	2.30	96	L829290	1					
58.26	59.28	1.02	1.00	98	L829291	1					
59.28	60.28	1.00	1.00	100	L829292	1					
60.28	63.15	2.87	2.80	98	L829293	1					
63.15	65.00	1.85	1.70	92	L829294	1					
65.00	66.68	1.68	1.61	96	L829295	2					
66.68	68.53	1.85	1.79	97	L829296	2					
68.53	69.95	1.42	1.30	92	L829297	2					
					L829298	2					Blank
69.95	72.24	2.29	2.21	97	L829299	2					
72.24	75.29	3.05	3.05	100	L829300	2					
75.29	76.00	0.71	0.66	93	L829301	2					
76.00	78.33	2.33	2.11	91	L829302	2					
78.33	81.30	2.97	2.90	98	L829303	2					
					L829304	2					Standard: CDN-ME-16
81.30	82.85	1.55	1.50	97	L829305	2					
82.85	84.43	1.58	1.50	95	L829306	2					
84.43	85.43	1.00	1.00	100	L829307	2					
85.43	87.58	2.15	2.07	96	L829308	2					
87.58	90.53	2.95	2.90	98	L829309	2					
90.53	93.35	2.82	2.78	99	L829310	2					
93.35	94.35	1.00	1.00	100	L829311	2					
					L829312	2					Blank
94.35	95.89	1.54	1.38	90	L829313	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
95.89	96.89	1.00	0.78	78	L829314	2					
96.89	98.75	1.86	1.80	97	L829315	2					
98.75	100.88	2.13	2.10	99	L829316	2					
100.88	102.26	1.38	1.27	92	L829317	2					
102.26	105.67	3.41	3.30	97	L829318	2					
105.67	106.74	1.07	1.00	93	L829319	2					
106.74	108.81	2.07	2.00	97	L829320	2					
108.81	110.79	1.98	1.90	96	L829321	2					
110.79	111.86	1.07	1.00	93	L829322	2					
111.86	113.32	1.46	1.30	89	L829323	2					
					L829324	2					Standard: CDN-ME-16
113.32	115.47	2.15	2.00	93	L829325	2					
					L829326	2					Duplicate
115.47	117.00	1.53	1.47	96	L829327	2					
117.00	119.84	2.84	2.67	94	L829328	2					
119.84	121.73	1.89	1.80	95	L829329	2					
121.73	122.73	1.00	1.00	100	L829330	2					
122.73	125.52	2.79	2.60	93	L829331	2					
125.52	127.10	1.58	1.41	89	L829332	3					
127.10	130.15	3.05	3.05	100	L829333	3					
130.15	131.85	1.70	1.69	99	L829334	3					
131.85	134.03	2.18	2.08	95	L829335	3					
					L829336	3					Standard: CDN-ME-16
134.03	136.25	2.22	2.07	93	L829337	3					
136.25	138.92	2.67	2.60	97	L829338	3					
138.92	139.92	1.00	0.90	90	L829339	3					
139.92	142.34	2.42	2.40	99	L829340	3					
142.34	144.10	1.76	1.76	100	L829341	3					
144.10	146.40	2.30	2.15	93	L829342	3					
146.40	147.40	1.00	1.00	100	L829343	3					
147.40	148.44	1.04	1.00	96	L829344	3					
					L829345	3					Blank
148.44	149.99	1.55	1.50	97	L829346	3					
149.99	151.00	1.01	1.00	99	L829347	3					
151.00	152.50	1.50	1.50	100	L829348	3					
152.50	154.53	2.03	2.00	99	L829349	3					
					L829350	3					Duplicate
154.53	157.30	2.77	2.67	96	L829351	3					
157.30	158.50	1.20	1.02	85	L829352	3					
158.50	160.63	2.13	2.07	97	L829353	3					
160.63	162.44	1.81	1.70	94	L829354	3					
162.44	163.68	1.24	1.13	91	L829355	3					
163.68	166.73	3.05	3.05	100	L829356	3					
166.73	169.77	3.04	3.04	100	L829357	3					
169.77	170.75	0.98	0.90	92	L829358	3					
170.75	172.82	2.07	2.07	100	L829359	3					
172.82	174.29	1.47	1.40	95	L829360	3					
174.29	175.87	1.58	1.49	94	L829361	3					
175.87	178.45	2.58	2.50	97	L829362	3					
					L829363	3					Standard: CDN-ME-16
178.45	179.80	1.35	1.12	83	L829364	3					
179.80	181.43	1.63	1.49	91	L829365	3					
					L829366	3					Blank
181.43	182.52	1.09	1.00	92	L829367	3					
182.52	183.69	1.17	1.07	91	L829368	4					
183.69	185.01	1.32	1.22	92	L829369	4					
185.01	187.61	2.60	2.55	98	L829370	4					
					L829371	4					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
187.61	190.25	2.64	2.46	93	L829372	4					
190.25	193.36	3.11	3.00	96	L829373	4					
193.36	196.23	2.87	2.78	97	L829374	4					
196.23	199.08	2.85	2.70	95	L829375	4					
199.08	200.25	1.17	1.03	88	L829376	4					
200.25	201.25	1.00	1.00	100	L829377	4					
201.25	203.00	1.75	1.69	97	L829378	4					
203.00	204.00	1.00	1.00	100	L829379	4					
204.00	206.35	2.35	2.22	94	L829380	4					
					L829381	4					Standard: CDN-ME-16
206.35	209.39	3.04	3.04	100	L829382	4					
209.39	211.45	2.06	2.00	97	L829400	4					
211.45	212.45	1.00	1.00	100	L829383	4					
					L829384	4					
212.45	215.47	3.02	3.00	99	L829385	4					
215.47	216.47	1.00	0.92	92	L829386	4					
216.47	218.54	2.07	2.00	97	L829387	4					
					L829388	4					Duplicate
218.54	220.68	2.14	2.03	95	L829389	4					
220.68	221.68	1.00	0.78	78	L829390	4					
221.68	224.64	2.96	2.90	98	L829391	4					
224.64	227.69	3.05	3.05	100	L829392	4					
227.69	229.62	1.93	1.88	97	L829393	4					
229.62	232.41	2.79	2.70	97	L829394	4					
232.41	233.71	1.30	1.21	93	L829395	4					
233.71	236.23	2.52	2.39	95	L829396	4					
236.23	238.43	2.20	2.11	96	L829397	4					
238.43	239.43	1.00	0.89	89	L829398	4					
239.43	240.08	0.65	0.60	92	L829399	4					
					L829401	4					Standard: PL-2
240.08	241.20	1.12	1.11	99	L829402	4					
241.20	242.20	1.00	1.00	100	L829403	4					
242.20	243.00	0.80	0.70	87	L829404	5					
243.00	244.00	1.00	0.95	95	L829405	5					
244.00	245.35	1.35	1.32	98	L829406	5					
					L829407	5					Blank
245.35	246.70	1.35	1.31	97	L829408	5					
246.70	247.70	1.00	0.92	92	L829409	5					
247.70	249.74	2.04	2.00	98	L829410	5					
249.74	251.09	1.35	1.20	89	L829411	5					
251.09	252.36	1.27	1.20	94	L829412	5					
252.36	254.34	1.98	1.80	91	L829413	5					
254.34	255.34	1.00	0.90	90	L829414	5					
					L829415	5					Blank
255.34	258.17	2.83	2.70	95	L829416	5					
258.17	261.21	3.04	3.00	99	L829417	5					
261.21	264.46	3.25	3.25	100	L829418	5					
264.46	265.58	1.12	1.10	98	L829419	5					
265.58	266.58	1.00	1.00	100	L829420	5					
266.58	268.52	1.94	1.78	92	L829421	5					
268.52	269.59	1.07	1.07	100	L829422	5					
					L829423	5					Standard: PL-2
269.59	270.97	1.38	1.30	94	L829424	5					
270.97	272.88	1.91	1.87	98	L829425	5					
272.88	273.88	1.00	1.00	100	L829426	5					
273.88	275.34	1.46	1.40	96	L829427	5					
275.34	276.80	1.46	1.39	95	L829428	5					
					L829429	5					Duplicate

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
276.80	278.30	1.50	1.40	93	L829430	5					
278.30	279.99	1.69	1.40	83	L829431	5					
279.99	281.71	1.72	1.69	98	L829432	5					
281.71	283.22	1.51	1.30	86	L829433	5					
283.22	284.22	1.00	0.89	89	L829434	5					
284.22	287.31	3.09	3.09	100	L829435	5					
					L829436	5					Standard: PL-2
287.31	290.00	2.69	2.69	100	L829437	5					
290.00	292.81	2.81	2.81	100	L829438	5					
292.81	293.81	1.00	0.90	90	L829439	5					
293.81	294.99	1.18	1.03	87	L829440	6					
294.99	297.79	2.80	2.70	96	L829441	6					
297.79	298.79	1.00	1.00	100	L829442	6					
298.79	300.84	2.05	2.05	100	L829443	6					
300.84	303.38	2.54	2.46	97	L829444	6					
					L829445	6					Blank
303.38	305.56	2.18	2.01	92	L829446	6					
305.56	306.56	1.00	0.90	90	L829447	6					
306.56	308.25	1.69	1.55	92	L829448	6					
308.25	308.94	0.69	0.60	87	L829449	6					
308.94	310.22	1.28	1.10	86	L829450	6					
310.22	311.22	1.00	1.00	100	L829451	6					
311.22	313.03	1.81	1.67	92	L829452	6					
313.03	314.30	1.27	1.13	89	L829453	6					
314.30	316.08	1.78	1.50	84	L829454	6					
					L829455	6					Standard: CDN-ME-16
316.08	317.18	1.10	1.00	91	L829456	6					
317.18	318.66	1.48	1.38	93	L829457	6					
318.66	320.30	1.64	1.60	98	L829458	6					
320.30	321.15	0.85	0.70	82	L829459	6					
321.15	322.19	1.04	1.00	96	L829460	6					
322.19	325.22	3.03	3.00	99	L829461	6					
325.22	328.27	3.05	3.05	100	L829462	6					
					L829463	6					Standard: CDN-ME-16
328.27	331.32	3.05	3.05	100	L829464	6					
331.32	334.37	3.05	3.05	100	L829465	6					
334.37	337.41	3.04	3.04	100	L829466	6					
337.41	340.46	3.05	3.05	100	L829467	6					
340.46	343.51	3.05	3.05	100	L829468	6					
					L829469	6					Blank
343.51	346.56	3.05	3.00	98	L829470	6					
346.56	348.42	1.86	1.78	96	L829471	6					
348.42	351.19	2.77	2.60	94	L829472	6					
351.19	352.53	1.34	1.22	91	L829473	6					
					L829474	6					Duplicate
352.53	353.63	1.10	1.00	91	L829475	6					
353.63	355.74	2.11	2.00	95	L829476	7					
355.74	356.19	0.45	0.40	89	L829477	7					
356.19	357.19	1.00	1.00	100	L829478	7					
357.19	359.50	2.31	2.21	96	L829479	7					
359.50	360.96	1.46	1.32	90	L829480	7					
360.96	364.54	3.58	3.50	98	L829481	7					
364.54	365.79	1.25	1.25	100	L829482	7					
					L829483	7					Standard: CDN-ME-16
365.79	367.18	1.39	1.32	95	L829484	7					
367.18	368.25	1.07	1.00	93	L829485	7					
368.25	369.64	1.39	1.30	94	L829486	7					
369.64	370.64	1.00	0.99	99	L829487	7					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					L829488	7					Blank
370.64	372.56	1.92	1.83	95	L829489	7					
372.56	373.69	1.13	1.10	97	L829490	7					
					L829491	7					Blank
373.69	374.69	1.00	0.90	90	L829492	7					
374.69	377.04	2.35	2.20	94	L829493	7					
377.04	380.09	3.05	3.05	100	L829494	7					
380.09	380.76	0.67	0.60	90	L829495	7					
380.76	382.22	1.46	1.30	89	L829496	7					
382.22	383.13	0.91	0.80	88	L829497	7					
	EOH										

DENSITY LOG

Hole: **KL-11-55**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	pyrite %	%	%	Other	%							
												1964.5	1744.2	2000g standard		8.92
254.50-54.6	GRD		PHY	i	5					9.746	6.368	808.2	517.5	phyllic altered granodiorite adjacent	2.60	2.78
														to vein, pervasive pyrite.		
254.80-254.90	VEN		silica	90	10					9.676	6.376	882.1	566.1	Quartz vein with blebby pyrite.	2.86	2.79
254.90-255.0	VEN		silica	80	50			Cp	5	9.85	6.364	1066.1	790.1	massive pyrite in a smokey quartz vein.	3.40	3.86
370-370.10	VEN		silica	80	80			Cp	5	9.948	6.327	986.2	613.1	"trace galena", small amounts of cpy	3.15	2.64
								Ga	t							

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-55

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00				OVB
3.00				OVB
4.00			13.36	
5.00			19.18	
6.00			18.06	
7.00			7.654	
8.00			13.09	
9.00			4.767	
10.00			23.36	
11.00			1.269	
12.00			1.214	
13.00			1.809	
14.00			3.034	
15.00			1.157	
16.00			0.613	
17.00			2.934	
18.00			7.549	
19.00			1.261	
20.00			0.97	
21.00			23.91	
22.00			14.66	
23.00			2.086	
24.00			0.854	
25.00			0.817	
26.00			0.705	
27.00			0.835	
28.00			1.035	
29.00			0.552	
30.00			0.599	
31.00			0.562	
32.00			0.398	
33.00			0.406	
34.00			0.27	
35.00			0.433	
36.00			0.098	
37.00			0.037	
38.00			0.099	
39.00			0.059	
40.00			0.103	
41.00			0.265	
42.00			0.3	
43.00			0.361	
44.00			1.091	
45.00			0.948	
46.00			0.671	
47.00			0.798	
48.00			0.458	
49.00			1.048	
50.00			0.589	
51.00			0.791	
52.00			0.758	
53.00			0.958	
54.00			2.294	
55.00			1.353	
56.00			0.789	
57.00			0.653	
58.00			0.236	
59.00			0.465	
60.00			218.5	
61.00			1.166	
62.00			0.709	
63.00			0.522	
64.00			0.375	
65.00			0.392	
66.00			0.37	
67.00			0.521	
68.00			0.747	
69.00			0.799	
70.00			1.224	
71.00			26.29	
72.00			28.37	
73.00			4.542	
74.00			38.05	
75.00			8.35	
76.00			17.88	
77.00			30.26	
78.00			12.32	
79.00			1.905	
80.00			0.671	
81.00			15.47	
82.00			0.619	
83.00			0.726	
84.00			0.384	
85.00			0.518	
86.00			14.26	
87.00			10.95	
88.00			14.21	
89.00			19.59	
90.00			0.718	
91.00			10.2	
92.00			25.35	
93.00			23.15	
94.00			0.916	
95.00			17.74	
96.00			0.652	
97.00			13.84	
98.00			4.738	
99.00			0.669	
100.00			0.515	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.705	
102.00			0.833	
103.00			3.613	
104.00			12.68	
105.00			28.68	
106.00			17.99	
107.00			34.11	
108.00			27.86	
109.00			26.04	
110.00			21.18	
111.00			0.574	
112.00			0.511	
113.00			0.753	
114.00			1.472	
115.00			1.405	
116.00			15.9	
117.00			1.107	
118.00			15.4	
119.00			26.52	
120.00			34.13	
121.00			10.47	
122.00			0.412	
123.00			0.421	
124.00			2.168	
125.00			33.43	
126.00			30.5	
127.00			22.3	
128.00			1.046	
129.00			2.171	
130.00			1.429	
131.00			0.564	
132.00			28.87	
133.00			34.88	
134.00			39.31	
135.00			25.17	
136.00			11.59	
137.00			39.51	
138.00			26.9	
139.00			0.872	
140.00			21.97	
141.00			34.05	
142.00			9.782	
143.00			37.42	
144.00			0.942	
145.00			31.36	
146.00			25.11	
147.00			0.766	
148.00			0.358	
149.00			1.275	
150.00			0.457	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.428	
152.00			0.47	
153.00			1.467	
154.00			7.607	
155.00			0.485	
156.00			0.327	
157.00			0.233	
158.00			0.247	
159.00			0.375	
160.00			4.692	
161.00			7.031	
162.00			0.409	
163.00			0.436	
164.00			0.893	
165.00			1.113	
166.00			2.472	
167.00			12.62	
168.00			13.6	
169.00			28.27	
170.00			32.89	
171.00			1.441	
172.00			26	
173.00			23.16	
174.00			5.226	
175.00			3.107	
176.00			12.03	
177.00			24.15	
178.00			37.94	
179.00			1.953	
180.00			0.264	
181.00			0.215	
182.00			0.08	
183.00			0.192	
184.00			0.301	
185.00			0.214	
186.00			0.139	
187.00			0.272	
188.00			0.876	
189.00			0.847	
190.00			0.653	
191.00			11.72	
192.00			1.265	
193.00			39.69	
194.00			10.45	
195.00			42.02	
196.00			23.38	
197.00			6.121	
198.00			26.54	
199.00			25.46	
200.00			1.106	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			17.81	
202.00			19.91	
203.00			1.249	
204.00			0.456	
205.00			19.69	
206.00			2.185	
207.00			33.65	
208.00			1.429	
209.00			11.71	
210.00			18.72	
211.00			8.318	
212.00			0.39	
213.00			2.233	
214.00			9.314	
215.00			29.62	
216.00			0.636	
217.00			19.92	
218.00			36.44	
219.00			33.74	
220.00			25.73	
221.00			18.04	
222.00			49.11	
223.00			28.24	
224.00			39.54	
225.00			40.68	
226.00			42.87	
227.00			48.3	
228.00			25.91	
229.00			15.24	
230.00			0.527	
231.00			0.891	
232.00			0.432	
233.00			0.271	
234.00			0.308	
235.00			1.149	
236.00			0.318	
237.00			0.964	
238.00			0.36	
239.00			0.647	
240.00			0.265	
241.00			0.244	
242.00			0.329	
243.00			0.629	
244.00			0.869	
245.00			0.202	
246.00			0.4	
247.00			0.439	
248.00			0.517	
249.00			0.311	
250.00			0.432	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.679	
252.00			0.488	
253.00			0.68	
254.00			0.364	
255.00			0.482	
256.00			0.777	
257.00			0.477	
258.00			0.689	
259.00			1.109	
260.00			0.427	
261.00			0.277	
262.00			0.854	
263.00			9.45	
264.00			27.6	
265.00			0.149	
266.00			0.396	
267.00			2.004	
268.00			0.218	
269.00			0.337	
270.00			0.281	
271.00			0.324	
272.00			0.347	
273.00			0.39	
274.00			0.72	
275.00			0.55	
276.00			0.71	
277.00			0.383	
278.00			0.596	
279.00			0.356	
280.00			0.402	
281.00			3.632	
282.00			0.315	
283.00			0.231	
284.00			0.197	
285.00			0.307	
286.00			0.23	
287.00			0.253	
288.00			0.246	
289.00			0.253	
290.00			0.226	
291.00			0.276	
292.00			0.192	
293.00			0.212	
294.00			0.19	
295.00			0.57	
296.00			0.362	
297.00			0.631	
298.00			0.519	
299.00			0.257	
300.00			0.222	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.197	
302.00			0.26	
303.00			0.236	
304.00			0.521	
305.00			0.285	
306.00			0.414	
307.00			0.942	
308.00			0.679	
309.00			0.505	
310.00			0.827	
311.00			0.251	
312.00			0.781	
313.00			8.971	
314.00			3.259	
315.00			0.305	
316.00			4.916	
317.00			5.074	
318.00			0.556	
319.00			0.761	
320.00			21.07	
321.00			0.869	
322.00			0.894	
323.00			10.14	
324.00			0.506	
325.00			25.94	
326.00			32.19	
327.00			28.27	
328.00			31.44	
329.00			11.02	
330.00			26.31	
331.00			32.02	
332.00			25.61	
333.00			1.971	
334.00			25.5	
335.00			34.61	
336.00			21.79	
337.00			31.01	
338.00			27.35	
339.00			25.24	
340.00			21.88	
341.00			31.17	
342.00			37.25	
343.00			32.21	
344.00			45.75	
345.00			0.622	
346.00			10.21	
347.00			8.692	
348.00			16.86	
349.00			0.137	
350.00			0.242	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.266	
352.00			0.55	
353.00			0.34	
354.00			0.21	
355.00			0.413	
356.00			0.12	
357.00			1.052	
358.00			1.419	
359.00			3.619	
360.00			0.329	
361.00			0.312	
362.00			0.321	
363.00			1.335	
364.00			0.667	
365.00			3.803	
366.00			0.098	
367.00			0.839	
368.00			0.293	
369.00			0.045	
370.00			0.269	
371.00			0.385	
372.00			0.086	
373.00			0.017	
374.00			0.198	
375.00			2.47	
376.00			37.24	
377.00			0.216	
378.00			26.95	
379.00			16	
380.00			0.286	
381.00			0.339	
382.00			1.75	
383.00			0.507	EOH @ 383.13m

BOX LOG

HOLE: KL-11-55

BOX	FROM (m)	TO (m)
1	0.00	5.90
2	5.90	10.05
3	10.05	14.34
4	14.13	18.44
5	18.44	22.72
6	22.72	26.95
7	26.95	31.18
8	31.18	35.05
9	35.05	39.37
10	39.37	43.15
11	43.15	46.95
12	46.95	50.90
13	50.90	54.46
14	54.46	58.26
15	58.26	61.97
16	61.97	65.65
17	65.65	69.82
18	69.82	74.07
19	74.07	78.33
20	78.33	82.36
21	82.36	86.45
22	86.45	90.53
23	90.53	95.00
24	95.00	99.04
25	99.04	103.20
26	103.20	107.45
27	107.45	111.57
28	111.57	115.59
29	115.59	119.84
30	119.84	124.05
31	124.06	128.27
32	128.27	132.33
33	132.33	136.59
34	136.59	140.95
35	140.95	145.39
36	145.39	149.65
37	149.65	154.00
38	154.00	158.18
39	158.18	162.69
40	162.69	167.09
41	167.09	171.50
42	171.50	175.56
43	175.56	179.80
44	179.80	183.88
45	183.88	188.02
46	188.02	191.98
47	191.98	196.23
48	196.23	200.53
49	200.53	204.55
50	204.55	208.60
51	208.60	212.45
52	212.45	216.84
53	216.84	221.18
54	221.18	225.56
55	225.56	230.09
56	230.09	234.42
57	234.42	238.89
58	238.89	243.12
59	243.12	247.37
60	247.37	251.77
61	251.77	256.00
62	256.00	260.06
63	260.06	264.46
64	264.46	268.74
65	268.74	272.70
66	272.70	276.83
67	276.83	280.90
68	280.90	285.04
69	285.04	289.22
70	289.22	293.69
71	293.69	297.79
72	297.79	301.97
73	301.97	306.08
74	306.08	310.28
75	310.28	314.30
76	314.30	318.66
77	315.66	323.00
78	323.00	327.21
79	327.21	331.40
80	331.40	335.35
81	335.35	339.37
82	339.37	343.67
83	343.67	348.02
84	348.02	352.53
85	352.53	356.35
86	356.35	360.32
87	360.32	364.54
88	364.54	368.25
89	368.25	372.16
90	372.16	376.15
91	376.15	380.09
92	380.09	383.13
	EOH	

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382964.71	6890028.7	1373.573	238.35

ZONE: KLAZA

SECTION:

HOLE: KL-11-56

CLAIM:

Contractor: Strike

Drill:

Core size: HQ

Casing depth: (m) in / out

Drilling dates:

Geology logged by: C. Richardson

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	146.91	41.2	-48.9	Ranger
55.47	32.5	-48.9	Ranger	177.39	39.8	-48.5	Ranger
85.95	36.3	-48.7	Ranger	207.87	37.3	-48.4	Ranger
116.43	35	-48.8	Ranger	238.35	40.9	-47.9	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Overburden, no recovery.
4.57	40.01	35.44	GRD	Oxidized gougy orange material with rare massive
				sulphide veins. Gouge grades into oxidized, highly
				broken granodiorite.
40.01	112.02	72.01	GRD	Dark propylitic altered granodioirte grading to phyllic
				altered envelopes around quartz/carbonate veins
				hosting disseminated sulphides.
112.02	130.50	18.48	GRD/VEN	Silicious granodioirte hosting abundant vuggy quartz
				veins and pyrite stringers.
130.50	184.04	53.54	GRD	Largely propylitic altered granodiorite.
184.04	203.05	19.01	POR	quartz feldspar porphyry dykes with sulphide veins
				and related breccias in between.
203.05	225.42	22.37	VEN/POR	Abundant massive sulphide veins and breccias
				dominated by sphalerite. VEIN ZONE. Interval ends w
				a 4 m wide feldspar porphyry dyke.
225.42	238.25	12.83	GRD	weakly propylitic altered granodiorite. 238.25 EOH.

SAMPLES

Numbers: K269190 - K269345

Total: 156

Batch: DDH-56 B1-B5

Date Sent:

Certificate: WH11185120, WH11185121, WH11185216, WH11186302, WH11186303, WH11240725

COMMENTS

GEOLOGY LOG

HOLE: KL-11-56

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	4.57					OVB	ORGY	BK				s															Overburden and blocks of slightly altered granodiorite. Most of the interval(~2.5m) missing. Strong zones of orange oxidation. Mafic xenoliths in granodiorite.
4.57	8.98					GRD	GYOF	MA				f	pro	w	VT	90	0.1	3		t							Granodiorite with gougy oxidized subinterval and carbonate veinlets with disseminated pyrite. Orange oxidation is common in broken veinlets. Small phyllic envelopes. Goethite coating in veins.
			4.98	5.31		GRD	OR	GO		s																	Strongly oxidized granodiorite gouge sub-interval. Clasts ~1-5mm wide with orangy-white clay matrix.
8.98	9.34					POR	ORGI	PO		m					FL	~70											Green-orange quartz-feldspar porphyry dyke with phenocrysts 1-2mm wide and gougy contact on the lower contact with the granodiorite. Flow bands present at ~70 degrees.
9.34	13.84					GRD	GNOI	MA	f			m															Phyllic alteration in granodiorite with frequent oxidized carbonate with pyrite. Core mostly broken. Small gouge zone. Disseminated pyrite throughout interval. Black oxidation on veins (goethite).
			13.42	13.58		GRD	OR	GO				s	pot	w													Oxidized gouge interval. Orange clay matrix and granodiorite clasts (1mm-4mm wide). Disseminated pyrite with weak potassic alteration throughout gouge.
			13.54	13.61		VEN	GY								VN	90	7	1		###				CP	f		Massive sulpide vein with pyrite and chalcopyrite.
13.84	40.01					GRD	GY	MA	w	w					ST	~40	0.1	3		t							Mostly unaltered granodiorite with oxidized pyrite and carbonate veins. Some phyllic envelopes surrounding carbonate-pyrite veins and black stingers. Mafic xenoliths common.
			14.15	14.59		GRD	GN	EN	m						ST	38	0.1	3				t	t				Phyllic alteration envelope surrounding smnoky quartz stringers with galena and sphalerite.
			27.19	27.41		GRD	WHO	MA		s																	Broken core-argyllic alteration envelope? White and orange clay.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			32.03	32.24		GRD	LTGN	EN	s						VN	60	1.6			w							Strong phyllic alteration envelope in granodiorite surrounding black carbonate vein with disseminated blebs of pyrite in vein and alteration.
			35.95	36.36		GRD	LTGN	EN		ms					VN	90	1.2			t		t	t				Biege carbonates and smoky quartz vein with sphalerite, pyrite, and galena in phyllic alteration envelope.
			37.43	40.01		GRD	WH			ms	m		pro	f	VN	20	0.3	~3		w							Patches of argyllic (~5-10cm wide) with propyllitic alteration, phyllic alteration, and oxidized pyrite-carbonate veinlets.
40.01	52.05					GRD	LTGN	MA	s	f					VT	80	0.2	4									Strong phyllic alteration in granodiorite with argyllic alteration with gouge subinterval, quartz veins, carbonate veins, and disseminated pyrite with in quartz veins and throughout interval.
			40.15	42.12		GRD	WHO	GO	f	s		w			VN	~75	0.8	5		m		t	t				Gouge subinterval with white-grey clay with smoky quartz veins. Pyrite, sphalerite, and galena in quartz veins. White-grey clay matrix with granodiorite and sulphide clasts (1-8 mm wide). Some orange oxidation in the clays.
			44.80	48.59		GRD	GNOI	GO	s	ms		f			VN	85	25	3?		f		t	t				Gougy subinterval with white-orange clay matrix with granodiorite and quartz vein clasts(1mm-~2cm). Black carbonate veins as well. Sulphides mostly present in quartz veins. Sulphides: pyrite, sphalerite, galena.
52.05	107.20					GRD	DKGN	MA					pro	m	ST	0-90	0.1	7		t		t					Dark propyllitic alteration in granodiorite with phyllic alteration envelopes surrounding smoky quartz and carbonate veins with sulphide. Frequent white carbonate veinlets and stingers. Some gougy subintervals.
			52.05	107.20		GRD	DKGN	MA				m								w							Broken core-carbonate veins with orange-browr oxidation and disseminated pyrite. Difficult to determine structure of veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			53.43	54.54		VEN	OR	GO	ms			f			VN	20	3.5			t							Gouge sub-interval with orange clay matrix and granodiorite and quartz vein clasts (~0.1-2 cm in width). Gouge subinterval surrounding smoky quartz, pink chalcedony, and white carbonate vein. Phyllic alteration surrounding vein. Disseminated pyrite throughout vein, gouge, and alteration.
			55.96	55.99		AP	RD	MA							DK	~80	3.0	1										Red aplite dyke cut by carbonate veinlet with orange oxidation.
			59.93	61.76		GRD	GN	EN	ms						ST	10	0.1	5					t				Phyllic alteration sub-interval with carbonate stringers. Some trace galena in carbonate stringers.
			64.42	66.74		GRD	DKGN	MA		m			pro	s													Propyllitic alteration in granodiorite with gougy carbonate veinlets and argyllic alteration.
			66.74	67.11		GRD	LTGN	EN	s						VT	85	0.8	3									Beige chalcedony veins in strong phyllic alteration envelope.
			67.11	68.32		GRD	DKGN	MA																			Dark green propyllitic alteration with pink clay
			68.88	69.13		GRD	LTGN	BX							VN					t							Milky quartz vein surrounded by light green phyllic envelope . Brecciated on the uphole. Contact with dark propyllitic granodiorite. Disseminated pyrite and white carbonate throughout.
			69.89	70.96		GRD	LTGN	EN	s						VN	90	4.0	3		m		m	t				Phyllic alteration envelope surrounding beige chalcedony, smoky quartz, and blotchy sphalerite, pyrite, and galena.
			75.75	76.08		GRD	LTGN	EN	s						VN	?	<2	1									Phyllic alteration envelope surrounding smoky quartz vein with disseminated pyrite.
			79.62	80.69		GRD	PK	MA		m																	Argyllic atertation in granodiorite . Pink-orange clay throughout subinterval.
			80.76	80.83		VEN	WH	BL							VN	90	1.0	1		f							Blobby pyrite in milky quartz vein with pink anhydrite? Argyllic alteration envelope surrounding.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			81.47	82.55		VEN	GN	GO							VN	10	1?	3?		f							Gougy smoky quartz vein and white carbonate vein interval. Core broken-difficult to determine size and amount of veins in subinterval. Green clay matrix in gouge with colourless quartz+pyrite+granodiorite clasts (1mm-1cm in width).
			83.31	84.51		GRD	GN	MA					pot/pr	w/m	VT	40	0.6	4									Propyllitic and potassic alteration in granodiorite . White carbonate and chalcedony veinlets.
			85.73	86.46		GRD	LTGN	EN	ms						VN	90	5.0	1		m		ms	w				Phyllic alteration envelope in granodiorite surrounding milky quartz and pink chalcedony vein with pyrite+sphalerite+chalcopyrite. Sulphide running in discontinuous blebs across core.
			91.91	92.09		GRD	LTGN	EN	ms	f?					VN	75	4.0	3		w							Phyllic alteration envelope with yellow clay (argillic), chalcedony veinlets, and gougy vein. Disseminated pyrite in gougy gougy vein. Gougy vein with white clay matrix and quartz clasts (1mm-3mm in width).
			95.34	95.48		GRD	LTGN	EN	m						VT	85				m		w	t				Phyllic alteration envelope surrounding smoky quartz vein with orange clay?, disseminated pyrite+sph+ga, and white clay. Net-textured vein.
			98.49	98.91		GRD	LTGN	EN	ms											w							Phyllic alteration envelope with small aplite dykes and smoky quartz vein with black stringers and disseminated pyrite. Disseminated pyrite throughout alteration.
						VEN	GY													w							
						AP	BG	MA																			
			100.27	100.29		AP	RD	MA							DY	74	0.7	1									Small red aplite dyke.
			100.83	101.41		GRD	LTGN	EN	ms						VN	85	3.0	1		w							Milky quartz vein in phyllic envelope. Moderate alteration on outside of envelope and strong alteration on the outside of the envelope and strong alteration 5cm on either side of vein. Disseminated pyrite in vein. Exterior of vein lined with beige quartz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			101.67	101.93		GRD	LTGN	EN	m						VT	90	0.8	2		t		w						Phyllic alteration envelope surrounding small quartz and beige carbonate veinlets. Bleb of sphalerite outside of the veinlet. Fine disseminated pyrite in veinlet.
			105.98	106.03		AP	RD	MA							DY	50	1.2	1										Red aplite dyke cut by fault at 75 degrees . Minimal displacement (2-3cm).
															FT	75	0.1	1									
			106.22	106.58		GRD	LTGN	EN	ms						VN	90	1.1	1										Milky quartz vein with blebs of pyrite. Vein surrounded by phyllic envelope. Black stringers and quartz veinlets with disseminated pyrite throughout envelope.
															VT	85	0.1	3									
107.20	108.81					GRD	GN	MA	s						VT	85	0.2	4		w								Intervel of phyllic alteration with envelopes surrounding dark stringers and quartz veinlets with disseminated pyrite.
			107.66	108.81		GRD	PK	MA		s																	Argyllic alteration in granodiorite. Pink clays
			108.37	108.81		GRD	PK	MA		s																	Argyllic alteration in granodiorite. Pink clays
108.81	112.02					GRD	GN	MA	s																		Interval of phyllic alteration with argillic envelopes surrounding several quartz-carbonate-sulphiden veins.
			109.07	109.47		VEN	GN	EN	s						VN	80	15.5	1									Strong phyllic alteration envelope surrounding smoky quartz vein. Quartz vein mixed with orange carbonate, black stringers, and lots of arseonpyrite with lesser amounts of pyrite and sphalerite. Vuggy carbonate veins. Second vein is smoky and milky quartz with arsenopyrite and disseminated pyrite. Disseminated pyrite in alteration surrounding the vein.
															VN	90	2.5	1									
			109.62	109.86		GRD	GN	EN	s						VN	90	1.7	1									Strong phyllic alteration envelope surrounding milky quartz vein with orange carbonate and arsenpyrite. Quartz vein displaced by fault ~1cm. Arsenopyrite on margins of quartz vein.
															FT	29	0.1	1									
			110.05	110.26		VEN	GY								VN	75	11.0	1		t							Smoky quartz vein with beige carbonate and disseminated pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			110.48	110.68		VEN	BK								VN	60	13.0	1		w	l	f					Milky quartz vein with lots of arsenopyrite and sphalerite. Beige and white carbonate as well. Pyrite in surrounding alteration.
			111.03	111.13		VEN	GY								VN	90	~4	1		w	m	f					Milky quartz vein with beige and white carbonate, arsenopyrite, sphalerite, and pyrite.
112.02	113.47					GRD	OR	GO												w			w				Phyllic alteration with orange oxidation. Orange clay matrix and galena+sphalerite+quartz and altered granodiorite clasts (0.1mm-2.5cm). Soft brown mineral (microcrystalline? With no reaction to acid) throughout gouge zone. Fault zone.
113.47	114.46					VEN	BK								VN	75	~1m	1		s?	w?	f?	t				Smoky quartz vein with white calcite stringers, beige carbonate veinlets, and oxidized brown mineral (mentioned above). Disseminated pyrite, galena, arsenopyrite?, and sphalerite? Very dense core. Swirls of black smoky quartz. Fractured dark quartz. Intermixed carbonate and quartz. Core fractured making vein difficult to characterize.
114.46	118.96					GRD	WH	GO	m	s																	Grey and white clay gougy interval in granodiorite. Clasts (width 0.1mm-~5cm) composed of granodiorite w/ phyllic alteration, smoky quartz, milky quartz, and chalcedony.
118.96	125.41					GRD	LTGN	MA	s											w							Phyllic alteration in granodiorite with frequent beige quartz veinlets, black stringers, small gougy zones (~5cm) with orange oxidation and smoky quartz veir with gougy zone. Small milky quartz veinlets with sphalerite.
			120.98	121.64		VEN	DKG\	GO		ms					VN	65	66.0	1		###	w?	m	t				Smoky quartz vein, quartz flooding, and gouge subinterval. White and orange clay matrix with quartz quartz and granodiorite clasts (1-3mm in width). Irregular lenses of sulphide-pyrite+sphalerite+galena+arsenopyrite?
125.41	127.54					GRD	WHPI	MA	f	s																	Argillic alteration in granodiorite with aplite dyke? and pink clays. Some phyllic alteration.
			127.54	128.76		GRD	BK	MA					pro	w													Weak propyllitic alteration in granodiorite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
128.76	130.50					GRD	WH	MA	m	s					VT	85	0.3	3										Argillic alteration and phyllic alteration in granodiorite. Beige carbonate veinlets. Small red aplite dyke?
															DK	20	0.9	1										
130.50	168.41					GRD	GN	MA					pot/pr	w/m														Lightly altered granodiorite with argilligc and phyllic envelopes and variable weak propyllitic alteration surrounding smoky quartz and carbonate veins.
			131.79	132.38		GRD	GN	EN	m						VT	90	0.8	1		w								Phyllic alteration envelope surrounding dark quartz and sulphide veinlet with pink carbonate. Weak disseminated pyrite.
			134.65	135.26		GRD	LTGN	EN	m	f			pro	w	VN	70	2.0	1		w		ms						Phyllic, argillic, and propyllitic alteration envelope with milky quartz vein containing pyrite and sphalerite.
			136.85	139.50		GRD	LTGN	EN	s						VN	90	4.0	3		ms	ms	f						Phyllic and argillic alteration envelope (pink clay) surrounding intermixed smoky quartz, carbonate, and sulphide veins including pyrite, arsenopyrite, and sphalerite.
			140.18	142.34		GRD	WH	EN	w	s					VT	85	0.4	3										Strong argillic alteration envelope with beige carbonate veinlets.
			143.25	144.13		GRD	GN	EN	m	w			pro	m	VT	85	0.4	3		w		t						Phyllic and propyllitic alteration envelope with carbonate veinlets, and quartz-sulphide veinlets. Disseminated pyrite surrounding veinlets. Pyrite and sphalerite in veinlet.
			147.32	152.98		GRD	DKGN	EN	f				pro	s	VT	85	0.3	5				f						Propyllitic alteration in granodiorite with lesser phyllic alteration. Quartz flooding throughout most of the interverval. Carbonate veinlets, black stringers, and sulphide veinlets throughout. Disseminated pyrite and sphalerite surrounding veinlets in alteration. Milky quartz veins with sulphide as well.
															VN	90	~1	3				w						
			153.29	154.06		GRD	GN	EN	w				pot/pr	w/s	ST	65	0.1	3										Strong propyllitic alteration sub-interval in granodiorite. Weak phyllic alteration. Black stringers. Weak potassic alteration.
			154.68	154.85		AP	RD	DK							DK	26	1.0	1										Red aplite dyke.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			156.69	157.68		GRD	LTGN	EN	s	f			pot	f	VT	80	0.3	5		w?		w?					Phyllic and argilic alteration envelope. Trace potassic alteration surrounding smoky quartz, sulphide veinlets, and smoky quartz-carbonate with pyrite and sphalerite.
															VN	90	1.6	1		w?		w?					
			158.39	158.60		GRD	LTGN	EN	s						VT	70	0.4	4									
															VN	90	2.5	1		w?							Phyllic alteration envelope surrounding grey quartz vein with disseminated pyrite and dark stringers.
			163.15	163.19		AP	RD	DK							DK	85	1.9	1									Red aplite dyke.
168.41	184.05					GRD	LTGN	MA	ms				pro	f													Mixed alteration interval in granodiorite. Mostly phyllic and potassic alteration with small subintervals of propyllitic and argillic alteration. Beige carbonate stringers and quartz veins with sulpihde throughout. Dark propyllitic alteration at the end of the interval along the dyke contact.
			168.41	170.02		GRD	GNPK		m				pot	f	VN	80	2.5	1									Light green and light pink interval surrounding quartz and white clay veins? Bits of surrounding rock floating in clay matrix (gouge?).
			171.05	171.52		VEN	GYGN	EN	s						VN	88	17.0	1		t	m	f					Sulphide and smoky quartz vein surrounded by strong phyllic alteration . Gougy vein interval with white clay, arsenopyrite, spalerite, and pyrite. White clay matrix in gouge
			175.73	176.20		VEN	GY	BX?			70		pot/pr	w/w						t		t					Potassic and phyllic alteration in granodiorite in smoky quartz vein with vuggy green-yellow calcite with pyrite and sphalerite. Altered mafic clast (silicified) incorporated into vein (quartz flooding). Brecciated granodiorite.
			178.10	176.20		VEN	BK								VN	50	2.0	1		s		m	w				Smoky quartz vein with pyrite, sphalerite and galena.
			179.81	180.75		VEN	BK	GO							GO	?	15?	1		s	w?		w	CP	w		Gougy zone with with grey clay, white clay and milky quartz vein with pyrite, galena, chalcopyrite, and arsenopyrite? Carbonate veins and black stringers throughout.
			181.28	182.21		GRD	PK	MA	s				pot	f	VN	90?	0.3	?									Strong phyllic alteration and potassic alteration with pink clay veinlets.
			182.21	183.84		GRD	DKGN						pro	s													Strong propyllitic alteration in granodiorite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
184.05	189.23					POR	GNG\	PO																			Quartz-feldspar porphyry dyke.Green-Grey
189.23	192.28					GRD	GNPK		s				pot	m	VT	50	0.6	4									Phyllic and potassic alteration in granodiorite. Biotite throughout. Black mafic xenoliths throughout. Carbonate veinlets throughout.
192.28	202.57					POR	GNG\	PO							VT	90	0.8	~6									Quartz feldspar porphyry dyke with gougy zone, sulphide vein zone, and quartz veinlets.
			196.40	201.57		POR	GNG\	GO																			Gougy quartz feldspar porphyry with white clay. "Network" textiure with clay fractures.
			196.93	197.08		VEN	GY	GO							VN	?	?	?		w?							Gougy smoky quartz vein with white and grey clay. Quartz and pyrite clasts. Can't determine vein structure.
200.57	201.70					GRD	DKGN	GO	ms				pro	m													First 20cm of interval gougy granodiorite. Phyllic and propyllitic alteration in granodiorite. Frequent black stringers,
201.70	203.05					POR	GYGN	PO																			Quartz-feldspar porphyry dyke
203.05	220.32					GRD	GN	PA	ms				pro	m													Alternating propyllitic and phyllic alteration with argyllic intervals. Quartz-carbonate veins with sulphide and black breccia zones. Hematite coating on some carbonate veins.
			203.79	203.85		VEN	GY								VN	90	3.7	1		ms		f	w				Milky quartz vein with beige carbonate and blocks (1cm in diameter) of pyrite, sphalerite, and galena.
			205.05	206.80		GRD	WHPI	MA							VT	60	1.0	3									Argillic and phyllic alteration in granodiorite. White and pink clay. Carbonate and quartz veinlets throughout.
			208.64	208.73		VEN	BK	MA							VN	90	9.0	1		m		1					MASSIVE sphalerite in milky quartz vein. White carbonate veinlet and blebs of pyrite. Euhedral quartz cuts into sphalerite.
			212.40	212.82		GRD	PK	MA	f	s																	Argillic and phyllic alteration in granodiorite. Pink and white clay.
			213.13	213.20		GRD	BK	BX							BX	75	7.0	1									Black breccia with altered granodiorite clasts (~1mm-1.5cm in diameter).
			215.04	215.39		GRD	BK	BX							BX	90	35.0	1		f		w					Milky quartz clasts, pyrite and sphalerite blebs, and altered granodiorite clasts (0.1-3cm wide) set in fine dark matrix.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			218.51	218.57		VEN	BK	BX							VN	88	6.0	1		w		I						Black breccia and milky quartz vein with band of sphalerite with pyrite blebs. Altered porphyry dyke? and quartz clasts (1mm-3cm wide) in fine black matrix.
			218.71	218.87		GRD	BK	BX							BX	75	16.0	1		w								
220.32	225.42					POR	GYGN	PO							VT	75	0.3	4										Quartz-feldspar porphyry dyke with pink carbonate veinlets (ankerite?). Dark alteration surrounding the veinlets.
225.42	238.35					GRD	GY	MA	ms				pro	w	VN	90	1.5	1		w								Granodiorite with weak propyllitic to no alteration. Quartz veins with sulphides and massive sulphide vein.
			225.42	226.10		GRD	GN	EN	s				pro	f	VN	90	~1	2?		t								Phyllic alteration envelope with strong propylltic zone at the end of the subinterval. Beige carbonate veinlets and black stringers with disseminated pyrite.
			228.11	228.78		GRD	LTGN	EN	m						VN	85	2.0	1		###		w						Phyllic alteration envelope in granodiorite with grey quartz veins. One vein with massive pyrite with disseminated pyrite surrounding.
			232.15	233.11		GRD	LTGN	EN	m																			Phyllic alteration envelope with blebby pink carbonate vein and two milky-white quartz veins with massive sulphide.
			233.64	233.81		VEN	BZ	MA							VN	90	17.0	1		###	w		CP	w				Massive pyrite vein with chalco and arsenopyrite in milky white quartz vein.
			233.90	233.94		VEN	BZ	MA							VN	90	4.0	1		###			CP	f				Blebby quartz, pyrite, and chalcopyrite in milky white quartz vein.
			233.67	235.50		GRD	LTGN	EN	m				pot/pr	w/f	VT	90	0.3	6		w			CP	t				Phyllic alteration envelope with lesser potassic and propyllitic alteration. Quartz veinlets and beige carbonate veinlets. Disseminated pyrite around and in veinlets. Trace chalcopyrite blob in veinlet.
			236.08	236.10		AP	RD	MA							DK	83	2.0	1										Red aplite dyke ~2cm.
																												EOH 238.35m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo			

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS											DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo			

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-56

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.57	4.57	1.89	41	0.35	8	W	HW		
4.57	5.18	0.61	0.45	74	0.13	21	W	HW		
5.18	8.23	3.05	3.03	99	1.41	46	MS	HW		
8.23	11.28	3.05	3.04	100	0.97	32	S	HW		
11.28	14.32	3.04	2.80	92	0.24	8	S	HW		
14.32	17.37	3.05	3.05	100	1.18	39	MS	HW		
17.37	20.42	3.05	3.00	98	1.13	37	S	MW		
20.42	23.47	3.05	2.93	96	1.06	35	S	SW		
23.47	26.52	3.05	3.05	100	1.83	60	S	MW		
26.52	29.56	3.04	2.98	98	1.58	52	S	FR		
29.56	32.61	3.05	3.00	98	1.49	49	S	SW		
32.61	35.66	3.05	3.05	100	1.46	48	W	FR		
35.66	38.71	3.05	2.98	98	0.51	17	W	MW		
38.71	41.76	3.05	2.97	97	0.00	0	S	SW		
41.76	44.86	3.10	3.07	99	0.78	25	MS	SW		
44.86	47.85	2.99	2.95	99	0.42	14	MS	SW		
47.85	50.90	3.05	3.10	102	1.71	56	S	SW		
50.90	53.95	3.05	2.98	98	0.25	8	W	SW		
53.95	57.00	3.05	3.05	100	1.61	53	MS	SW		
57.00	60.04	3.04	3.03	100	0.58	19	W	SW		
60.04	63.09	3.05	2.99	98	1.12	37	S	FR		
63.09	66.14	3.05	3.02	99	0.68	22	MS	FR		
66.14	69.19	3.05	2.92	96	0.45	15	W	FR		
69.19	72.24	3.05	3.04	100	0.86	28	MS	FR		
72.24	75.28	3.04	2.81	92	1.45	48	S	FR		
75.28	78.33	3.05	2.99	98	1.01	33	S	FR		
78.33	81.38	3.05	3.04	100	0.33	11	W	FR		
81.38	84.43	3.05	2.86	94	0.53	17	MS	FR		
84.43	87.48	3.05	3.04	100	2.75	90	MS	FR		
87.48	90.52	3.04	3.02	99	2.45	81	MS	FR		
90.52	93.57	3.05	3.06	100	1.66	54	MS	FR		
93.57	96.62	3.05	2.96	97	1.45	48	MS	FR		
96.62	99.67	3.05	3.06	100	2.01	66	MS	FR		
99.67	102.72	3.05	2.90	95	1.89	62	MS	FR		
102.72	105.77	3.05	3.04	100	1.88	62	MS	FR		
105.77	108.81	3.04	3.01	99	1.31	43	MS	FR		
108.81	111.86	3.05	3.02	99	0.84	28	MS	FR		
111.86	114.91	3.05	2.96	97	0.76	25	W	FR		
114.91	117.96	3.05	3.04	100	2.14	70	W	FR		
117.96	121.00	3.04	2.99	98	1.15	38	W	FR		
121.00	124.05	3.05	3.02	99	1.18	39	MS	FR		
124.05	127.10	3.05	2.93	96	1.36	45	S	FR		
127.10	130.59	3.49	3.05	87	0.95	27	MS	FR		
130.59	133.20	2.61	2.99	115	1.24	48	MS	FR		
133.20	136.25	3.05	2.84	93	0.72	24	S	FR		
136.25	139.29	3.04	2.83	93	0.27	9	S	FR		
139.29	142.34	3.05	3.03	99	1.05	34	S	FR		
142.34	145.39	3.05	2.98	98	0.99	32	MS	FR		
145.39	148.44	3.05	3.04	100	1.34	44	MS	FR		
148.44	151.49	3.05	3.04	100	1.08	35	MS	FR		
151.49	154.53	3.04	2.99	98	1.70	56	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	3.02	99	1.31	43	MS	FR		
157.58	160.63	3.05	2.90	95	1.32	43	MS	FR		
160.63	163.68	3.05	2.93	96	1.22	40	MS	FR		
163.68	166.73	3.05	3.11	102	2.23	73	MS	FR		
166.73	169.77	3.04	3.10	102	1.39	46	MS	FR		
169.77	172.82	3.05	2.96	97	1.52	50	MS	FR		
172.82	175.87	3.05	3.00	98	1.94	64	MS	FR		
175.87	178.92	3.05	3.06	100	2.31	76	MS	FR		
178.92	181.97	3.05	3.05	100	0.90	30	MS	FR		
181.97	185.01	3.04	2.93	96	0.63	21	MS	FR		
185.01	188.06	3.05	3.05	100	2.39	78	MS	FR		
188.06	191.11	3.05	2.91	95	1.31	43	MS	FR		
191.11	194.16	3.05	2.96	97	2.08	68	MS	FR		
194.16	197.20	3.04	2.97	98	0.84	28	MS	FR		
197.20	200.25	3.05	2.93	96	0.61	20	MS	FR		
200.25	203.30	3.05	2.89	95	1.07	35	MS	FR		
203.30	206.35	3.05	2.96	97	1.10	36	MS	FR		
206.35	209.40	3.05	3.03	99	1.88	62	MS	FR		
209.40	212.44	3.04	2.87	94	0.00	0	MS	FR		
212.44	215.49	3.05	3.05	100	0.75	25	MS	FR		
215.49	218.54	3.05	3.00	98	1.16	38	S	FR		
218.54	221.59	3.05	3.09	101	1.60	52	S	FR		
221.59	224.63	3.04	3.06	101	1.03	34	S	FR		
224.63	227.69	3.06	2.92	95	1.54	50	S	FR		
227.69	230.74	3.05	3.01	99	1.12	37	S	FR		
230.74	233.78	3.04	3.01	99	1.56	51	S	FR		
233.78	236.83	3.05	2.87	94	1.12	37	S	FR		
236.83	238.35	1.52	1.60	105	0.00	0	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-56

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
	4.57	4.57		0							OVG NO SAMPLE
4.57	7.80	3.23	2.98	92	K269190	1					
7.80	10.79	2.99	3.00	100	K269191	1					
10.79	13.07	2.28	2.13	93	K269192	1					
13.07	14.07	1.00	0.86	86	K269193	1					
					K269194	1					BLANK
14.07	16.98	2.91	3.00	103	K269195	1					
16.98	19.83	2.85	3.00	105	K269196	1					
19.83	22.92	3.09	3.00	97	K269197	1					
22.92	25.94	3.02	3.02	100	K269198	1					
25.94	29.17	3.23	3.00	93	K269199	1					
29.17	32.22	3.05	3.00	98	K269200	1					
32.22	35.20	2.98	3.00	101	K269201	1					
					K269202	1					STANDARD CDN ME-16
35.20	36.95	1.75	1.27	73	K269203	1					
36.95	40.11	3.16	2.96	94	K269204	1					
40.11	41.41	1.30	1.36	105	K269205	1					
41.41	43.87	2.46	2.27	92	K269206	1					
43.87	44.80	0.93	0.92	99	K269207	1					
					K269208	1					DUPLICATE
44.80	46.52	1.72	1.53	89	K269209	1					
46.52	48.85	2.33	2.04	88	K269210	1					
					K269211	1					STANDARD CDN ME-16
48.85	49.85	1.00	0.98	98	K269212	1					
49.85	50.85	1.00	1.00	100	K269213	1					
50.85	52.10	1.25	1.21	97	K269214	1					
52.10	53.42	1.32	1.09	83	K269215	1					
53.42	54.77	1.35	1.04	77	K269216	1					
					K269217	1					BLANK
54.77	57.77	3.00	3.00	100	K269218	1					
57.77	60.04	2.27	2.22	98	K269219	1					
60.04	63.09	3.05	2.91	95	K269220	1					
63.09	66.14	3.05	3.10	102	K269221	1					
66.14	68.84	2.70	2.56	95	K269222	1					
68.84	70.40	1.56	1.66	106	K269223	1					
70.40	71.40	1.00	0.94	94	K269224	1					
71.40	74.35	2.95	3.00	102	K269225	1					
74.35	77.58	3.23	3.00	93	K269226	2					
77.58	80.47	2.89	2.88	100	K269227	2					
80.47	81.47	1.00	1.00	100	K269228	2					
81.47	83.12	1.65	1.69	102	K269229	2					
83.12	85.73	2.61	2.61	100	K269230	2					
85.73	86.46	0.73	0.74	101	K269231	2					
					K269232	2					BLANK
86.46	89.53	3.07	3.00	98	K269233	2					
89.53	91.87	2.34	2.29	98	K269234	2					
91.87	93.09	1.22	1.23	101	K269235	2					
93.09	96.19	3.10	3.00	97	K269236	2					
96.19	97.79	1.60	1.59	99	K269237	2					
97.79	98.92	1.13	1.13	100	K269238	2					
					K269239	2					STANDARD ME-16
98.92	100.83	1.91	1.87	98	K269240	2					
100.83	101.83	1.00	1.00	100	K269241	2					
101.83	104.84	3.01	3.00	100	K269242	2					
104.84	105.95	1.11	1.14	103	K269243	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
105.95	106.87	0.92	0.92	100	K269244	2					
					K269245	2					STANDARD ME 16
106.87	109.12	2.25	2.09	93	K269246	2					
109.12	111.13	2.01	2.06	102	K269247	2					
					K269248	2					BLANK
111.13	112.25	1.12	1.10	98	K269249	2					
112.25	113.47	1.22	1.22	100	K269250	2					
113.47	114.46	0.99	1.00	101	K269251	2					
114.46	115.44	0.98	1.00	102	K269252	2					
115.44	117.96	2.52	2.57	102	K269253	2					
117.96	120.65	2.69	2.64	98	K269254	2					
120.65	121.63	0.98	1.00	102	K269255	2					
121.63	122.95	1.32	1.34	102	K269256	2					
122.95	124.05	1.10	1.09	99	K269257	2					
					K269258	2					DUPLICATE
124.05	127.10	3.05	2.98	98	K269259	2					
127.10	130.00	2.90	3.00	103	K269260	2					
130.00	132.96	2.96	3.00	101	K269261	2					
132.96	134.65	1.69	1.78	105	K269262	3					
134.65	135.70	1.05	1.00	95	K269263	3					
135.70	137.10	1.40	1.26	90	K269264	3					
137.10	138.00	0.90	0.80	89	K269265	3					
138.00	140.91	2.91	3.00	103	K269266	3					
					K269267	3					Standard: CDN-ME-16
140.91	143.87	2.96	3.00	101	K269268	3					
143.87	145.39	1.52	1.52	100	K269269	3					
145.39	147.32	1.93	1.93	100	K269270	3					
147.32	149.02	1.70	1.70	100	K269271	3					
149.02	150.02	1.00	1.00	100	K269272	3					
					K269273	3					Duplicate
150.02	151.47	1.45	1.42	98	K269274	3					
151.47	152.53	1.06	1.05	99	K269275	3					
152.53	153.53	1.00	1.00	100	K269276	3					
153.53	154.87	1.34	1.34	100	K269277	3					
154.87	156.69	1.82	1.82	100	K269278	3					
156.69	157.69	1.00	1.00	100	K269279	3					
157.69	159.04	1.35	1.32	98	K269280	3					
159.04	160.78	1.74	1.71	98	K269281	3					
160.78	163.68	2.90	2.87	99	K269282	3					
163.68	166.30	2.62	2.62	100	K269283	3					
166.30	167.30	1.00	1.00	100	K269284	3					
167.30	168.41	1.11	1.10	99	K269285	3					
168.41	169.41	1.00	1.00	100	K269286	3					
					K269287	3					Blank
169.41	170.56	1.15	1.15	100	K269288	3					
170.56	171.56	1.00	1.00	100	K269289	3					
171.56	173.57	2.01	2.00	100	K269290	3					
					K269291	3					Standard: CDN-ME-16
173.57	174.62	1.05	1.05	100	K269292	3					
174.62	175.69	1.07	1.05	98	K269293	3					
175.69	176.69	1.00	1.00	100	K269294	3					
176.69	177.38	0.69	0.69	100	K269295	3					
177.38	178.38	1.00	1.00	100	K269296	3					
					K269297	3					Blank
178.38	179.78	1.40		0	K269298	4					
179.78	180.78	1.00	1.00	100	K269299	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
180.78	181.28	0.50	0.50	100	K269300	4					
181.28	184.05	2.77	2.77	100	K269301	4					
184.05	185.06	1.01	1.00	99	K269302	4					
185.06	188.06	3.00	3.00	100	K269303	4					
188.06	189.71	1.65	1.60	97	K269304	4					
189.71	192.28	2.57	2.53	98	K269305	4					
					K269306	4					Standard: CDN-ME-16
192.28	194.82	2.54	2.51	99	K269307	4					
194.82	195.40	0.58	0.58	100	K269308	4					
195.40	196.43	1.03	1.00	97	K269309	4					
196.43	197.20	0.77	0.70	91	K269310	4					
					K269311	4					Blank
197.20	199.61	2.41	2.30	95	K269312	4					
199.61	200.80	1.19	1.15	97	K269313	4					
200.80	201.70	0.90	0.92	102	K269314	4					
201.70	203.04	1.34	1.32	99	K269315	4					
203.04	204.04	1.00	1.00	100	K269316	4					
					K269317	4					Blank
204.04	206.63	2.59	2.00	77	K269318	4					
206.63	207.63	1.00	1.00	100	K269319	4					
207.63	208.63	1.00	1.00	100	K269320	4					
208.63	209.63	1.00	1.00	100	K269321	4					
209.63	211.32	1.69	1.69	100	K269322	4					
211.32	212.20	0.88	0.88	100	K269323	4					
212.20	213.21	1.01	1.01	100	K269324	4					
213.21	215.59	2.38	2.38	100	K269325	4					
					K269326	4					Standard: CDN-ME-16
215.59	216.48	0.89	0.89	100	K269327	4					
216.48	217.33	0.85	0.85	100	K269328	4					
					K269329	4					Duplicate
217.33	218.28	0.95	1.00	105	K269330	4					
218.28	219.28	1.00	1.00	100	K269331	4					
219.28	220.32	1.04	1.03	99	K269332	4					
220.32	221.59	1.27	1.27	100	K269333	4					
221.59	223.94	2.35	2.35	100	K269334	5					
223.94	225.42	1.48	1.48	100	K269335	5					
225.42	226.42	1.00	1.00	100	K269336	5					
226.42	228.11	1.69	1.69	100	K269337	5					
228.11	228.78	0.67	0.67	100	K269338	5					
					K269339	5					Blank
228.78	230.67	1.89	1.89	100	K269340	5					
230.67	232.23	1.56	1.56	100	K269341	5					
232.23	233.23	1.00	1.00	100	K269342	5					
233.23	235.63	2.40	2.40	100	K269343	5					
					K269344	5					Standard: CDN-ME-16
235.63	238.35	2.72	2.72	100	K269345	5					
	EOH										

DENSITY LOG

Hole: **KL-11-56**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
												1999.15	1703	2000g Standard		6.75
49.62	GRD	MA	arg	ms						10.199	6.32	811.7	473.5		2.54	2.40
73.22	GRD	MA	prop	f						9.7	6.316	791.2	467.5		2.60	2.44
												2003.8	1864	2000g Standard		14.33
175.3	GRd	MA	arg/phy	ms						9.226	6.353	736.2	447.2		2.52	2.55
192.51	POR	dyke								10.153	6.395	866.3	544.7		2.66	2.69

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-56

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				OVB
2.00			29.33	
3.00			16.71	
4.00			9.632	
5.00			41.43	
6.00			38.62	
7.00			34.87	
8.00			6.701	
9.00			0.81	
10.00			2.174	
11.00			1.928	
12.00			0.842	
13.00			0.363	
14.00			5.514	
15.00			23.89	
16.00			39.3	
17.00			41.05	
18.00			37.23	
19.00			39.04	
20.00			35.37	
21.00			36.18	
22.00			51.52	
23.00			37.71	
24.00			35.09	
25.00			37.36	
26.00			38.54	
27.00			1.91	
28.00			31.86	
29.00			31.56	
30.00			26.81	
31.00			34.3	
32.00			37.25	
33.00			35.73	
34.00			9.953	
35.00			7.207	
36.00			32.64	
37.00			0.402	
38.00			1.478	
39.00			0.5	
40.00			0.354	
41.00			0.28	
42.00			0.431	
43.00			0.366	
44.00			0.287	
45.00			0.415	
46.00			0.32	
47.00			0.372	
48.00			0.289	
49.00			0.69	
50.00			0.506	
51.00			0.321	
52.00			0.501	
53.00			0.224	
54.00			0.215	
55.00			0.419	
56.00			0.46	
57.00			1.045	
58.00			28.72	
59.00			17.23	
60.00			22.88	
61.00			0.52	
62.00			0.456	
63.00			0.51	
64.00			0.425	
65.00			4.472	
66.00			1.669	
67.00			0.704	
68.00			1.326	
69.00			0.466	
70.00			0.75	
71.00			0.395	
72.00			1.567	
73.00			26.99	
74.00			4.845	
75.00			2.695	
76.00			0.561	
77.00			5.694	
78.00			5.896	
79.00			1.104	
80.00			5.131	
81.00			5.745	
82.00			1.603	
83.00			1.519	
84.00			2.209	
85.00			10.76	
86.00			0.506	
87.00			42.67	
88.00			47.33	
89.00			47.76	
90.00			40.84	
91.00			1.36	
92.00			1.171	
93.00			4.399	
94.00			24.83	
95.00			24.83	
96.00			23.88	
97.00			25.14	
98.00			0.175	
99.00			1.044	
100.00			1.235	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.792	
102.00			24.28	
103.00			27.88	
104.00			29.55	
105.00			37.92	
106.00			2.802	
107.00			11.85	
108.00			0.502	
109.00			0.361	
110.00			0.347	
111.00			0.423	
112.00			0.461	
113.00			0.324	
114.00			0.204	
115.00			0.318	
116.00			0.285	
117.00			0.297	
118.00			0.351	
119.00			0.325	
120.00			0.334	
121.00			0.155	
122.00			0.5	
123.00			2.043	
124.00			0.302	
125.00			0.581	
126.00			0.427	
127.00			0.463	
128.00			45.08	
129.00			1.882	
130.00			6.788	
131.00			29.44	
132.00			0.472	
133.00			21.26	
134.00			28.39	
135.00			0.498	
136.00			20.54	
137.00			0.539	
138.00			6.438	
139.00			3.909	
140.00			39.03	
141.00			0.623	
142.00			18.79	
143.00			0.549	
144.00			10.77	
145.00			74.76	
146.00			45.84	
147.00			36.86	
148.00			0.798	
149.00			1.056	
150.00			0.25	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.87	
152.00			0.529	
153.00			5.539	
154.00			7.325	
155.00			10.18	
156.00			105.9	
157.00			1.278	
158.00			44.95	
159.00			32.79	
160.00			38.86	
161.00			22.79	
162.00			2.952	
163.00			35.66	
164.00			14.38	
165.00			34.52	
166.00			40.19	
167.00			11.24	
168.00			24.96	
169.00			0.668	
170.00			11.83	
171.00			0.449	
172.00			5.755	
173.00			0.683	
174.00			0.355	
175.00			0.435	
176.00			0.317	
177.00			0.479	
178.00			0.537	
179.00			0.771	
180.00			0.71	
181.00			0.699	
182.00			0.611	
183.00			11.12	
184.00			0.358	
185.00			0.277	
186.00			0.327	
187.00			0.259	
188.00			0.34	
189.00			0.316	
190.00			0.637	
191.00			0.99	
192.00			0.213	
193.00			0.373	
194.00			0.378	
195.00			0.531	
196.00			0.448	
197.00			0.111	
198.00				
199.00				
200.00				

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00				
202.00				
203.00				
204.00				
205.00			4.717	
206.00			0.499	
207.00			15.21	
208.00			0.807	
209.00			0.418	
210.00			18.91	
211.00			29.63	
212.00			0.543	
213.00			0.525	
214.00			0.61	
215.00			0.334	
216.00			27.24	
217.00			23.52	
218.00			0.644	
219.00			0.601	
220.00			0.714	
221.00			0.342	
222.00			0.29	
223.00			0.15	
224.00			0.265	
225.00			0.352	
226.00			0.552	
227.00			33.97	
228.00			19.29	
229.00			38.68	
230.00			11.27	
231.00			4.363	
232.00			0.552	
233.00			2.091	
234.00			18.41	
235.00			0.545	
236.00			38.54	
237.00			41.36	
EOH				

BOX LOG

HOLE: KL-11-56

BOX	FROM (m)	TO (m)
1	0.00	6.38
2	6.38	10.13
3	10.13	13.58
4	13.58	17.47
5	17.47	21.39
6	21.39	25.54
7	25.54	29.56
8	29.56	33.71
9	33.71	37.81
10	37.81	41.41
11	41.41	45.10
12	45.10	48.55
13	48.55	52.49
14	52.49	56.54
15	56.54	60.28
16	60.28	64.19
17	64.19	68.12
18	68.12	71.75
19	71.75	76.68
20	76.68	79.72
21	79.72	83.12
22	83.12	86.97
23	86.97	91.05
24	91.05	95.15
25	95.15	99.03
26	99.03	103.23
27	103.23	107.22
28	107.22	111.25
29	111.25	114.86
30	114.86	119.12
31	119.12	122.95
32	122.95	127.10
33	127.10	130.59
34	130.59	134.36
35	134.36	138.00
36	138.00	141.57
37	141.57	145.23
38	145.23	148.79
39	148.79	152.86
40	152.86	156.95
41	156.95	160.78
42	160.78	164.72
43	164.72	168.41
44	168.41	172.72
45	172.72	176.84
46	176.84	180.75
47	180.75	184.79
48	184.79	188.99
49	188.99	193.45
50	193.45	197.35
51	197.35	203.38
52	203.38	205.05
53	205.05	208.94
54	208.94	212.44
55	212.44	216.15
56	216.15	220.38
57	220.38	223.94
58	223.94	228.06
59	228.06	231.86
60	231.86	235.13
61	235.13	238.35
EOH		

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			383031.89	6890034.7	1365.926	188.06

SECTION:

HOLE: KL-11-57

CLAIM:

Contractor: Strike

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by: Jared Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	96.62	35.7	-50.7	Ranger
5.18	32.3	-50.9	Ranger	127.10	32.3	-50.7	Ranger
35.66	33.5	-50.7	Ranger	157.58	36.4	-51.1	Ranger
66.14	36.8	-50.5	Ranger				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.86	6.86	OVB	Casing/No recovery.
6.86	35.52	28.66	GRD	Strongly limonite and manganese stained, sandy
				textured granodiorite. Gouge material rare.
35.52	68.90	33.38	GRD	repeating sequences of every alteration style. Phyllic
				and argillic alteration is dominate and associated with
				proximity to quartz/gouge veins crosscutting interval.
68.90	122.79	53.89	GRD	Largely unaltered granodioirte. Some speckled argillic
				and propylitic altered intervals.
122.79	158.30	35.51	GRD/VEN	Weak vein zone dominated by quartz veins and
				intensely phyllic altered granodioirte hosting pervasive
				pyrite.
158.3	169.15	10.85	POR/VEN	Strong vein/breccia interval starting with a 5 m wide
				quartz feldspar porphyry dyke. Massive sulphide veins
				present. Wide black breccia veins common.
169.15	188.06	18.91	GRD	Unaltered granodiorite with multiple strong chalcedon
				quartz veins crosscutting interval. 188.06 EOH.

SAMPLES

Numbers: L829498-L829500, L828001-L828107

Total: 110

Batch: KL-11-57 Batch 1-4

Date Sent:

Certificate: WH11196873, WH11198192, WH11198198, WH11198580

COMMENTS

GEOLOGY LOG

HOLE: KL-11-57

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	6.86	6.86				OVB																					Overburden mixed argillic/dirt/and granodiorite rocks. Unsampled.
6.86	9.30	2.44				GRD	WH			i		tw	ARG	i													Rubbled, sandy textured, manganese limonite stained granodiorite. Strongly argillic altered white black speckled. Some competent granodiorite fragments.
9.30	35.52					GRD	GY		t			t															Unaltered granodiorite minor limonite staining in fractures. Some weakly altered intervals hosting quartz veins. Altered intervals are more strongly oxidized.
			15.08	16.27		GRD	GNWH		m	m		f	ARG	m						t							Phyllic altered envelope around a vuggy/smokey quartz vein. Vein hosts blebby pyrite. Interval includes strongly argillic moderately oxidized zone outside phyllic area on downhole and uphole sides. Weak potassic altered overprinting in these regions.
													POT	tw													
			15.80	15.87		VEN	DKGY	VU			100				VN	80				m							Vuggy smokey quartz vein with milky strings throughout hosting blebby pyrite.
			24.75	25.59			LTGN		m	t			ARG	t													Moderately phyllic altered interval. Trace localizec argillic alteration.
			30.37	31.84			LTGN		m	t			ARG	t													Moderately phyllic altered interval. Trace localizec argillic alteration.
35.52	68.90					GRD		PA	m	m	m		ARG	m													Patchy/alternating granodiorite of every variety of alteration. Phyllic and argillic are the dominant alteration styles. Occasional unaltered zones usually less than 50cm. Alteration is powered by quartz/gouge veins found in phyllic altered intervals.
													POT	t													
													PRO	m													
			35.70	35.77		VEN	WHGN		i		i				VN	78											Thin, anastomosing chalcedony quartz veins hosting pervasive pyrite in veins and phyllic altered envelope. Very silicious zone.
			37.00	37.06		VEN	WHGN		i		i				VN	78											Thin, anastomosing chalcedony quartz veins hosting pervasive pyrite in veins and phyllic altered envelope. Very silicious zone.
			37.87	37.05		VEN	DKGY	VU			100				VN	80				m		t	t				Vuggy smokey quartz vein hosting pervasive pyrite and black stringers with trace galena/sphalerite.
			38.71	38.80		VEN	DKGY	VU			100				VN	80				m		t	t				Vuggy smokey quartz vein hosting pervasive pyrite and black stringers with trace galena/sphalerite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			43.19	43.32		VEN	DKGY	VU			100				VN	80				m		t	t				Vuggy smokey quartz vein hosting pervasive pyrite and black stringers with trace galena/sphalerite.
			44.57	45.06			PKWH			i	i		ARG	i													Intensely argillic altered interval with equally strong potassic altered overprinting.
													POT	i													
			46.83	47.02			PKWH			i	i		ARG	i													Intensely argillic altered interval with equally strong potassic altered overprinting.
													POT	i													
			50.20	50.35		VEN	GY	GO		i					GO	65											Grey gouge vein. Sticky/swollen, strong. Clear quartz fragments throughout. 90% gouge. Strongly phyllic altered wall rocks.
			52.60	53.65			WHGN	FL	i		50				VN	40											Extremely silicious phyllic altered interval cross cut by low angle, 10cm wide quartz veins (70% milky, 30% smokey). Veins blend into granodiorite. Hard to distinguish between veins and flooded zones.
			60.05	60.46		VEN	GNMT	BN	i		i				VN	80				ms	f	ms	f				Banded chalcedony quartz and massive pyrite/sphalerite veins in a strongly phyllic/silicious host rock. Sulphide veins host blebby galena/arsenopyrite. First true sulphide veins of the hole.
			61.38	61.45		VEN	WHMT	BN	i		i				VN	77				ms	f	ms	f				Single chalcedony quartz vein hosting banded massive sphalerite/pyrite veins and blebby arsenopyrite and galena.
			66.67	66.75		VEN	WHBK	BN	i		90				VN	70				m	m						Banded grey/white quartz vein hosting pervasive pyrite and arsenopyrite.
			68.53	68.70		VEN	WHBK	BN	i		90				VN	75				m	m						Banded grey/white quartz vein hosting pervasive pyrite and arsenopyrite.
68.90	86.17					GRD	GYGN		tw	tw			ARG	tw													Dominantly unaltered granodiorite (dark grey) with moderate to lightly phyllic altered zones. These zones host quartz and rarely sulphide veins. The contacts between the fresh and phyllic altered granodiorite are intensely argillic altered, crumbly but rarely wider then 20cm.
			71.09	71.27		VEN	MT	MA	i		i				VN	79				i	i	70					Massive sphalerite (honey brown) vein hosting blebby pyrite. Vein hosted in a silicious phyllic altered granodiorite. Host rock has abundant spidered arsenopyrite veinlets and pervasive arsenopyrite throughout 10cm interval on hanging wall side.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			73.20	73.24		VEN	MT	MA	i		i				VN	68				i	i	70					Massive sphalerite (honey brown) vein hosting blebby pyrite. Vein hosted in a silicious phyllic altered granodiorite. Host rock has abundant spidered arsenopyrite veinlets and pervasive arsenopyrite throughout interval on hanging wall side. Much smaller scale and very narrow than above.
			78.47	78.58		VEN	WHMT		i		i				VN	75				i		i					Milky quartz vein with grey gouge material on hanging wall side and blebby-massive sphalerite and pyrite on footwall side. All about equal widths.
			82.48	82.51		VEN	WHBR				100				VN	80						i	t				Chalcedony quartz vein (very clear) with massive sphalerite and trace galena disseminated throughout.
86.17	101.02					GRD	GY																				Unaltered granodiorite, crumbled carbonate in some fractures. Appears close to argillic type speckled look.
101.02	104.66					GRD	WHPK			i			ARG	i													Intensely argillic altered interval, competent. Strong potassic altered overprinting. Solid, consistant zone.
													POT	s													
104.66	122.79					GRD	GYGN		tw	tw			ARG	tw													Dominantly unaltered granodiorite (dark grey) with moderate to lightly phyllic altered zones. These zones host quartz and rarely sulphide veins. The contacts between the fresh and phyllic altered granodiorite are intensely argillic altered, crumbly but rarely wider then 20cm.
			106.91	107.34		VEN	WHMT	MA			100				VN	80				i	s						Banded chalcedony quartz and massive pyrite vein. Pyrite vein is brecciated into cubic clasts. Dark grey quartz hosts clasts. Localized pervasive pyrite in zone. Pretty sexy vein!
			114.19	114.47		VEN	WH		i		100				VN	40											Large, low angle milky quartz vein hosting phyllic altered clasts. Vein has a sort of flow structure look. Appears bright white and plastic like.
			120.71	121.40		VEN	WHMT	MA	i		i				VN	70				i	s						Vein zone hosting 4x sheeted chalcedony quartz veins the same as 106.91 - 107.34m. Each about 6cm wide.
122.79	127.34					GRD	WHGY			i			ARG	i													Speckled white and grey rubbled argillic altered granodiorite. Some localized areas where calcite fragments and carbonate material is found in rubble. Very strong alteration.
127.34	134.06					GRD	WHGN	PA		i			PRO	f													Very patchy, dominantly argillic altered granodiorite with some narrow strongly propylitic altered sections. No significant veins. Fairly competent rock for clay alteration.
													ARG	i													

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
134.06	143.90					GRD	LTGN		i	i	i		ARG	i						tw	t	t		Se	ms		Phyllic altered granodiorite (strong). Patches of intense argillic in zone. Interval hosts abundant quartz veins and occasional massive sulphide veins. In very strong phyllic altered intervals, sericite has gone to a yellow/orange colour. Ankorite veinlets present in these zones. Some gouge in fractures.
			138.79	138.95		VEN	DKGY	VU	i		i				VN	80				ms	ms						Vuggy, smokey quartz vein hosting pervasive pyrite and arsenopyrite. Gouge (grey) in fractures. Ankorite veinlets cross cut vein.
			142.34	142.57		VEN	DKGY	VU	i		i				VN	80				ms	ms						Vuggy, smokey quartz vein hosting pervasive pyrite and arsenopyrite. Gouge (grey) in fractures. Ankorite veinlets cross cut vein.
143.90	153.80					POR	TN	DY							DY	75											Quartz feldspar porphyry dyke. Typical Klaza zone dyke, but where is the Klaza zone?
153.80	158.30					GRD	LTGN		i		i																Intensely phyllic altered and silicious granodiorite hosting significant veins at dyke contacts.
			153.80	154.02		VEN	GY		100		i				VN	78				i							No real vein. Just incredable pervasive pyrite in a very silicious/phyllic granodioirte. A single milky quartz vein 1cm wide at dyke contact.
			157.85	158.30		VEN	BKGY	BX	i		i				VN	80				i	t						Intense vein zone. Banded chalcedony quartz, massive pyrite veins. Black breccia against dyke contact. Clasts are composed of massive pyrite and quartz fragments with disseminated pyrite and arsenopyrite. Swirling quartz veins. Many individual micro-faults cut vein zone.
158.30	159.02					POR	LTTN	DY							DY	80											Quartz feldspar porphyry dyke
159.02	169.15					GRD		PA	m	m	m		ARG	m													Patchy/alternating granodiorite of every variety o alteration. Phyllic and argillic are the dominant alteration styles. Occasional unaltered zones less than 30cm. Alteration is powered by quartz veins found in phyllic altered intervals.
													PRO	t													
													POT	m													
			159.02	159.53		VEN	WHMT	CR	i		100				VN	80				i	t	t					Chalcedony quartz vein hosting crackled massive pyrite and trace disseminated arsenopyrite and sphalerite. Dark fine grained material in interval. Very strong, massive vein
169.15	188.06					GRD	GY		tw											tw							Unaltered granodiorite with multiple quartz/chalcedony/sulphide veins with tight lightly phyllic altered envelope.
			170.32	170.39		VEN	GYMT	MA			100				VN	74				i							Clear/grey quartz hosting massive pyrite
			173.49	173.51		VEN	WHMT	MA			100				VN	80				i		i					Claer/grey quartz vein hosting blebby sphalerite and pyrite.
			176.93	177.04		VEN	WHMT	MA			100				VN	80				i		i					Claer/grey quartz vein hosting blebby sphalerite and pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			180.27	180.46		BXA	BKGN	BX	i						BX	70				tw							Black breccia vein. Very angular phyllic altered granodiorite clasts. Some clear/white quartz clasts with pervasive pyrite as well. Clasts are very fine. Larger at hangingwall side.
			182.83	182.96		VEN	WHMT	MA			100				VN	80				i		i					Claer/grey quartz vein hosting blebby sphalerite and pyrite.
			184.00	184.10		VEN	WHMT	MA			100				VN	80				i		i					Claer/grey quartz vein hosting blebby sphalerite and pyrite.
			184.46	184.58		VEN	WHMT	MA			100				VN	80				i		i					Claer/grey quartz vein hosting blebby sphalerite and pyrite.
																											188.06m E.O.H.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	DETAILED DESCRIPTION

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		

GEOTECHNICAL LOG

HOLE: KL-11-57

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	2.13	2.13		0		0				Overburden
2.13	4.27	2.14	0.77	36	0.13	6	M	EW		
4.27	7.01	2.74	1.58	58	0.00	0	M	EW		
7.01	11.28	4.27	4.23	99	0.81	19	M	EW		
11.28	14.33	3.05	2.81	92	0.52	17	S	HW		
14.33	17.37	3.04	2.89	95	1.32	43	S	MW		
17.37	20.42	3.05	2.87	94	0.63	21	S	SW		
20.42	23.47	3.05	2.96	97	1.03	34	S	SW		
23.47	26.52	3.05	2.99	98	0.66	22	S	SW		
26.52	29.56	3.04	2.97	98	0.85	28	S	FR		
29.56	32.61	3.05	3.00	98	1.40	46	S	FR		
32.61	35.66	3.05	3.00	98	0.61	20	S	FR		
35.66	38.71	3.05	3.05	100	1.99	65	S	FR		
38.71	41.76	3.05	2.88	94	1.81	59	S	FR		
41.76	44.81	3.05	2.94	96	1.80	59	S	FR		
44.81	47.85	3.04	2.85	94	1.34	44	S	FR		
47.85	50.90	3.05	2.89	95	1.15	38	MS	FR		
50.90	53.95	3.05	2.83	93	0.85	28	MS	FR		
53.95	57.00	3.05	2.39	78	0.93	30	MS	FR		
57.00	60.05	3.05	3.05	100	2.26	74	MS	FR		
60.05	63.09	3.04	2.97	98	0.56	18	MS	FR		
63.09	66.14	3.05	3.05	100	0.83	27	MS	FR		
66.14	69.19	3.05	2.88	94	1.86	61	MS	FR		
69.19	72.24	3.05	3.02	99	1.11	36	MS	FR		
72.24	75.29	3.05	2.94	96	1.78	58	MS	FR		
75.29	78.33	3.04	3.03	100	1.17	38	MS	FR		
78.33	81.38	3.05	2.98	98	1.61	53	S	FR		
81.38	84.43	3.05	2.95	97	0.42	14	S	FR		
84.43	87.48	3.05	2.88	94	0.76	25	S	FR		
87.48	90.53	3.05	3.07	101	2.04	67	S	FR		
90.53	93.57	3.04	2.97	98	2.28	75	S	FR		
93.57	96.62	3.05	2.93	96	0.34	11	S	FR		
96.62	99.67	3.05	2.86	94	1.56	51	S	FR		
99.67	102.72	3.05	2.95	97	1.00	33	MS	FR		
102.72	105.77	3.05	3.04	100	1.03	34	MS	FR		
105.77	108.81	3.04	2.82	93	1.79	59	MS	FR		
108.81	111.86	3.05	2.92	96	1.12	37	MS	FR		
111.86	114.91	3.05	2.95	97	1.08	35	MS	FR		
114.91	117.96	3.05	2.93	96	1.48	49	MS	FR		
117.96	121.01	3.05	2.89	95	0.98	32	MS	FR		
121.01	124.06	3.05	2.87	94	0.75	25	M	FR		
124.06	127.10	3.04	2.82	93	1.62	53	M	FR		
127.10	130.15	3.05	2.90	95	0.00	0	M	FR		
130.15	133.20	3.05	3.02	99	0.11	4	M	FR		
133.20	136.24	3.04	3.03	100	1.99	65	M	FR		
136.24	139.29	3.05	2.94	96	1.67	55	MS	FR		
139.29	142.34	3.05	2.97	97	1.77	58	MS	FR		
142.34	145.39	3.05	2.93	96	1.61	53	MS	FR		
145.39	148.44	3.05	3.09	101	2.69	88	MS	FR		
148.44	151.49	3.05	3.09	101	2.42	79	MS	FR		
151.49	154.53	3.04	3.05	100	2.01	66	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	2.93	96	1.75	57	MS	FR		
157.58	160.63	3.05	3.02	99	2.21	72	MS	FR		
160.63	163.68	3.05	3.04	100	2.22	73	MS	FR		
163.68	166.73	3.05	2.75	90	2.54	83	MS	FR		
166.73	169.77	3.04	3.10	102	2.33	77	MS	FR		
169.77	172.82	3.05	3.08	101	1.13	37	S	FR		
172.82	175.87	3.05	3.00	98	2.11	69	S	FR		
175.87	178.92	3.05	3.00	98	1.78	58	S	FR		
178.92	181.97	3.05	3.06	100	2.15	70	S	FR		
181.97	185.01	3.04	3.00	99	2.06	68	S	FR		
185.01	188.06	3.05	2.94	96	1.46	48	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-57

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	6.86	6.86		0							
6.86	9.30	2.44	2.30	94	L829498	1					
9.30	12.13	2.83	2.81	99	L829499	1					
12.13	15.07	2.94	2.80	95	L829500	1					
15.07	16.29	1.22	1.10	90	L828001	1					
					L828002	1					Blank
16.29	19.56	3.27	3.25	99	L828003	1					
19.56	21.87	2.31	2.31	100	L828004	1					
21.87	24.63	2.76	2.76	100	L828005	1					
24.63	25.63	1.00	1.00	100	L828006	1					
25.63	28.07	2.44	2.30	94	L828007	1					
					L828008	1					Standard: CDN-ME-16
28.07	31.06	2.99	2.82	94	L828009	1					
31.06	32.61	1.55	1.47	95	L828010	1					
32.61	35.59	2.98	2.98	100	L828011	1					
35.59	36.87	1.28	1.11	87	L828012	1					
36.87	37.87	1.00	0.98	98	L828013	1					
37.87	38.87	1.00	0.92	92	L828014	1					
					L828015	1					Blank
38.87	41.76	2.89	2.79	97	L828016	1					
41.76	43.18	1.42	1.42	100	L828017	1					
43.18	45.06	1.88	1.76	94	L828018	1					
					L828019	1					Duplicate
45.06	46.78	1.72	1.66	97	L828020	1					
46.78	48.46	1.68	1.68	100	L828021	1					
48.46	50.22	1.76	1.76	100	L828022	1					
50.22	52.30	2.08	2.00	96	L828023	1					
52.30	53.65	1.35	1.32	98	L828024	1					
53.65	57.00	3.35	3.35	100	L828025	1					
57.00	60.05	3.05	3.05	100	L828026	1					
60.05	61.05	1.00	1.00	100	L828027	1					
61.05	62.05	1.00	1.00	100	L828028	1					
62.05	63.05	1.00	1.00	100	L828029	1					
					L828030	1					Standard: CDN-ME-16
63.05	64.58	1.53	1.43	93	L828031	1					
64.58	66.63	2.05	2.02	99	L828032	1					
66.63	67.63	1.00	0.99	99	L828033	1					
67.63	68.70	1.07	1.00	93	L828034	2					
68.70	69.79	1.09	1.01	93	L828035	2					
					L828036	2					Blank
69.79	70.95	1.16	1.16	100	L828037	2					
70.95	71.95	1.00	0.91	91	L828038	2					
71.95	75.29	3.34	3.34	100	L828039	2					
75.29	78.16	2.87	2.80	98	L828040	2					
78.16	79.16	1.00	0.95	95	L828041	2					
79.16	81.38	2.22	2.12	95	L828042	2					
					L828043	2					Standard: CDN-ME-16
81.38	83.00	1.62	1.44	89	L828044	2					
83.00	84.64	1.64	1.44	88	L828045	2					
84.64	86.17	1.53	1.54	101	L828046	2					
86.17	89.05	2.88	2.67	93	L828047	2					
89.05	92.04	2.99	2.80	94	L828048	2					
92.04	94.81	2.77	2.75	99	L828049	2					
94.81	97.64	2.83	2.80	99	L828050	2					
					L828051	2					Standard: CDN-ME-16
97.64	99.67	2.03	2.00	99	L828052	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
99.67	101.09	1.42	1.21	85	L828053	2					
101.09	102.72	1.63	1.30	80	L828054	2					
102.72	104.66	1.94	1.90	98	L828055	2					
					L828056	2					Duplicate
104.66	107.00	2.34	2.34	100	L828057	2					
107.00	108.00	1.00	0.90	90	L828058	2					
108.00	111.59	3.59	3.59	100	L828059	2					
111.59	113.74	2.15	2.11	98	L828060	2					
113.74	114.91	1.17	1.15	98	L828061	2					
114.91	117.96	3.05	3.05	100	L828062	2					
117.96	120.70	2.74	2.74	100	L828063	2					
120.70	121.70	1.00	0.99	99	L828064	2					
					L828065	2					Blank
121.70	122.80	1.10	1.00	91	L828066	2					
122.80	125.37	2.57	2.57	100	L828067	2					
125.37	127.34	1.97	1.90	96	L828068	2					
127.34	128.34	1.00	0.88	88	L828069	2					
128.34	130.15	1.81	1.68	93	L828070	3					
130.15	131.23	1.08	1.00	93	L828071	3					
131.23	134.06	2.83	2.82	100	L828072	3					
134.06	136.29	2.23	2.22	100	L828073	3					
136.29	138.23	1.94	1.94	100	L828074	3					
138.23	139.23	1.00	1.00	100	L828075	3					
					L828076	3					Blank
139.23	140.23	1.00	1.00	100	L828077	3					
140.23	142.00	1.77	1.66	94	L828078	3					
142.00	143.00	1.00	0.92	92	L828079	3					
143.00	143.89	0.89	0.70	79	L828080	3					
143.89	145.39	1.50	1.23	82	L828081	3					
					L828082	3					Duplicate
145.39	148.44	3.05	3.05	100	L828083	3					
148.44	151.49	3.05	3.01	99	L828084	3					
151.49	153.78	2.29	2.20	96	L828085	3					
153.78	154.78	1.00	1.00	100	L828086	3					
154.78	157.30	2.52	2.50	99	L828087	3					
157.30	158.30	1.00	0.93	93	L828088	3					
158.30	159.02	0.72	0.68	94	L828089	3					
159.02	160.02	1.00	0.91	91	L828090	3					
					L828091	3					Blank
160.02	162.18	2.16	2.16	100	L828092	3					
162.18	164.54	2.36	2.30	97	L828093	3					
164.54	166.73	2.19	2.11	96	L828094	3					
166.73	168.17	1.44	1.31	91	L828095	3					
					L828096	3					Standard: CDN-ME-16
168.17	169.17	1.00	0.90	90	L828097	3					
169.17	170.20	1.03	1.00	97	L828098	3					
170.20	171.20	1.00	1.00	100	L828099	3					
171.20	172.82	1.62	1.48	91	L828100	3					
172.82	175.87	3.05	3.04	100	L828101	3					
175.87	178.92	3.05	3.05	100	L828102	3					
178.92	181.97	3.05	3.05	100	L828103	3					
					L828104	3					Standard: CDN-ME-16
181.97	185.01	3.04	3.04	100	L828105	3					
185.01	188.06	3.05	3.05	100	L828106	4					
					L828107	4					
	EOH										

DENSITY LOG

Hole: **KL-11-57**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	pyrite %	%	%	Other	%							
												1973	1906.2	2000g standard		29.54
	VEN		Silica	100	30			As	10	9.75	6.32	898.2	521.2	Quartz sulphide vein	2.94	2.38
	VEN		Silica	100	30			As	10	10.065	6.337	980.5	500.2	Quartz sulphide vein	3.09	2.04

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-57

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00			22.31	
5.00			24.34	
6.00			10.38	
7.00			13.66	
8.00			10.46	
9.00			8.122	
10.00			15.2	
11.00			29.29	
12.00			0.901	
13.00			32.75	
14.00			30.73	
15.00			11.28	
16.00			1.166	
17.00			27.87	
18.00			30.23	
19.00			7.547	
20.00			27.9	
21.00			14.63	
22.00			21.58	
23.00			7.304	
24.00			12.49	
25.00			1.827	
26.00			0.646	
27.00			17.66	
28.00			2.113	
29.00			23.54	
30.00			14.49	
31.00			13	
32.00			2.634	
33.00			17.21	
34.00			19.59	
35.00			19.47	
36.00			36.448	
37.00			0.539	
38.00			0.284	
39.00			0.647	
40.00			2.034	
41.00			0.42	
42.00			3.841	
43.00			0.459	
44.00			0.992	
45.00			1.578	
46.00			12.52	
47.00			1.215	
48.00			0.835	
49.00			1.478	
50.00			0.477	
51.00			0.321	
52.00			0.231	
53.00			0.478	
54.00			0.578	
55.00			4.667	
56.00			22.43	
57.00			0.653	
58.00			1.334	
59.00			0.622	
60.00			0.299	
61.00			0.243	
62.00			0.574	
63.00			8.531	
64.00			0.503	
65.00			0.461	
66.00			0.461	
67.00			0.501	
68.00			0.33	
69.00			0.792	
70.00			0.524	
71.00			0.555	
72.00			17.04	
73.00			24.55	
74.00			13.4	
75.00			13.63	
76.00			8.013	
77.00			30.4	
78.00			20.71	
79.00			0.57	
80.00			4.719	
81.00			17.03	
82.00			24.1	
83.00			7.546	
84.00			0.385	
85.00			12.81	
86.00			0.368	
87.00			22.61	
88.00			22.81	
89.00			28.07	
90.00			30.35	
91.00			18.47	
92.00			26.14	
93.00			11.16	
94.00			7.914	
95.00			10.59	
96.00			3.639	
97.00			15.91	
98.00			2.829	
99.00			12.22	
100.00			15.97	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			7.289	
102.00			2.223	
103.00			2.486	
104.00			1.264	
105.00			1.254	
106.00			4.943	
107.00			0.3	
108.00			43.12	
109.00			33.7	
110.00			40.1	
111.00			27.75	
112.00			4.085	
113.00			0.692	
114.00			0.619	
115.00			2.165	
116.00			28.93	
117.00			18.82	
118.00			8.329	
119.00			49.69	
120.00			30.27	
121.00			0.499	
122.00			0.709	
123.00			17.53	
124.00			1.073	
125.00			3.619	
126.00			27.37	
127.00			25.19	
128.00			0.663	
129.00			20.4	
130.00			2.995	
131.00			1.042	
132.00			9.953	
133.00			5.624	
134.00			3.955	
135.00			0.274	
136.00			0.154	
137.00			0.433	
138.00			0.621	
139.00			0.508	
140.00			0.437	
141.00			0.691	
142.00			0.653	
143.00			0.576	
144.00			0.387	
145.00			0.279	
146.00			0.253	
147.00			0.279	
148.00			0.329	
149.00			0.258	
150.00			0.312	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.244	
152.00			0.38	
153.00			0.245	
154.00			0.226	
155.00			0.522	
156.00			0.375	
157.00			0.361	
158.00			0.219	
159.00			0.295	
160.00			0.944	
161.00			0.479	
162.00			12.64	
163.00			0.68	
164.00			0.466	
165.00			1.169	
166.00			0.476	
167.00			12.68	
168.00			0.42	
169.00			0.661	
170.00			14.25	
171.00			10.62	
172.00			42.04	
173.00			53.11	
174.00			5.012	
175.00			53.98	
176.00			8.87	
177.00			11.75	
178.00			7.44	
179.00			48.19	
180.00			44.01	
181.00			39.6	
182.00			34.45	
183.00			48.15	
184.00			42.35	
185.00			52.26	
186.00			45.65	
187.00			50.37	
188.00			26.19	
			EOH	

BOX LOG

HOLE: KL-11-57

BOX	FROM (m)	TO (m)
1	0.00	6.86
2	6.86	10.14
3	10.14	13.96
4	13.96	18.04
5	18.04	21.87
6	21.87	25.78
7	25.78	29.56
8	29.56	33.77
9	33.77	37.69
10	37.69	41.76
11	41.76	45.83
12	45.83	49.84
13	49.84	53.79
14	53.79	57.91
15	57.91	61.91
16	61.91	65.70
17	65.70	69.53
18	69.53	73.81
19	73.81	77.82
20	77.82	81.98
21	81.98	86.17
22	86.17	90.53
23	90.53	94.81
24	94.81	99.15
25	99.15	103.21
26	103.21	107.44
27	107.44	111.59
28	111.59	115.79
29	115.79	120.00
30	120.00	124.06
31	124.06	127.54
32	127.54	131.04
33	131.04	134.69
34	134.69	138.75
35	138.75	142.88
36	142.88	147.04
37	147.04	151.27
38	151.27	154.93
39	154.93	159.33
40	159.33	163.60
41	163.60	168.05
42	168.05	171.85
43	171.85	176.08
44	176.08	180.43
45	180.43	184.41
46	184.41	188.06
	EOH	

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382921.14	6889971.4	1385.85	303.88

ZONE: KLAZA

SECTION:

HOLE: KL-11-58

CLAIM:

Contractor: Swiftsure

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

TARGET:

Geology logged by: Jared Tarswell

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	181.66	36.9	-50.2	Ranger
59.74	36.7	-49.7	Ranger	212.14	37.1	-49.9	Ranger
90.22	33.5	-50	Ranger	242.62	38	-49.9	Ranger
120.70	37	-49.9	Ranger	273.10	38.5	-49.7	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.05	3.05	OVB	Overburden/No Recovery
3.05	23.30	20.25	GRD/VEN	Rubbled and oxidized vein zone hosted in gouge
23.30	121.34	98.04	GRD	Unaltered granodioirte hosting carbonate in fractures
				and some altered intervals. Dominantly argillic.
121.34	133.20	11.86	VEN	Very highly phyllic/argillic altered granodiorite hosting
				abundant smokey quartz veins and gouge zones.
133.20	178.87	45.67	GRD	Intensely phyllic altered granodioirte. Very silicious.
				Interval hosts numerous quartz veins thoughout. Some
				gouge zones present.
178.87	198.64	19.77	VEN	Vein Zone. Phyllic altered granodiorite hosting
				numerous highgrade massive sulphide veins and
				breccia zones. Upper Klaza Zone.
198.64	234.84	36.20	GRD	Intensely phyllic altered granodioirte. Very silicious.
				Interval hosts numerous quartz veins thoughout.
234.84	249.97	15.13	VEN	Very strong, developed vein zone. Klaza Zone.
249.97	306.96	56.99	POR/GRD	feldspar porphyry dykes followed by phyllic altered
				granodiorite with quartz veining. 306.96 EOH.

SAMPLES

Numbers: L828960-L829000, K972851-K972900, L829001-L829093

Total: 181

Batch: KL-11-58 Batch 1-6

Date Sent:

Certificate: WH11186304, WH11196874, WH11198212, WH11198502, WH11198505, WH11198507, WH11247467

COMMENTS

GEOLOGY LOG

HOLE: KL-11-58

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.05	3.05				OVB																					Casing/No Recovery
3.05	8.93	5.88				GRD	OR	BK		ms		i															Highly broken/oxidized granodiorite. Blocky texture moving to rubble. Zones of strong argillic alteration.
8.93	10.23	1.30				VEN	OR		i	i		i								f	f	tw	tw	So	ms		Rubbled vein zone. Extremely oxidized. Gouge zones (white) hosting quartz fragments. Hematite and scorodite staining throughout zone. Some fragments are massive arsenopyrite, pyrite, galena and sphalerite.
																								He	ms		
10.23	18.67	8.44				FEL	ORGY	DY			i	i			DY	?								Go	ms		Oxidized felsic, silicious dyke, highly broken with intense goethite staining on fractures "stealth fighter dyke." Tan colour.
18.67	20.49	1.82				VEN	OR		i	i		i								f	f	tw	tw	So	ms		Rubbled vein zone. Extremely oxidized. Gouge zones (white) hosting quartz fragments. Hematite and scorodite staining throughout zone. Some fragments are massive arsenopyrite, pyrite, galena and sphalerite. Extreme sericite alteration in gouge veins.
																								He	ms		
20.49	23.30	2.81				GRD	WHOR	BK		i		i	ARG	i										He	ms		Blocky, strongly oxidized argillically altered granodiorite. Moves to semi-gouge in localized zones.
23.30	70.10	46.80				GRD	GY					t															Unaltered granodiorite hosting strong carbonate in fractures and infrequent altered zones far and few between. Lightly oxidized for first 10m of interval.
			24.57	25.11	0.54		WHGY			i		ms	ARG	i													Strongly argillic altered granodiorite. Extremely broken. Abundant carbonate in zone.
			30.08	30.91	0.83		GNWH		m		t	tw	PRO	tw													Phyllic/propylitic (light to moderate) altered granodiorite. Oxidized fractures. Very weak smokey quartz stringers in zone.
			57.33	57.63	0.30	VEN	GN		i		i				VN	80				i		tw	t				Strongly phyllic altered envelope around a 5cm chalcedony quartz vein hosting blebby sphalerite and pyrite as well as trace galena.
			61.50	62.06	0.56	VEN	LTGN		i		i				VN	77				ms			m	Se	m		Strongly sericitized, phyllic altered granodiorite hosting pervasive coarse grained pyrite. Zone hosts smokey quartz veins upto 6cm wide with massive pyrite and galena. Strongly quartz flooded.
70.10	95.90	25.80				GRD		PA	t	t			PRO	ms						t							Patchy propylitic altered and unaltered granodiorite Calcite veins and carbonate in fractures. Highly broken, alteration occasionally grades to phyllic or argillic.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			70.07	71.33	1.26	VEN	GNMT	BK	i		i				VN	?				i	t	i	i	Se	i		Sericitized granodiorite hosting milky quartz veins and massive sphalerite, pyrite, galena veins upto 6cm wide. Coarse pyrite throughout zone. Localized arsenopyrite. Vein is extremely broken and dominated by massive sphalerite fragments.
			72.86	73.25	0.39		WHPK			ms			POT	ms													Strongly argillic altered granodiorite that has beer overprinted by potassic alteration. White strong pink colour. Very broken and soft.
													POT	ms													
			79.30	79.80	0.50	APL	PKGY								DY	70												Series of four aplite dykes cross cutting unalterec granodiorite. Each dyke is about 3-4cm wide and they all appear sheeted.
			80.76	83.60	2.84		LTGN		s		s		POT	t										Se	ms		Phyllic altered, light green coloured granodiorite, strongly sericitized and quartz flooded hosting smokey quartz veins and a one foot interval of potassic overprinting at hanging wall contact.
			82.63	83.60	0.97	VEN	LTGY	BK			100				VN	?											Large interval of entirely smokey/milky quartz. Very hard, no vugs. Blocky structure.
			84.44	84.58	0.14		LTGN		i		i									ms		t	ms				Phyllic altered granodiorite hosting 1cm quartz vein with semi-massive galena, pyrite and blebby sphalerite.
			93.19	93.97	0.78		LTGY		i	i	i													Se	i		Light white coloured phyllic altered strongly sericitized granodiorite hosting weakly disseminated tourmaline around milky quartz veins. Silicious.
																								To	t		
95.90	96.89	0.99				MAF	BK	DY							DY	75											Black mafic dyke hosting white feldspar phenocrysts.
96.89	121.34	24.45				GRD	GYWH	PA		tw			ARG	tw													Unaltered granodiorite with patches of argillic alteration throughout. These zones are strongly carbonated and rarely move to gouige.
			99.04	99.46	0.42		WH	GO		s			ARG	s										Se	i		Very strong argillic alteration moving to gouge in center. Zone hosts weakly disseminated tourmaline. Gouge hosts intense metallic sericite alteration
													SER	i										To	tw		
			107.65	108.76	1.11		WH			i			ARG	i						t		t					Intensely argillic altered interval
121.34	128.91	7.57				GRD	LTGN		i	m	i	m								tw				Se	i		Intensely phyllic altered zone, very silicious, hosting quartz veins and breccia zones. Some gouge zones also present. Trace disseminated pyrite throughout interval increasing to semi-massive around veins. Strongly sericitized. Strong oxidation for first 2m.
			124.29	124.45	0.16	VEN		BX			100				VN	70				tw							Smokey quartz vein hosting milky quartz clasts (angular) and massive pyrite blebs.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			127.35	127.56	0.21	VEN		BX	i		100				VN	80				tw							Smokey quartz vein hosting milky quartz clasts (angular) and massive pyrite blebs. Hosted in phyllic altered granodiorite.
			128.64	128.83	0.19	VEN		BX	i		100				VN	80				w		tw					Milky quartz vein hosting smokey quartz clasts (angular) and massive pyrite blebs. Hosted in phyllic altered granodiorite. Massive sphalerite stringer parallel to wuartz vein.
128.91	133.20	4.29				GRD	GYLT			t	t		ARG	ms													Unaltered granodiorite with argillic altered hanging wall. Very competent.
			128.91	130.95	2.04		WHPK				t		ARG	ms													Competent, light to moderately argillic altered granodiorite. Localized areas of potassic overprinting. Interval hosts very few quartz veins and veinlets.
													POT	ms													
133.20	134.50	1.30				MAF	DK	DY							DY	65												Mafic dyke with white rounded phenocrysts throughout.
134.50	155.52	21.02				GRD	GY		t				PRO	t													Unaltered granodiorite, few phyllic/propylitic altered envelopes around quartz veins. Very fresh in general.
			134.40	134.80	0.40	VEN	WH	BX							VN	?								Ca	100		Large calcite vein brecciating both the mafic dyke at the hangingwall contact and the granodiorite at the footwall contact. Clasts are ultra angular and can be imagined back into place against the country rock.
			149.13	149.53	0.40		LTGN		s		w				VN	80				w							Moderate to strong phyllic altered granodiorite hosting a dark quartz vein with pervasive finegrained pyrite around vein.
			150.14	150.39	0.25		LTGN		s		w				VN	80				w		tw	t				Moderate to strong phyllic altered granodiorite hosting a dark quartz vein with pervasive finegrained pyrite around vein. Vein also hosts trace galena and semi-massive sphalerite stringers.
150.39	161.90	11.51				GRD	LTGN		i	tw	ms									ms	t	f	f				Strongly phyllic altered granodiorite, moderate quartz flooding. Hosts numerous large quartx veins (some vuggy). All of the quartz veins are hosting galena, sphalerite, pyrite and some arsenopyrite. Gouge veins are also present.
			150.54	150.65	0.11	VEN			i		70				VN	70				i							Milky quartz vein with a 1cm massive pyrite envelope. Pyrite vein formed first and was then reopened by quartz. Evidence for a multi-stage system that was very long lived. Interval hosts pervasive pyrite and pyrite stringers.
			159.02	159.26	0.24	VEN	DKGY	VU	i		75				VN	80				i	tw	tw	tw				Dark quartz vein, fairly vuggy. Vein hosts speckled semi-massive pyrite, arsenopyrite with less sphalerite and galena . Vein is cross cut by milky quartz veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			159.95	160.26	0.31	VEN	DKGY	VU	i		76				VN	81				i	tw	tw	tw				Dark quartz vein, fairly vuggy. Vein hosts speckled semi-massive pyrite, arsenopyrite with less sphalerite and galena . Vein is cross cut by milky quartz veinlets. Vein hosts microfaults displacing veinlets at 45 degrees.
161.90	178.87	16.97				GRD	GY																				Unaltered granodiorite, very low abundance o fractures. Some altered intervals early in zone probably associated with previous vein zones.
			164.61	166.00	1.39		LTGN	PA	i	tw	ms		PRO	tw						ms		t	t				An almost banded variation of alteration alternating through phyllic, argillic, propylitic and combinations of the three. Zone is moderately quartz flooded and hosts significant smokey quartz veins. Semi-massive galena, sphalerite and more commonly pyrite around these veins.
			166.67	167.38	0.71		LTGN	PA	i	tw	ms		PRO	tw						ms		t	t				An almost banded variation of alteration alternating through phyllic, argillic, propylitic and combinations of the three. Zone is moderately quartz flooded and hosts significant white chalcedony quartz veins. Semi-massive galena, sphalerite and more commonly pyrite around these veins.
			177.30	177.45	0.15	VEN	LTGN		s		s				VN	78				ms							Phyllic altered interval hosting a milky quartz/ankorite vein 1cm wide with pervasive pyrite through it.
178.87	198.64	19.77				GRD	LTGN		s	tw	s		PRO	tw						m	t	tw	tw				Phyllic altered granodiorite (vein zone) hosting numerous wide high grade veins (upper Klaza Zone). Phyllic alteration rarely grades into argillic or combinations of alteration with trace propylitic alteration. High grade veins consist of smokey quartz, sulphide and gouge veins.
			179.29	179.61	0.32	VEN	WHBK		i		90				VN	75				ms	ms						Blended smokey/milky quartz vein hosting blebby pyrite and arsenopyrite throughout. Vein hosted in silicious phyllic altered granodiorite.
			181.08	181.24	0.16	VEN	WHBK		i		90				VN	75				ms	ms						Blended smokey/milky quartz vein hosting blebby pyrite and arsenopyrite throughout. Vein hosted in silicious phyllic altered granodiorite.
			182.66	184.86	2.20	VEN	BKMT	MA	i		80				VN	70				60					To	i	Vein zone consisting mostly of quartz tourmaline veins upto 1m wide hosting massive pyrite. Pyrite forms spherical blebs that have all grown into one another. Fractures host intense sericite alteration (metallic). Interval is 80% massive vein, the rest is phyllic alteration hosting coarse grained pervasive pyrite.
																									Se	i	

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			187.56	188.13	0.57	VEN	DKGY	VU	i		100				VN	?				ms	t	ms	t				Very broken and fractured vuggy grey quartz veir hosting abundant sphalerite and pyrite blebs with trace galena and arsenopyrite disseminated throughout. Phyllic altered host rock.
			188.96	189.46	0.50	VEN	LTGN	GO	i	i					GO	80				tw							Intensely phyllic altered gouge zone hosting disseminated finegrained pyrite. Light green colour.
			189.46	190.62	1.16	VEN	DKGY	VU	i		100				VN	80				ms	t	ms	t				Very broken and fractured vuggy grey quartz veir hosting abundant sphalerite and pyrite blebs with trace galena and arsenopyrite disseminated throughout. Phyllic altered host rock.
			194.80	194.99	0.19	BXA	WHGY	BX			100				BX	80				ms							Brecciated white and orange/milky quartz veins. Zone cross cut by grey quartz. Clasts consist of grey quartz odd phyllic altered granodiorit eand massive pyrite blebs. Clasts are somewhat rounded.
			195.84	195.98	0.14	VEN	WH		i		100				VN	70				i							Milky quartz vein with black soft envelope 1cm wide. Interval hosting finegrained-blebby pyrite.
			196.25	196.75	0.50	VEN	DKGY		i		80				VN	78				i	tw	ms		Cp	i		Dark grey quartz vein with milky quartz spidered stringers throughout. Vein hosts massive pyrite, chalcopyrite and less sphalerite with few arsenopyrite blebs disseminated throughout. Vein hosted in strongly phyllic altered granodiorite.
198.64	221.27	22.63				GRD		PA	w	w	t		PRO	w						t							Patchy zones of unaltered to phyllic, propylitic, argillic altered granodiorite. Equal parts of each. Altered zones are associated with quartz veins and veinlets.
													ARG	w													
			201.94	205.43	3.49		LTGN		i		i																Strongly quartz flooded and phyllic altered granodiorite, hosts few quartz veins
			202.80	203.05	0.25	VEN		VU			100				VN	78											Vuggy, smokey quartz vein. Broken and brecciated by different colour variations of quartz (all grey).
			205.43	205.86	0.43		DKGN		tw				PRO	i													Very strong propylitic or weak phyllic altered granodiorite. Interval hosts strong disseminated chlorite in a pale green background.
			207.60	208.48	0.88		LTGN		ms		t																Phyllic altered granodiorite hosts 2x chalcedony quartz veins 1cm wide.
			209.43	209.79	0.36		LTGN		ms		t									tw		tw					Phyllic altered envelope around a 1cm quartz vein hosting massive sphalerite and pyrite stringers.
			212.44	213.38	0.94		LTGN		i		i									m		tw		Se	ms		Strongly quartz flooded and phyllic altered zone. Pervasive pyrite and sericite throughout. Quartz stringers throughout. 2x chalcedony quartz veins 6cm wide hosting blebby pyrite and sphalerite. Sericite has gone to an orange/yellow colour.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			217.21	217.27	0.06	VEN	WHGY		i		80				VN	80				i							Grey quartz center with 1cm milky quartz veins on either side. Vein hosts rusted appearing massive pyrite.
			217.57	217.63	0.06	VEN	WHGY		i		80				VN	70				i							Grey quartz center with 1cm milky quartz veins on either side. Vein hosts rusted appearing massive pyrite.
221.27	234.84	13.57				GRD	GN	PA	i		i		PRO	w						tw	t	t	t	EP	tw		Patchy phyllic/propyltic altered granodiorite hosting greater vein frequency than previous interval. Gouge and quartz veins present. Not strong enough to be a vein zone. Localized intense epidote. Most of the interval is silicious. Rare hematite pods and veinlets.
																								He	t		
			224.12	225.30	1.18		LTGN	GO	i	i					GO	75											Gouge vein hosting frequent phyllic altered granodiorite clasts. Extremely soft
			225.74	225.86	0.12	VEN	GY				100				VN	75				tw	tw						Mixed smokey/milky quartz vein hosting finegrained disseminated pyrite and arsenopyrite.
			226.12	226.28	0.16	VEN	GY				100				VN	50				tw	tw						Mixed smokey/milky quartz vein hosting finegrained disseminated pyrite and arsenopyrite.
			226.56	226.71	0.15	VEN	GY				100				VN	75				tw	tw						Mixed smokey/milky quartz vein hosting finegrained disseminated pyrite and arsenopyrite.
			227.20	227.30	0.10	VEN	GY				100				VN	75				tw	tw						Mixed smokey/milky quartz vein hosting finegrained disseminated pyrite and arsenopyrite.
			228.34	229.64	1.30		LTGN		ms		ms									tw				Se	f		Phyllic altered granodiorite, weak quartz flooding hosting localized disseminated fine-grained pyrite and numerous orange quartz veins (ankorite?). Sericite has gone slightly yellow/orange.
234.84	249.97					GRD	LTGN		i	f	i									m		t	t	Se	i		Intense phyllic altered granodiorite. Vein zone! Granodiorite is highly fractured and hosts numerous large gouge, quartz and sulphide veins. Strongly sericitized, localized quartz flooding. Very frequent quartz veinlets throughout.
			238.06	239.52		VEN	DKGY	FL	i		80				VN	75				i		i					Dark grey quartz veins banded over whole interval. Phyllic altered granodiorite host rock. Quartz veins associated with massive pyrite and sphalerite. Milky quartz veins also present. Far fewer.
			240.58	241.70			LTGN	BK	i	i										t							Extremely broken phyllic altered granodiorite with gouge (weak) developed throughout zone in fractures. Milky quartz veins present. Extremely altered interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			249.36	249.97		VEN	DKGY	FL	i		80				VN	78				i		i					Dark grey quartz veins banded over whole interval. Phyllic altered granodiorite host rock. Quartz veins associated with massive pyrite and sphalerite. Milky quartz veins also present. Far fewer.
249.97	259.38					POR	LTGY	DY		tw					DY	78											Quartz feldspar porphyry dyke with zones that are very broken and soft. Almost clay gouge like material in fractures in these zones.
259.38	261.48					GRD	LTGN		i	i	i									i							Extremely broken/fractured phyllic area with abundant localized areas moving to gouge. Few milky quartz veins cross cutting interval. Whole zone hosts blebby-pervasive coarse grained pyrite. Very soft and crumbly.
261.48	262.78					POR	LTGY	DY							DY	80											Quartz feldspar porphyry dyke
262.78	264.20					GRD	LTGN	FG	ms				PRO	ms						t							Finegrained, pale green granodiorite phyllic/propylitic altered. Appearance is like feldspar porphyry dyke. Interval seems like a cross of the two. Trace pyrite disseminated through rock.
264.20	267.19					GRD	LTGN		i	i	m									m	t						Extremely broken/fractured phyllic area with abundant localized areas moving to gouge. Few milky quartz veins cross cutting interval. Whole zone hosts blebby-pervasive coarse grained pyrite. Very soft and crumbly.
			264.26	264.49		VEN	DKMT	MA			100				VN	?				i	ms			Cp	ms		Dark quartz vein dominated by massive pyrite. Abundant blebs of arsenopyrite and chalcopyrite also present.
			265.40	266.09		VEN	GNWH		i		i				VN	70				i				Se	i		Intensely phyllic altered granodiorite. Strongly sericitized with 7x 2cm wide milky quartz veins with massive coarse grained pyrite cross cutting the interval.
267.19	273.21					POR	LTGY	DY							DY	?											Quartz feldspar porphyry dyke
			267.22	267.31		VEN		GO		i					GO	70				t							Intensely altered gouge vein with quartz fragments and trace disseminated, finegrained pyrite.
273.21	280.20					GRD		PA	m	m	m		ARG	m						t							Patchy phyllic/propylitic/argillic/potassic altered granodiorite. Rainbow of colour all about equal strength. Potassic alteration is intense and overprinting argillic altered zones.
													PRO	m													
													POT	m													
			275.58	275.79		BXA	BKMT	BK	i						BX	?				i							Broken black breccia zone. Quartz and massive pyrite clasts. Very broken and difficult to determine true width.
280.20	306.96					GRD	GY	PA																			Unaltered, very fresh granodiorite. Hosting altered intervals of various styles.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			287.21	288.74			LTGN		i		i									ms		m					Phyllic altered granodiorite with 2x 6cm wide chalcedony quartz veins hosting massive pyrite and sphalerite. Veins are 80% sulphides.
			290.91	291.17			LTGN		i		i									ms		m					Phyllic altered granodiorite with 3x 6cm wide chalcedony quartz veins hosting massive pyrite and sphalerite. Veins are 80% sulphides.
			293.86	295.55			LTGN		i		i									ms		m					Phyllic altered granodiorite with 3x 6cm wide chalcedony quartz veins hosting massive pyrite and sphalerite. Veins are 80% sulphides.
			296.03	297.38			LTGN		i		i									t							Phyllic altered granodiorite hosting spidered/nettec milky quartz veins through entire interval. Few pyrite stringers (rare).
			301.46	302.41			GNPK		m		tw		ARG	m						tw							Altered interval hosting a chalcedony quartz veir with phyllic altered hanging wall envelope and argillic altered footwall envelope with strong potassic alteration overprinting.
													POT	m													
			301.76	301.86		VEN	WHMT	MA			100									i	t		t				Chalcedony quartz vein hosting blebby massive pyrite +/- trace arsenopyrite/galena.
			303.70	305.32			WHGN	PA					PRO	m										Ep	t		Patchy, moderately propylitic/potassic/argillic altered granodiorite. Potassic alteration overprints other two types in localized areas. Rare, localized epidote.
													POT	m													
													ARG	m													
																											306.96 E.O.H.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-58

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.05	3.05		0		0				Casing; no recovery
3.05	5.18	2.13	2.44	115	0.63	30	M	W		
5.18	8.23	3.05	2.42	79	0.42	14	M	M		
8.23	11.28	3.05	2.74	90	1.16	38	M	S		
11.28	14.32	3.04	2.76	91	0.82	27	M	MS		
14.32	17.37	3.05	2.86	94	0.86	28	S	W		
17.37	20.42	3.05	2.46	81	0.00	0	S	S		
20.42	23.47	3.05		0		0	S	MW		
23.47	26.51	3.04	2.77	91	1.48	49	S	W		
26.51	29.56	3.05	2.72	89	0.69	23	S	W		
29.56	32.61	3.05	3.05	100	1.64	54	S	W		
32.61	35.66	3.05	2.89	95	1.68	55	S	W		
35.66	38.71	3.05	2.89	95	1.10	36	S	FR		
38.71	41.76	3.05	2.95	97	0.70	23	S	FR		
41.76	44.86	3.10	3.02	97	1.30	42	S	FR		
44.86	47.85	2.99	3.03	101	1.66	56	S	FR		
47.85	50.90	3.05	2.56	84	0.92	30	S	FR		
50.90	53.95	3.05	2.92	96	0.84	28	S	FR		
53.95	57.00	3.05	2.92	96	0.35	11	S	FR		
57.00	60.05	3.05	2.55	84	0.00	0	MS	FR		
60.05	63.09	3.04	2.61	86	0.55	18	MS	FR		
63.09	66.14	3.05	2.76	90	0.00	0	MS	FR		
66.14	69.20	3.06	2.57	84	0.00	0	MS	FR		
69.20	72.25	3.05	2.45	80	0.00	0	MS	FR		
72.25	75.29	3.04	2.65	87	0.29	10	MS	FR		
75.29	78.35	3.06	2.71	89	0.17	6	MS	FR		
78.35	81.39	3.04	2.72	89	1.26	41	MS	FR		
81.39	84.44	3.05	2.91	95	1.02	33	MS	FR		
84.44	87.49	3.05	2.88	94	0.83	27	MS	FR		
87.49	90.54	3.05	2.15	70	0.38	12	MS	FR		
90.54	93.59	3.05	3.05	100	1.59	52	MS	FR		
93.59	96.63	3.04	2.73	90	0.95	31	MS	FR		
96.63	99.68	3.05	2.84	93	0.87	29	MS	FR		
99.68	102.72	3.04	2.82	93	0.48	16	MS	FR		
102.72	105.76	3.04	3.05	100	1.18	39	W	FR		
105.76	108.81	3.05	2.90	95	0.82	27	W	FR		
108.81	111.86	3.05	2.83	93	1.19	39	W	FR		
111.86	114.91	3.05	3.05	100	1.22	40	W	FR		
114.91	117.96	3.05	2.54	83	0.24	8	W	FR		
117.96	121.00	3.04	2.72	89	1.22	40	W	FR		
121.00	124.05	3.05	2.85	93	0.43	14	W	FR		
124.05	127.10	3.05	3.05	100	1.17	38	MS	FR		
127.10	130.15	3.05	3.11	102	1.71	56	S	FR		
130.15	133.20	3.05	2.84	93	1.77	58	S	FR		
133.20	136.24	3.04	3.00	99	2.16	71	S	FR		
136.24	139.29	3.05	3.10	102	2.39	78	S	FR		
139.29	142.34	3.05	2.97	97	1.80	59	S	FR		
142.34	145.39	3.05	2.93	96	1.76	58	S	FR		
145.39	148.44	3.05	2.96	97	2.02	66	S	FR		
148.44	151.49	3.05	3.05	100	2.10	69	S	FR		
151.49	154.59	3.10	3.03	98	1.90	61	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.59	157.58	2.99	3.05	102	1.70	57	S	FR		
157.58	160.63	3.05	3.05	100	2.64	87	S	FR		
160.63	163.68	3.05	3.05	100	2.17	71	S	FR		
163.68	166.72	3.04	2.97	98	2.41	79	S	FR		
166.72	169.77	3.05	3.01	99	2.19	72	S	FR		
169.77	172.82	3.05	3.04	100	1.37	45	S	FR		
172.82	175.87	3.05	3.07	101	2.65	87	MS	FR		
175.87	178.92	3.05	3.08	101	2.57	84	MS	FR		
178.92	181.97	3.05	2.93	96	2.12	70	MS	FR		
181.97	185.01	3.04	2.98	98	2.01	66	MS	FR		
185.01	188.05	3.04	2.87	94	0.55	18	MS	FR		
188.05	191.11	3.06	2.78	91	1.37	45	MS	FR		
191.11	194.16	3.05	2.90	95	1.04	34	MS	FR		
194.16	197.20	3.04	2.96	97	2.34	77	MS	FR		
197.20	200.25	3.05	3.04	100	2.46	81	MS	FR		
200.25	203.30	3.05	2.95	97	2.95	97	MS	FR		
203.30	206.35	3.05	2.90	95	2.07	68	MS	FR		
206.35	209.39	3.04	3.10	102	2.23	73	MS	FR		
209.39	212.44	3.05	3.02	99	1.52	50	MS	FR		
212.44	215.49	3.05	2.95	97	1.57	51	MS	FR		
215.49	218.54	3.05	2.98	98	2.13	70	MS	FR		
218.54	221.59	3.05	3.06	100	1.88	62	MS	FR		
221.59	224.64	3.05	2.88	94	1.87	61	MS	FR		
224.64	227.68	3.04	3.00	99	1.32	43	MS	FR		
227.68	230.72	3.04	3.01	99	1.09	36	M	FR		
230.72	233.78	3.06	2.93	96	0.73	24	M	FR		
233.78	236.83	3.05	2.45	80	0.56	18	M	FR		
236.83	239.88	3.05	3.05	100	1.22	40	M	FR		
239.88	242.92	3.04	2.96	97	1.11	37	M	FR		
242.92	245.98	3.06	2.60	85	0.97	32	M	FR		
245.98	249.92	3.94	2.84	72	2.14	54	W	FR		
249.92	252.06	2.14	2.75	129	0.96	45	W	FR		
252.06	255.11	3.05	3.02	99	1.18	39	W	FR		
255.11	258.15	3.04	3.05	100	1.88	62	M	FR		
258.15	261.20	3.05	3.05	100	2.15	70	M	FR		
261.20	264.26	3.06	2.86	93	1.53	50	M	FR		
264.26	267.31	3.05	3.05	100	1.98	65	M	FR		
267.31	270.36	3.05	2.74	90	0.61	20	M	FR		
270.36	273.40	3.04	2.62	86	1.11	37	M	FR		
273.40	276.45	3.05	2.83	93	2.00	66	M	FR		
276.45	279.50	3.05	3.01	99	2.01	66	M	FR		
279.50	282.55	3.05	3.03	99	2.52	83	S	FR		
282.55	285.60	3.05	3.05	100	2.61	86	S	FR		
285.60	288.64	3.04	2.84	93	1.76	58	S	FR		
288.64	291.70	3.06	3.02	99	2.40	78	S	FR		
291.70	294.75	3.05	3.05	100	2.48	81	S	FR		
294.75	297.79	3.04	3.05	100	1.93	63	S	FR		
297.79	300.84	3.05	2.88	94	1.71	56	S	FR		
300.84	303.89	3.05	2.96	97	1.97	65	S	FR		
303.89	306.94	3.05	2.93	96	1.42	47	S	FR		EOH @ 306.94M

SAMPLE LOG

HOLE: KL-11-58

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.05	3.05		0							No Samples
3.05	5.18	2.13	2.01	94	L828960	1					
5.18	7.27	2.09	1.99	95	L828961	1					
7.27	8.93	1.66	1.46	88	L828962	1					
8.93	10.23	1.30	1.27	98	L828963	1					
					L828964	1					Blank
10.23	12.70	2.47	2.45	99	L828965	1					
12.70	15.94	3.24	3.02	93	L828966	1					
15.94	18.62	2.68	2.60	97	L828967	1					
18.62	20.42	1.80	1.72	96	L828968	1					
20.42	22.90	2.48	2.39	96	L828969	1					
22.90	26.50	3.60	3.40	94	L828970	1					
26.50	29.56	3.06	3.05	100	L828971	1					
29.56	30.91	1.35	1.30	96	L828972	1					
					L828973	1					Duplicate
30.91	32.61	1.70	1.61	95	L828974	1					
32.61	35.66	3.05	3.05	100	L828975	1					
35.66	38.71	3.05	3.05	100	L828976	1					
38.71	41.74	3.03	3.02	100	L828977	1					
41.74	44.80	3.06	3.01	98	L828978	1					
44.80	47.85	3.05	3.00	98	L828979	1					Standard: CDN-ME-16
					L828980	1					
47.85	50.90	3.05	3.05	100	L828981	1					
50.90	53.95	3.05	3.05	100	L828982	1					
53.95	57.00	3.05	3.05	100	L828983	1					
57.00	58.00	1.00	0.91	91	L828984	1					
					L828985	1					Blank
58.00	60.40	2.40	2.31	96	L828986	1					
60.40	61.32	0.92	0.80	87	L828987	1					
61.32	62.32	1.00	0.91	91	L828988	1					
62.32	65.00	2.68	2.50	93	L828989	1					
65.00	66.14	1.14	1.00	88	L828990	1					
66.14	68.70	2.56	2.50	98	L828991	1					
					L828992	1					Standard: CDN-ME-16
68.70	70.07	1.37	1.28	93	L828993	1					
70.07	71.35	1.28	1.20	94	L828994	1					
71.35	73.25	1.90	1.88	99	L828995	1					
73.25	75.29	2.04	2.00	98	L828996	2					
75.29	78.35	3.06	3.00	98	L828997	2					
78.35	80.76	2.41	2.35	98	L828998	2					
80.76	82.60	1.84	1.78	97	L828999	2					
82.60	83.6	1.00	0.98	98	L829000	2					
83.60	84.60	1.00	0.98	98	K972851	2					
					K972852	2					Blank
84.60	86.69	2.09	2.04	98	K972853	2					
86.69	90.07	3.38	3.25	96	K972854	2					
90.07	92.88	2.81	2.71	96	K972855	2					
92.88	93.88	1.00	0.99	99	K972856	2					
93.88	96.63	2.75	2.65	96	K972857	2					
96.63	99.68	3.05	3.00	98	K972858	2					
99.68	102.72	3.04	3.01	99	K972859	2					
102.72	105.76	3.04	3.05	100	K972860	2					
105.76	107.45	1.69	1.67	99	K972861	2					
107.45	108.75	1.30	1.30	100	K972862	2					
					K972863	2					Blank
108.75	111.86	3.11	3.11	100	K972864	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
111.86	114.91	3.05	3.05	100	K972865	2					
114.91	116.36	1.45	1.40	97	K972866	2					
116.36	117.96	1.60	1.38	86	K972867	2					
					K972868	2					Standard: CDN-ME-16
117.96	121.45	3.49	3.40	97	K972869	2					
121.45	124.29	2.84	2.78	98	K972870	2					
124.29	125.29	1.00	0.95	95	K972871	2					
125.29	126.56	1.27	1.20	94	K972872	2					
126.56	127.56	1.00	1.00	100	K972873	2					
127.56	128.87	1.31	1.30	99	K972874	2					
128.87	130.95	2.08	2.05	99	K972875	2					
					K972876	2					Duplicate
130.95	133.20	2.25	2.15	96	K972877	2					
133.20	134.58	1.38	1.31	95	K972878	2					
134.58	135.61	1.03	1.03	100	K972879	2					
					K972880	2					Standard: CDN-ME-16
135.61	138.74	3.13	3.00	96	K972881	2					
138.74	141.73	2.99	2.99	100	K972882	3					
141.73	143.20	1.47	1.47	100	K972883	3					
143.20	144.20	1.00	1.00	100	K972884	3					
					K972885	3					Duplicate
144.20	146.90	2.70	2.65	98	K972886	3					
146.90	149.14	2.24	2.20	98	K972887	3					
149.14	150.39	1.25	1.20	96	K972888	3					
					K972889	3					Standard: CDN-ME-16
150.39	153.39	3.00	3.00	100	K972890	3					
153.39	155.52	2.13	2.10	99	K972891	3					
155.52	156.02	0.50	0.50	100	K972892	3					
156.02	157.43	1.41	1.39	99	K972893	3					
157.43	158.97	1.54	1.50	97	K972894	3					
158.97	160.26	1.29	1.20	93	K972895	3					
					K972896	3					Blank
160.26	161.90	1.64	1.54	94	K972897	3					
161.90	164.75	2.85	2.79	98	K972898	3					
164.75	165.75	1.00	0.91	91	K972899	3					
165.75	167.26	1.51	1.48	98	K972900	3					
167.26	169.77	2.51	2.41	96	L829001	3					
169.77	172.82	3.05	3.05	100	L829002	3					
172.82	175.87	3.05	3.05	100	L829003	3					
175.87	177.35	1.48	1.45	98	L829004	3					
					L829005	3					Standard: CDN-ME-16
177.35	179.28	1.93	1.90	98	L829006	3					
179.28	181.17	1.89	1.80	95	L829007	3					
181.17	182.66	1.49	1.38	93	L829008	3					
182.66	184.86	2.20	2.10	95	L829009	3					
					L829010	3					Blank
184.86	186.51	1.65	1.60	97	L829011	3					
186.51	187.56	1.05	1.00	95	L829012	3					
187.56	188.96	1.40	1.35	96	L829013	3					
188.96	190.62	1.66	1.70	102	L829014	3					
190.62	191.63	1.01	1.00	99	L829015	3					
191.63	192.63	1.00	0.93	93	L829016	3					
192.63	194.34	1.71	1.71	100	L829017	3					
194.34	195.70	1.36	1.31	96	L829018	4					
195.70	196.70	1.00	0.89	89	L829019	4					
					L829020	4					Blank
196.70	198.64	1.94	1.89	97	L829021	4					
198.64	202.00	3.36	3.21	96	L829022	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
202.00	204.00	2.00	1.93	97	L829023	4					
204.00	205.43	1.43	1.41	99	L829024	4					
205.43	207.60	2.17	2.11	97	L829025	4					
					L829026	4					Duplicate
207.60	208.70	1.10	1.00	91	L829027	4					
208.70	211.08	2.38	2.31	97	L829028	4					
211.08	212.44	1.36	1.31	96	L829029	4					
212.44	213.44	1.00	1.00	100	L829030	4					
					L829031	4					Blank
213.44	215.49	2.05	2.00	98	L829032	4					
215.49	217.06	1.57	1.54	98	L829033	4					
217.06	218.06	1.00	1.00	100	L829034	4					
218.06	221.27	3.21	3.18	99	L829035	4					
221.27	224.12	2.85	2.88	101	L829036	4					
224.12	225.74	1.62	1.60	99	L829037	4					
225.74	227.16	1.42	1.40	99	L829038	4					
227.16	229.64	2.48	2.42	98	L829039	4					
					L829040	4					Standard: PL-2
229.64	231.41	1.77	1.70	96	L829041	4					
231.41	232.41	1.00	1.00	100	L829042	4					
232.41	234.18	1.77	1.75	99	L829043	4					
234.18	234.84	0.66	0.62	94	L829044	4					
234.84	236.19	1.35	1.30	96	L829045	4					
236.19	238.07	1.88	1.85	98	L829046	4					
238.07	239.51	1.44	1.40	97	L829047	4					
					L829048	4					Blank
239.51	240.58	1.07	1.07	100	L829049	4					
240.58	241.70	1.12	1.12	100	L829050	4					
241.70	242.92	1.22	1.20	98	L829051	4					
242.92	245.31	2.39	2.36	99	L829052	4					
245.31	247.97	2.66	2.63	99	L829053	4					
247.97	248.97	1.00	0.91	91	L829054	5					
248.97	249.97	1.00	0.95	95	L829055	5					
249.97	252.06	2.09	2.03	97	L829056	5					
252.06	255.11	3.05	3.05	100	L829057	5					
255.11	258.15	3.04	3.00	99	L829058	5					
258.15	259.39	1.24	1.21	98	L829059	5					
259.39	261.48	2.09	2.06	99	L829060	5					
					L829061	5					Blank
261.48	262.78	1.30	1.25	96	L829062	5					
262.78	264.20	1.42	1.40	99	L829063	5					
264.20	265.20	1.00	0.93	93	L829064	5					
265.20	266.20	1.00	0.88	88	L829065	5					
266.20	267.31	1.11	1.11	100	L829066	5					
267.31	270.36	3.05	3.05	100	L829067	5					
					L829068	5					Standard: PL-2
270.36	273.21	2.85	2.80	98	L829069	5					
273.21	274.36	1.15	1.10	96	L829070	5					
274.36	275.38	1.02	1.00	98	L829071	5					
275.38	276.38	1.00	0.99	99	L829072	5					
276.38	278.38	2.00	1.93	97	L829073	5					
278.38	280.20	1.82	1.80	99	L829074	5					
					L829075	5					Duplicate
280.20	282.55	2.35	2.30	98	L829076	5					
282.55	285.60	3.05	3.04	100	L829077	5					
285.60	287.35	1.75	1.71	98	L829078	5					
287.35	288.58	1.23	1.18	96	L829079	5					
					L829080	5					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
288.58	290.03	1.45	1.39	96	L829081	5					
290.03	291.03	1.00	1.00	100	L829082	5					
291.03	294.04	3.01	3.00	100	L829083	5					
294.04	295.48	1.44	1.40	97	L829084	5					
295.48	296.20	0.72	0.71	99	L829085	5					
296.20	297.20	1.00	0.92	92	L829086	5					
297.20	299.59	2.39	2.39	100	L829087	5					
					L829088	5					Standard: PL-2
299.59	301.46	1.87	1.80	96	L829089	5					
301.46	303.70	2.24	2.20	98	L829090	6					
303.70	305.32	1.62	1.60	99	L829091	6					
					L829092	6					Standard: CDN-ME-16
305.32	306.96	1.64	1.54	94	L829093	6					
	EOH										

DENSITY LOG

Hole: **KL-11-58**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
	STD											1976.4	1745	2Kg Standard		8.54
196.46-.56	GRD/VEN	MA	phyllic	ms	35			Sp	7	10.214	6.363	1185.1	862.3		3.65	3.67
								Cp	5							
								As	7							
190.00-.08	Pyrite vein	MA			85			Sp	5	7.833	6.33	1083	845.6		4.39	4.56

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-58

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00			20.23	
4.00			24.82	
5.00			12.73	
6.00			23.87	
7.00			0.749	
8.00			0.632	
9.00			0.359	
10.00			0.101	
11.00			0.13	
12.00			0.182	
13.00			0.135	
14.00			0.163	
15.00			0.151	
16.00			0.166	
17.00			0.135	
18.00			0.137	
19.00			0.115	
20.00			0.203	
21.00			0.369	
22.00			0.658	
23.00			9.594	
24.00			19.03	
25.00			19.23	
26.00			13.23	
27.00			17.26	
28.00			18.25	
29.00			14.65	
30.00			25.7	
31.00			18.37	
32.00			23.49	
33.00			16.44	
34.00			15.3	
35.00			14.29	
36.00			23.27	
37.00			16.59	
38.00			16.35	
39.00			15.27	
40.00			17.94	
41.00			12.42	
42.00			16.22	
43.00			24.49	
44.00			20.08	
45.00			13.4	
46.00			20.79	
47.00			21	
48.00			13.02	
49.00			19.37	
50.00			21.26	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			15.93	
52.00			22.94	
53.00			22.64	
54.00			17.91	
55.00			22.96	
56.00			21.37	
57.00			24.91	
58.00			21.82	
59.00			7.769	
60.00			23.92	
61.00			21.46	
62.00			0.711	
63.00			16.44	
64.00			32.08	
65.00			34.46	
66.00			27.62	
67.00			4.474	
68.00			27.71	
69.00			26.72	
70.00			5.016	
71.00			0.398	
72.00			15.95	
73.00			1.215	
74.00			0.633	
75.00			35.56	
76.00			33.4	
77.00			1.8666	
78.00			30.91	
79.00			3.321	
80.00			6.114	
81.00			0.828	
82.00			0.051	
83.00			0.285	
84.00			0.225	
85.00			18.55	
86.00			0.355	
87.00			0.15	
88.00			0.181	
89.00			2.16	
90.00			4.598	
91.00			0.969	
92.00			0.212	
93.00			0.444	
94.00			0.345	
95.00			2.56	
96.00			29.75	
97.00			0.175	
98.00			0.191	
99.00			0.176	
100.00			0.197	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.479	
102.00			1.258	
103.00			25.68	
104.00			20.6	
105.00			24.88	
106.00			20.77	
107.00			24.01	
108.00			15.77	
109.00			5.083	
110.00			19.6	
111.00			44.33	
112.00			50.44	
113.00			15.62	
114.00			34.01	
115.00			6.341	
116.00			2.294	
117.00			11.21	
118.00			0.521	
119.00			3.133	
120.00			0.414	
121.00			0.656	
122.00			0.187	
123.00			0.395	
124.00			0.301	
125.00			0.242	
126.00			0.419	
127.00			0.339	
128.00			0.363	
129.00			0.631	
130.00			1.462	
131.00			26.01	
132.00			19.42	
133.00			15.78	
134.00			1.324	
135.00			17.02	
136.00			21.72	
137.00			25.4	
138.00			29.35	
139.00			24.46	
140.00			3.906	
141.00			16.53	
142.00			18.32	
143.00			22.67	
144.00			19.4	
145.00			21.53	
146.00			10.68	
147.00			27.32	
148.00			20.49	
149.00			0.952	
150.00			21.38	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			18.38	
152.00			25.87	
153.00			25.76	
154.00			22.58	
155.00			22.02	
156.00			0.521	
157.00			0.291	
158.00			0.417	
159.00			0.577	
160.00			0.315	
161.00			0.886	
162.00			19.73	
163.00			19.89	
164.00			32.71	
165.00			0.738	
166.00			0.718	
167.00			22.56	
168.00			35.41	
169.00			47.4	
170.00			25.39	
171.00			16.27	
172.00			30.44	
173.00			29.33	
174.00			26.22	
175.00			32.48	
176.00			28.14	
177.00			3.05	
178.00			0.285	
179.00			0.885	
180.00			0.569	
181.00			0.774	
182.00			0.486	
183.00			0.06	
184.00			0.179	
185.00			0.23	
186.00			0.331	
187.00			0.674	
188.00			0.398	
189.00			0.569	
190.00			0.031	
191.00			0.64	
192.00			0.449	
193.00			0.494	
194.00			0.46	
195.00			0.402	
196.00			0.683	
197.00			0.457	
198.00			0.714	
199.00			6.941	
200.00			13.13	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			1.151	
202.00			0.446	
203.00			0.37	
204.00			1.075	
205.00			0.566	
206.00			0.797	
207.00			14.987	
208.00			0.543	
209.00			7.821	
210.00			2.13	
211.00			0.784	
212.00			12.91	
213.00			0.488	
214.00			0.524	
215.00			4.069	
216.00			1.043	
217.00			0.701	
218.00			12.79	
219.00			19.45	
220.00			2.531	
221.00			16.42	
222.00			0.45	
223.00			0.373	
224.00			0.389	
225.00			0.573	
226.00			0.503	
227.00			0.926	
228.00			0.867	
229.00			0.679	
230.00			0.71	
231.00			0.719	
232.00			0.411	
233.00			0.618	
234.00			0.562	
235.00				
236.00				
237.00			0.41	
238.00			0.239	
239.00			0.174	
240.00			0.668	
241.00			0.383	
242.00			0.3674	
243.00			0.363	
244.00			0.954	
245.00			0.561	
246.00			0.421	
247.00			0.381	
248.00			0.333	
249.00			0.455	
250.00			0.545	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.245	
252.00			0.303	
253.00			0.197	
254.00			0.212	
255.00			0.195	
256.00			0.151	
257.00			0.253	
258.00			0.241	
259.00			0.193	
260.00			0.415	
261.00			0.533	
262.00			0.472	
263.00			0.581	
264.00			0.647	
265.00			0.372	
266.00			0.404	
267.00			0.352	
268.00			0.291	
269.00			0.356	
270.00			0.219	
271.00			0.276	
272.00			0.398	
273.00			0.384	
274.00			0.226	
275.00			0.592	
276.00			2.555	
277.00			1.078	
278.00			27.97	
279.00			2.794	
280.00			33.29	
281.00			46.53	
282.00			40.36	
283.00			24.73	
284.00			49.23	
285.00			45.45	
286.00			22.01	
287.00			18.94	
288.00			0.67	
289.00			19.36	
290.00			0.52	
291.00			0.734	
292.00			24.28	
293.00			38.47	
294.00			0.723	
295.00			1.019	
296.00			0.53	
297.00			0.491	
298.00			35.79	
299.00			28.37	
300.00			29.68	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			40.49	
302.00			27.82	
303.00			44.52	
304.00			24.3	
305.00			13.96	
306.00			36.38	
				EOH

BOX LOG

HOLE: KL-11-58

BOX	FROM (m)	TO (m)
1	0.00	5.46
2	5.46	9.57
3	9.57	13.84
4	13.84	17.37
5	17.37	20.82
6	20.82	24.52
7	24.52	28.41
8	28.41	32.61
9	32.61	36.42
10	36.42	40.21
11	40.21	44.25
12	44.25	48.14
13	48.14	52.15
14	52.15	55.00
15	55.00	58.47
16	58.47	61.69
17	61.69	65.00
18	65.00	68.76
19	68.76	72.15
20	72.15	75.62
21	75.62	79.47
22	79.47	82.86
23	82.86	86.19
24	86.19	90.07
25	90.07	93.59
26	93.59	97.35
27	97.35	101.10
28	101.10	104.91
29	104.91	108.81
30	108.81	112.67
31	112.67	116.36
32	116.36	119.95
33	119.95	123.65
34	123.65	127.32
35	127.32	131.35
36	131.35	135.61
37	135.61	139.42
38	139.42	143.57
39	143.57	147.54
40	147.54	151.49
41	151.49	155.52
42	155.52	159.58
43	159.58	163.55
44	163.55	167.52
45	167.52	171.75
46	171.75	175.87
47	175.87	180.16
48	180.16	184.32
49	184.32	188.23
50	188.23	191.98
51	191.98	196.31
52	196.31	200.54
53	200.54	205.17
54	205.17	209.22
55	209.22	213.28
56	213.28	217.12
57	217.12	221.69
58	221.69	224.69
59	224.69	228.27
60	228.27	231.63
61	231.63	234.84
62	234.84	238.13
63	238.13	241.68
64	241.68	145.31
65	145.31	249.44
66	249.44	253.11
67	253.11	256.44
68	256.44	260.50
69	260.50	264.53
70	264.53	268.31
71	268.31	272.00
72	272.00	275.92
73	275.92	280.20
74	280.20	284.38
75	284.38	288.64
76	288.64	292.67
77	292.67	296.92
78	296.92	300.93
79	300.93	305.30
80	305.30	306.94
EOH		

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382991.96	6889981.2	1376.759	273.41

ZONE: KLAZA

SECTION:

HOLE: KL-11-59

CLAIM:

Contractor: Strike

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by: Jared Tarswell

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass				
273.41	35	-50	Acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.05	3.05	OVB	Casing/No recovery.
3.05	32.61	29.56	GRD/VEN	Oxidized granodiorite. Last 15 m host massive galena
				and sphalerite veins. Very gougy material.
32.61	100.04	67.43	GRD	Mostly unaltered granodiorite, some patchy alteration
100.04	132.55	32.51	GRD	Very strong phyllic altered granodiorite developing int
				gouge veins frequently. Numerous large smokey
				quartz veins throughout.
132.55	186.20	53.65	GRD/VEN	Phyllic/argillic altered granodiorite developing into
				vein zones on occasion. Semi-massive sulphides in
				vein zones. Zones upto 3 m wide.
186.2	256.5	70.30	GRD/VEN	Phyllic/argillic altered granodiorite, very soft. Large
				abundant chalcedony sulphide veins. Quartz feldspar
				porhyry dykes in interval associated with highest
				grade mineralization along dyke margins.
256.5	273.4	16.90	GRD	lightly to unaltered granodiorite. 273.40 EOH.

SAMPLES

Numbers: L829094-L829258

Total: 165

Batch: KL-11-59 Batch 1-5

Date Sent:

Certificate: WH11198196, WH11198503, WH11198504, WH11198506, WH11198585, WH11246640

COMMENTS

GEOLOGY LOG

HOLE: KL-11-59

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.05	3.05				OVB																					Overburden, no recovery
3.05	18.31	15.26				GRD	ORGY		t			ms															Strongly oxidized granodiorite, particularly in fractures. Some phyllic altered intervals. These zones are highly weathered and host abundant limonite staining.
			8.56	10.19	1.63		ORGN		ms		t	i								t		t	t				Intensely oxidized phyllic altered granodiorite hostin few 1cm quartz veins with blebby sphalerite, galena, pyrite. Some veins are to oxidized to determine sulphide.
			16.00	16.17	0.17	VEN	ORGN		i		i	i			VN	80				tw			t	Go	ms		Intensely oxidized , phyllic altered quartz vein. Goethite and limonite staining very strong. Limonite pits throughout. Blebby galena and pyrite +/- sphalerite present.
18.31	19.20	0.89				MAF	DKBR	DY				i			DY	75											Oxidized/limonite stained mafic dyke. Orange altered feldspars throughout.
19.20	22.08	2.88				GRD	WHOR		ms	ms		i	ARG	ms													Phyllic/argillic altered interval. Extremely oxidized. Limonite staining very strong on argillic altered intervals. Highgrade sulphide vein at dyke contact.
			19.20	19.49	0.29	VEN	ORGN		i		90	i								ms		m		Go	ms		Strongly limonite/goethite stained vein zone. Quartz vein 8cm wide hosted in oxidized phyllic altered granodiorite. Quartz vein hosts rusted blebby pyrite and blackjack sphalerite.
22.08	26.97	4.89				GRD	GYOR					m															Unaltered granodiorite with strong limonite staining in fractures.
			26.34	26.52	0.18		GNOR		i			tw			VT	80				ms		ms	t				Phyllic altered granodiorite hosting a narrow quartz vein with trace galena and massive sphalerite/pyrite stringers.
26.97	32.61	5.64					GNOR		i		i	m								tw		tw	t				Phyllic altered granodiorite hosting numerous quartz veins associated with semi-massive sulphides. Moderate oxidation throughout interval. Strong quartz flooding. Weak vein zone.
			28.29	28.45	0.16	VEN	GNBK	MA	i		50	ms			VN	78				m		i					Massive sphalerite vein 6cm wide hosting blebby pyrite. 3x massive pyrite veinlets in phyllic altered granodiorite on footwall side of sphalerite vein.
			29.42	29.64	0.22	VEN	WHGN	VU	i		50	ms			VN	65				tw				Se	i		Anastomosing, milky, vuggy quartz veins orientated approximately 65 degrees to core axis. Veins hosted in strongly sericitized granodiorite. Disseminated pyrite throughout interval with increased abundance around veins.
			32.00	32.22	0.22	VEN	BK	FG			i	ms			VN	78				m		t					Black ground up sulphide vein hosting swirling quartz veins. Blebby, spherical pyrite groups and trace sphalerite. Rare rounded quartz clasts in black vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
32.61	64.38	31.77				GRD	GY					t															Unaltered grey granodiorite with weak limonite staining in fractures. Very hard and competent.
			49.06	49.90	0.84		GNWH		ms	ms	m	t	ARG	ms						t							Phyllic altered granodiorite with an 8cm argillic altered envelope hosting a chalcedony quartz vein and disseminated pyrite. Trace limonite staining.
			49.34	49.52	0.18	VEN	WH		i						VN	?				ms				Ca	ms		Chalcedony quartz vein with calcite veinlets around it. Very broken. Almost down to fragments only. Semi-massive pyrite throughout interval.
			57.97	58.40	0.43		GNWH			t			PRO	ms										Cl	tw		Soft propylitic altered granodiorite with localized argillic alteration. Interval looks like it is moving from propylitic to argillic alteration.
													ARG	t													
64.38	100.04	35.66				GRD	GNGY	PA	m	t	tw		ARG	t						t							Unaltered granodiorite base with patchy, wide intervals of propylitic, phyllic, and argillic altered granodiorite. These zones host quartz veins +/- sulphides.
			66.14	67.05	0.91		DKGN	PA	ms		t		PRO	s						tw		tw					Patchy propylitic and phyllic altered interval hosting 2x quartz/sulphide veins.
			66.33	66.38	0.05	VEN	MT	MA			100				VN	80				ms		ms					Milky/clear quartz vein hosting massive sphalerite, pyrite veinlets.
			67.80	71.85	4.05		GNGY	PA	ms	t	t		PRO	ms						tw		tw					Patchy phyllic dominated with lesser argillic and propylitic altered granodiorite. Interval hosts strong quartz/sulphide veins associated with the strongest phyllic altered regions.
			67.80	68.05	0.25	VEN	GY	FL	i		100				VN	75				m		tw					Flowbanded grey quartz vein hosting pervasive pyrite and trace to blebby sphalerite. Strongly silicified.
			69.83	69.91	0.08	VEN	WHGY		i		70				VN	75				m		m	m				Grey/milky quartz vein hosting semi-massive galena, sphalerite and pyrite. Vein hosted in a silicious phyllic altered granodiorite.
			70.13	70.22	0.09	VEN	WHGY		i		70				VN	75				m		f	f				Grey/milky quartz vein hosting semi-massive galena, sphalerite and pyrite. Vein hosted in a silicious phyllic altered granodiorite.
			71.62	71.64	0.02	VEN	WHGY		i		70				VN	70				m		f	t				Grey/milky quartz vein hosting semi-massive galena, sphalerite and pyrite. Vein hosted in a silicious phyllic altered granodiorite.
			72.24	73.67	1.43		LTGN		i				PRO	tw										Ep	tw		Strongly phyllic altered, pale to light green coloured granodiorite. Weak propylitic alteration in some intervals distal to quartz veins. Localized pervasive epidote. Quartz stringers throughout zone.
			74.07	78.75	4.68		GNGY	PA	ms	t	t		PRO	ms						tw							Patchy phyllic dominated with lesser argillic and propylitic altered granodiorite. Interval hosts strong quartz/sulphide veins associated with the strongest phyllic altered regions.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			76.70	77.12	0.42	BXA	BKMT	MA			i				VN	75				i							Silicified black breccia zone with a mix of milky quartz and phyllic granodiorite clasts. Lower contact is with a 12cm massive pyrite vein. Very coarse grained
			81.59	82.59	1.00		LTGN		i				PRO	tw										Ep	tw		Strongly phyllic altered, pale to light green coloured granodiorite. Weak propylitic alteration in some intervals distal to quartz veins. Localized pervasive epidote. Quartz stringers throughout zone.
			82.09	82.24	0.15	VEN	WH	VU			100				VN	80				t							Vuggy milky quartz vein. Very strong epithermal textures. Some small grey breccia clasts. Trace disseminated pyrite throughout.
			83.59	83.67	0.08	VEN	WH	VU			100				VN	80				t							Vuggy milky quartz vein. Very strong epithermal textures. Some small grey breccia clasts. Trace disseminated pyrite throughout.
			85.45	86.72	1.27		LTGN		i				PRO	tw										Ep	tw		Strongly phyllic altered, pale to light green coloured granodiorite. Weak propylitic alteration in some intervals distal to quartz veins. Localized pervasive epidote. Quartz stringers throughout zone.
			86.10	86.16	0.06	VEN	PKGY		i		i				VN	60								He	t		Pink/grey quartz/ankorite vein. Minor hematite on fractures. A single small anhydrite angular/tabular clast in vein.
			92.86	96.62	3.76		GNWH	PA	ms	ms	t		ARG	ms						t		t					Equally argillic and phyllic altered patchy granodiorite. Phyllic alteration more common near quartz veins. Argillic alteration has hints of very weak potassic altered overprinting. Minor quartz flooding near veins.
													POT	t													
			93.31	93.44	0.13	VEN	WHBK				100				VN	80				m		m					Chalcedony quartz vein hosting abundant blebby sphalerite and pyrite. Quartz vein has an almost mottled texture.
			94.92	94.97	0.05	VEN	WHBK				101				VN	70				m		m					Chalcedony quartz vein hosting abundant blebby sphalerite and pyrite. Quartz vein has an almost mottled texture.
100.04	107.65	7.61				GRD	GNWH		i	i	i									f		t					Intensely phyllic, quartz flooded interval hosting infrequent sulphide veins. Interval dominated by vein clay in fractures and narrow zones. Gouge zones host abundant quartz clasts. Very light green silicious coloured granodiorite, clay is white. Hanging wall interval of strong vein zone.
			102.10	102.90	0.80	VEN		GO		i					GO	?				t							Large gouge zone hosting abundant light grey quartz fragments and weak disseminated pyrite.
			103.00	104.13	1.13		LTGN	BK	i	i	i																Intensely phyllic altered and quartz flooded granodiorite extremely fragmented by strong gouge in fractures. Very broken interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			105.77	106.47	0.70		LTGN	BK	i	i	i									t		t					Similar to above. Fragments also host massive sphalerite and pyrite.
			107.65	109.73	2.08	VEN	BKGY	BK			90				VN	?				i							Smokey quartz/grey quartz. Extremely broken and blocky hosting pervasive coarse grained pyrite. Some fragments represent quartz breccia intervals to destroyed to piece together.
109.73	113.60	3.87				FLT	LTGN	GO	i	100					GO	65				ms				Se	ms		Light green coloured clay vein hosting pervasive finegrained pyrite and intensely sericitized areas. Milky and grey quartz material speradically cut interval. Very soft, would melt if rained on.
113.60	123.55	9.95				GRD	LTGN	FG	i		i									tw		t					Light green coloured very finegrained and quartz flooded, phyllic altered granodiorite hosting strong disseminated pyrite and the odd gouge/quartz vein. Footwall interval of vein zone.
			114.27	114.91	0.64	FLT	LTGN	GO	i	100					GO	55				ms				Se	ms		Light green coloured clay vein hosting pervasive finegrained pyrite and intensely sericitized areas. Milky and grey quartz material speradically cut interval. Very soft, would melt if rained on.
			117.67	117.83	0.16	VEN	WHBK	STW			100				VN	78				i		m					Chalcedony quartz vein cross cut by stockworking pyrite/sphalerite and smokey quartz veins. Chalcedony vein itself hosts semi-massive pyrite blebs throughout.
			118.38	118.41	0.03	VEN	WH	VU			100				VN	75				ms		ms					Vuggy milky quartz vein hosting blebby pyrite and sphalerite.
			118.77	118.83	0.06	VEN	WH	VU			100				VN	70				ms		ms					Vuggy milky quartz vein hosting blebby pyrite and sphalerite.
			119.15	119.27	0.12	VEN	WH	VU			100				VN	80				ms		ms					Vuggy milky quartz vein hosting blebby pyrite and sphalerite.
123.55	132.55	9.00				GRD	GNGY	PA	ms	ms	tw		PRO	ms						t							Patchy rainbow of argillic/propylitic/phyllic altered granodiorite. Few quartz veins least altered interval in a very altered hole.
			128.90	129.05	0.15	VEN	WH	FL			100									i		ms					Milky quartz vein with flow banded epithermal textures hosting abundant blebby pyrite and sphalerite.
132.55	186.20	53.65				GRD	LTGN		s	t	ms									s							Strongly phyllic altered and moderately quartz flooded light green coloured granodiorite. Interval developes into gouge and vein zones periodically. Phyllic alteration is amazingly consitant over whole zone. Pervasive pyrite hosted throughout whole zone (locally decreasing to disseminated).
			133.86	135.74	1.88	VEN	LTGN	GO	i		i				VN	?				ms		tw					Phyllic altered vein zone. Very broken. Vein clay material is abundant and hosts quartz fragments and pervasive pyrite. Smokey/milky quartz veins also present. To broken for orientation. Blebby pyrite and sphalerite associated with quartz veins.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			136.97	137.27	0.30	VEN	LTGN	GO	i	100					GO	75				t							Light green gouge vein hosting finegrained disseminated pyrite and quartz fragments.
			137.74	139.00	1.26	VEN	LTGN	BK	i	i					GO	?				t							Gougy zone not as developed as above. Hosts disseminated pyrite and quartz fragments but large phyllic altered granodiorite clasts are also present (not fully destroyed). Very broken.
			139.65	139.79	0.14	VEN	LTGN	BK	i	i					GO	?				t							Gougy zone not as developed as above. Hosts disseminated pyrite and quartz fragments but large phyllic altered granodiorite clasts are also present (not fully destroyed). Very broken.
			146.94	147.15	0.21	VEN			i		80				VN	75				ms		tw		To	ms		Quartz/tourmaline vein hosting massive pyrite and blebby sphalerite. Milky and clear quartz present. Tourmaline is pervasive (typical strong tourmaline/quartz vein).
			152.09	152.66	0.57	VEN	WHGN	VU	50		50				VN	75				i		i					Chalcedony quartz vein 15cm wide hosting massive pyrite and sphalerite. Interval is extremely phyllic/silicious granodiorite with pervasive coarse grained pyrite. Interval hosts numerous vuggy milky quartz veins that have crystalized from the outside in (ooid like).
			156.74	157.75	1.01		WHGN			i			PRO	i													Lightly green stained argillic altered interval with localized propylitic altered zones that are moving to clay. Localized weak potassic alteration overprinting argillic.
													POT	t													
													ARG	i													
			160.63	160.87	0.24	VEN	WH	BK	i						VN	?								Ca	100		Broken calcite vein with gougy phyllic altered granodiorite on footwall side.
			164.62	165.90	1.28	VEN	LTGN		i	i	i		SER	i	VN	20				i				Se	i		Silicious, strongly phyllic altered granodiorite hosting pervasive pyrite and a strong, very low angle gouge vein. Vein is extremely sericitized and hosts finegrained disseminated pyrite. Vein is about 3cm wide. Localized pods of massive pyrite.
			168.13	168.22	0.09	VEN	MT	MA	i						VN	80				90		s					Massive, coarse grained pyrite vein hosting blebby sphalerite. Vein hosted in a silicious strongly phyllic altered granodiorite.
			168.32	168.88	0.56	VEN	GYWH	GO		i			SER	i	GO	65				i				Se	i		White.grey intensely sericitized gouge vein hosting pervasive finegrained pyrite. Hands turn metallic when vein is touched. Very sticky.
			177.13	178.13	1.00	VEN	GYWH	GO	i	i			SER	i	GO	?				i				Se	i		White.grey intensely sericitized gouge vein hosting pervasive finegrained pyrite. Hands turn metallic when vein is touched. Very sticky. Extremely phyllic altered.
			178.35	178.43	0.08	VEN	DKGY		i		i				VN	78				i							Very silicified zone cross cut by smokey quartz stringers hosting massive pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			182.85	182.95	0.10	VEN	DKGY			i	i				VN	80				t							Dark, softer black vein hosting finegrained disseminated pyrite and localized quartz flooding. Smokey quartz veins also present.
			185.00	185.06	0.06	VEN	WH				100				VN	80				w							Chalcedony quartz vein hosting blebby pyrite
186.20	194.16	7.96				GRD	GNWH	PA		tw			PRO	tw													Patchy weakly propylitic and argillic altered granodiorite.
													ARG	tw													
			190.01	190.88	0.87		WHGN			m			ARG	m													Moderate argillic altered granodiorite. Localized areas of less intense alteration exhibits a green stained hard crust (cracked) overlaying softer argillic altered interior.
			191.26	192.58	1.32		WHGN			m			ARG	m													Moderate argillic altered granodiorite. Localized areas of less intense alteration exhibits a green stained hard crust (cracked) overlaying softer argillic altered interior.
194.16	197.04	2.88				GRD	LTGN		i		i									tw							Silicious, strongly phyllic altered granodiorite. Ankorite veinlets and disseminated pyrite throughout.
			196.58	197.04	0.46	VEN	LTGN	GO	i	i					GO	80				m							Very soft, phyllic altered zone with black swirls throughout. Interval hosts quartz fragments and pervasive finegrained pyrite.
197.04	208.87	11.83				POR	LTGY	DY							DY	77											Quartz feldspar porphyry dyke
			207.71	208.00	0.29		LTGN	GO	i	i					GO	65				m							Gouge zone composed of dyke material with black swirls and extremely finegrained disseminated pyrite. Footwall and hanging wall contacts each dip opposite directions, both at 65 degrees.
208.87	226.50	17.63				GRD	LTGN		i		i									tw							Phyllic altered granodiorite. Very silicious. Trace disseminated pyrite throughout increasing around vien zones. Some massive sulphide veins and gouge intervals present. Light green colour, fairly competent.
			208.93	209.03	0.10	VEN	MT	MA	i						VN	80				i		tw					Massive pyrite vein with weak blebby sphalerite
			214.40	215.09	0.69		LTGN	GO	i	i					GO	?				f							Gouge zone, very broken. About 50% composed of phyllic altered granodiorite clasts. Coarse grained disseminated pyrite throughout.
			216.80	216.98	0.18	VEN	GYMT	MA			90				VN	75				i							Grey quartz vein hosting massive pyrite blebs. Footwall side of vein is composed of black swirling material (soft) hosting quartz fragments and disseminated pyrite.
			217.25	218.15	0.90	VEN	LTGN		i	i	i		SER	i	VN	20				i				Se	i		Silicious, strongly phyllic altered granodiorite hosting pervasive pyrite and a strong, very low angle gouge vein. Vein is extremely sericitized and hosts finegrained disseminated pyrite. Vein is about 3cm wide. Localized pods of massive pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			223.85	224.37	0.52		LTGN	GO	i	i					GO	?				f							Gouge zone, very broken. About 50% composed of phyllic altered granodiorite clasts. Coarse grained disseminated pyrite throughout.
226.50	230.03	3.53				GRD	WHPK			ms			ARG	ms													Largely argillic altered granodiorite overprinted by potassic alteration. Kyolanite/montmorillonite minerals are stained pink.
													POT	ms													
			229.73	229.82	0.09	VEN	MT	BN			100				VN	80				i				Cp	i		Banded massive chalcopyrite and pyrite hosted in a chalcedony quartz vein.
230.03	238.58	8.55				GRD	GYWH			t			ARG	t													Unaltered granodiorite with few weakly argillic or propylitic altered intervals.
													PRO	t													
			230.49	231.41	0.92		WHGN			m			ARG	m													Moderate argillic altered granodiorite. Localized areas of less intense alteration exhibits a green stained hard crust (cracked) overlaying softer argillic altered interior.
			236.05	237.78	1.73		GNWH	PA			m		PRO	m													Patchy propylitic/argillic altered granodiorite
													ARG	m													
238.58	239.92	1.34					LTGN	FD	i		i									ms							Phyllic, quartz flooded interval hosting pervasive pyrite and blebby massive pyrite. Dyke contact interval.
			239.45	239.92	0.47		LTGN	MO	i		i									s							Mottled quartz/pyrite interval in a silicious phyllic altered granodiorite. Pyrite and quartz increase to dyke contact. Chalcedony quartz variety.
239.92	245.56	5.64				POR	LTGY	DY							DY	65											Quartz feldspar porphyry dyke
245.56	247.12	1.56				GRD	LTGN		i		ms									m			t				Phyllic altered granodiorite. Silicious disseminated pyrite throughout interval hosts a chalcedony quartz vein with trace galena.
			246.70	246.77	0.07	VEN	WH				100				VN	80				tw			tw				Chalcedony quartz vein hosting coarse grained pyrite and galena blebs, few.
247.12	253.22	6.10				GRD	GNGY	PA	t				ARG	tw													Patchy, mostly lightly altered argillci and propylitic altered granodiorite. Some phyllic alteration as well. Large unaltered intervals.
													PRO	tw													
253.22	256.50	3.28				GRD	LTGN		i		i									m		t					Phyllic altered vein zone. Chalcedony quartz veins with massive pyrite and disseminated sphalerite.
			254.07	254.47	0.40	VEN	WH	MA			100				VN	78				i			i				VEIN! The usual chalcedony/sulphide vein
			256.23	256.30	0.07	VEN	WH	MA			101				VN	78				i			i				VEIN! The usual chalcedony/sulphide vein
			256.59	256.80	0.21	VEN	WH	MA			102				VN	80				i			i				VEIN! The usual chalcedony/sulphide vein
256.50	273.40	16.90				GRD	GY																				Lightly altered to unaltered granodiorite
			259.66	262.93	3.27		LTGN		m		m									t							Moderately phyllic altered interval with a few quartz veins hosting massive pyrite (3x). Moderate quartz flooding, weak disseminated pyrite throughout.
																											273.40 E.O.H.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-59

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.05	3.05		0		0				Overburden
3.05	5.18	2.13	1.97	92	0.40	19	S	EW		
5.18	8.23	3.05	2.77	91	1.11	36	S	SW		
8.23	11.28	3.05	2.89	95	1.52	50	S	SW		
11.28	14.33	3.05	3.01	99	1.42	47	S	MW		
14.33	17.37	3.04	3.04	100	1.56	51	S	SW		
17.37	20.42	3.05	2.91	95	1.01	33	S	SW		
20.42	23.47	3.05	3.13	103	1.75	57	S	MW		
23.47	26.52	3.05	2.80	92	1.07	35	S	SW		
26.52	29.57	3.05	2.95	97	0.77	25	S	SW		
29.57	32.61	3.04	2.91	96	1.53	50	S	SW		
32.61	35.66	3.05	2.90	95	1.88	62	S	SW		
35.66	38.71	3.05	2.88	94	1.28	42	S	SW		
38.71	41.76	3.05	3.03	99	1.18	39	MS	SW		
41.76	44.81	3.05	2.92	96	1.60	52	MS	SW		
44.81	47.85	3.04	2.99	98	1.99	65	MS	SW		
47.85	50.90	3.05	2.99	98	1.95	64	MS	SW		
50.90	53.95	3.05	2.90	95	1.78	58	MS	SW		
53.95	57.00	3.05	2.84	93	1.79	59	MS	FR		
57.00	60.05	3.05	2.98	98	0.52	17	MS	FR		
60.05	63.09	3.04	3.05	100	1.70	56	MS	FR		
63.09	66.14	3.05	2.94	96	1.25	41	MS	FR		
66.14	69.19	3.05	2.86	94	1.28	42	MS	FR		
69.19	72.24	3.05	2.82	92	1.66	54	MS	FR		
72.24	75.29	3.05	2.96	97	1.67	55	MS	FR		
75.29	78.33	3.04	2.98	98	1.05	35	MS	FR		
78.33	81.38	3.05	3.02	99	0.74	24	MS	FR		
81.38	84.43	3.05	3.00	98	1.73	57	MS	FR		
84.43	87.48	3.05	3.05	100	1.99	65	MS	FR		
87.48	90.53	3.05	3.02	99	0.33	11	MS	FR		
90.53	93.57	3.04	3.10	102	1.90	63	MS	FR		
93.57	96.62	3.05	2.93	96	1.28	42	MS	FR		
96.62	99.67	3.05	2.99	98	1.26	41	S	FR		
99.67	102.72	3.05	2.97	97	1.14	37	S	FR		
102.72	105.77	3.05	2.76	90	1.15	38	S	FR		
105.77	108.81	3.04	2.62	86	0.00	0	S	FR		
108.81	111.86	3.05	2.96	97	0.83	27	S	FR		
111.86	114.91	3.05	2.97	97	0.96	31	S	FR		
114.91	117.96	3.05	3.02	99	2.46	81	S	FR		
117.96	121.01	3.05	3.13	103	0.65	21	S	FR		
121.01	124.05	3.04	2.98	98	1.52	50	M	FR		
124.05	127.10	3.05	3.00	98	1.53	50	M	FR		
127.10	130.15	3.05	3.02	99	2.24	73	M	FR		
130.15	133.20	3.05	2.95	97	0.70	23	M	FR		
133.20	136.25	3.05	2.86	94	0.88	29	M	FR		
136.25	139.29	3.04	2.92	96	0.67	22	S	FR		
139.29	142.34	3.05	2.93	96	0.59	19	S	FR		
142.34	145.39	3.05	3.05	100	1.08	35	S	FR		
145.39	148.44	3.05	2.86	94	1.39	46	S	FR		
148.44	151.48	3.04	3.02	99	1.79	59	S	FR		
151.48	154.53	3.05	2.97	97	2.26	74	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	3.03	99	2.43	80	S	FR		
157.58	160.63	3.05	3.01	99	0.84	28	S	FR		
160.63	163.68	3.05	2.70	89	1.35	44	S	FR		
163.68	166.73	3.05	2.67	88	0.28	9	S	FR		
166.73	169.77	3.04	2.84	93	0.00	0	M	FR		
169.77	172.82	3.05	2.93	96	2.44	80	M	FR		
172.82	175.87	3.05	3.04	100	1.13	37	S	FR		
175.87	178.92	3.05	2.72	89	0.00	0	S	FR		
178.92	181.97	3.05	2.95	97	1.48	49	S	FR		
181.97	185.01	3.04	3.00	99	2.61	86	S	FR		
185.01	188.06	3.05	2.95	97	2.09	69	S	FR		
188.06	191.11	3.05	3.00	98	1.27	42	S	FR		
191.11	194.16	3.05	3.05	100	1.63	53	S	FR		
194.16	197.21	3.05	2.88	94	0.85	28	S	FR		
197.21	200.25	3.04	3.02	99	1.36	45	S	FR		
200.25	203.30	3.05	2.94	96	0.85	28	S	FR		
203.30	206.35	3.05	2.94	96	1.94	64	S	FR		
206.35	209.40	3.05	3.06	100	2.30	75	S	FR		
209.40	212.45	3.05	2.89	95	1.76	58	S	FR		
212.45	215.45	3.00	2.75	92	1.15	38	S	FR		
215.45	218.54	3.09	2.79	90	0.53	17	S	FR		
218.54	221.59	3.05	2.84	93	0.60	20	S	FR		
221.59	224.64	3.05	2.99	98	0.00	0	S	FR		
224.64	227.69	3.05	2.98	98	1.55	51	S	FR		
227.69	230.73	3.04	2.92	96	1.40	46	S	FR		
230.73	233.78	3.05	2.96	97	1.73	57	S	FR		
233.78	236.83	3.05	3.00	98	2.18	71	MS	FR		
236.83	239.88	3.05	3.08	101	2.42	79	MS	FR		
239.88	242.93	3.05	3.11	102	1.82	60	MS	FR		
242.93	245.97	3.04	3.07	101	1.95	64	MS	FR		
245.97	249.02	3.05	2.85	93	2.10	69	MS	FR		
249.02	252.07	3.05	3.12	102	1.97	65	MS	FR		
252.07	255.12	3.05	2.91	95	2.05	67	S	FR		
255.12	258.17	3.05	2.82	92	0.49	16	S	FR		
258.17	261.21	3.04	2.71	89	0.96	32	S	FR		
261.21	264.26	3.05	2.88	94	1.04	34	S	FR		
264.26	266.70	2.44	2.25	92	1.63	67	S	FR		
266.70	267.31	0.61	0.76	125	0.42	69	S	FR		
267.31	270.36	3.05	2.99	98	2.12	70	S	FR		
270.36	273.40	3.04	2.95	97	1.61	53	S	FR		
EOH										

SAMPLE LOG

HOLE: KL-11-59

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.05	3.05		0							
3.05	5.18	2.13	2.10	99	L829094	1					
5.18	8.23	3.05	3.01	99	L829095	1					
8.23	10.19	1.96	1.90	97	L829096	1					
10.19	13.02	2.83	2.81	99	L829097	1					
					L829098	1					Standard: CDN-ME-16
13.02	15.92	2.90	2.71	93	L829099	1					
15.92	16.92	1.00	0.82	82	L829100	1					
16.92	18.31	1.39	1.31	94	L829101	1					
18.31	19.20	0.89	0.81	91	L829102	1					
19.20	20.42	1.22	1.20	98	L829103	1					
20.42	23.47	3.05	3.00	98	L829104	1					
					L829105	1					Blank
23.47	26.97	3.50	3.50	100	L829106	1					
26.97	28.29	1.32	1.26	95	L829107	1					
28.29	29.64	1.35	1.33	99	L829108	1					
29.64	31.61	1.97	1.90	96	L829109	1					
31.61	32.61	1.00	1.00	100	L829110	1					
					L829111	1					Blank
32.61	35.66	3.05	3.05	100	L829112	1					
35.66	38.71	3.05	3.05	100	L829113	1					
38.71	41.76	3.05	3.05	100	L829114	1					
41.76	44.81	3.05	3.00	98	L829115	1					
44.81	47.85	3.04	3.02	99	L829116	1					
47.85	48.85	1.00	0.92	92	L829117	1					
					L829118	1					Duplicate
48.85	49.85	1.00	1.00	100	L829119	1					
49.85	52.39	2.54	2.49	98	L829120	1					
52.39	55.23	2.84	2.80	99	L829121	1					
55.23	57.97	2.74	2.70	99	L829122	1					
					L829123	1					Standard: CDN-ME-16
57.97	59.18	1.21	1.15	95	L829124	1					
59.18	61.97	2.79	2.74	98	L829125	1					
61.97	64.38	2.41	2.41	100	L829126	1					
64.38	66.14	1.76	1.72	98	L829127	1					
66.14	67.14	1.00	0.88	88	L829128	1					
67.14	68.14	1.00	0.94	94	L829129	1					
68.14	69.85	1.71	1.68	98	L829130	2					
69.85	71.64	1.79	1.71	96	L829131	2					
71.64	74.07	2.43	2.39	98	L829132	2					
74.07	76.50	2.43	2.40	99	L829133	2					
76.50	77.5	1.00	0.99	99	L829134	2					
					L829135	2					Blank
77.50	78.73	1.23	1.21	98	L829136	2					
78.73	81.59	2.86	2.72	95	L829137	2					
81.59	82.59	1.00	0.86	86	L829138	2					
82.59	85.45	2.86	2.80	98	L829139	2					
85.45	87.48	2.03	2.00	99	L829140	2					
					L829141	2					Standard: CDN-ME-16
87.48	90.53	3.05	2.03	67	L829142	2					
90.53	92.86	2.33	2.31	99	L829143	2					
92.86	93.86	1.00	0.97	97	L829144	2					
93.86	96.62	2.76	2.69	97	L829145	2					
96.62	100.04	3.42	3.40	99	L829146	2					
					L829147	2					Standard: PL-2
100.04	102.10	2.06	1.01	49	L829148	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
102.10	103.00	0.90	0.90	100	L829149	2					
103.00	104.13	1.13	1.07	95	L829150	2					
104.13	105.77	1.64	1.61	98	L829151	2					
					L829152	2					Duplicate
105.77	107.65	1.88	1.81	96	L829153	2					
107.65	109.73	2.08	2.00	96	L829154	2					
109.73	111.48	1.75	1.61	92	L829155	2					
111.48	113.60	2.12	2.07	98	L829156	2					
					L829157	2					Blank
113.60	114.91	1.31	1.30	99	L829158	2					
114.91	117.67	2.76	2.69	97	L829159	2					
117.67	119.22	1.55	1.43	92	L829160	2					
119.22	121.01	1.79	1.68	94	L829161	2					
121.01	123.55	2.54	2.40	94	L829162	2					
123.55	126.20	2.65	2.54	96	L829163	2					
126.20	128.17	1.97	1.90	96	L829164	2					
128.17	129.17	1.00	0.95	95	L829165	2					
129.17	131.18	2.01	2.00	100	L829166	3					
131.18	132.55	1.37	1.33	97	L829167	3					
132.55	133.82	1.27	1.11	87	L829168	3					
133.82	135.75	1.93	1.87	97	L829169	3					
					L829170	3					Blank
135.75	136.97	1.22	1.20	98	L829171	3					
136.97	138.72	1.75	1.41	81	L829172	3					
138.72	139.79	1.07	1.00	93	L829173	3					
139.79	140.79	1.00	0.94	94	L829174	3					
140.79	142.34	1.55	1.44	93	L829175	3					
					L829176	3					Standard: PL-2
142.34	143.90	1.56	1.54	99	L829177	3					
143.90	145.39	1.49	1.39	93	L829178	3					
					L829179	3					Duplicate
145.39	146.68	1.29	1.20	93	L829180	3					
146.68	147.68	1.00	0.96	96	L829181	3					
147.68	149.93	2.25	2.15	96	L829182	3					
149.93	151.87	1.94	1.79	92	L829183	3					
151.87	152.87	1.00	0.98	98	L829184	3					
					L829185	3					Blank
152.87	154.53	1.66	1.56	94	L829186	3					
154.53	156.73	2.20	2.10	95	L829187	3					
156.73	157.75	1.02	1.00	98	L829188	3					
157.75	160.63	2.88	2.81	98	L829189	3					
					L829190	3					Standard: PL-2
160.63	163.28	2.65	2.91	110	L829191	3					
163.28	164.21	0.93	0.90	97	L829192	3					
164.21	165.90	1.69	1.52	90	L829193	3					
165.90	168.09	2.19	2.11	96	L829194	3					
168.09	168.88	0.79	0.70	89	L829195	3					
168.88	170.20	1.32	1.32	100	L829196	3					
170.20	172.82	2.62	2.52	96	L829197	3					
172.82	173.82	1.00	1.00	100	L829198	3					
173.82	174.90	1.08	1.00	93	L829199	3					
174.90	177.10	2.20	2.11	96	L829200	3					
177.10	178.10	1.00	0.92	92	L829201	3					
178.10	179.10	1.00	0.93	93	L829202	4					
179.10	181.09	1.99	1.80	90	L829203	4					
181.09	182.32	1.23	1.20	98	L829204	4					
182.32	183.32	1.00	1.00	100	L829205	4					
					L829206	4					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
183.32	184.92	1.60	1.55	97	L829207	4					
184.92	186.20	1.28	1.20	94	L829208	4					
186.20	188.06	1.86	1.60	86	L829209	4					
188.06	190.01	1.95	1.54	79	L829210	4					
190.01	192.55	2.54	2.39	94	L829211	4					
192.55	194.16	1.61	1.60	99	L829212	4					
194.16	196.04	1.88	1.87	99	L829213	4					
196.04	197.04	1.00	0.95	95	L829214	4					
					L829215	4					Blank
197.04	200.25	3.21	3.20	100	L829216	4					
200.25	203.30	3.05	3.05	100	L829217	4					
203.30	206.35	3.05	3.05	100	L829218	4					
					L829219	4					Standard: CDN-ME-16
206.35	208.86	2.51	2.51	100	L829220	4					
208.86	209.86	1.00	0.96	96	L829221	4					
209.86	211.86	2.00	2.00	100	L829222	4					
211.86	214.13	2.27	2.12	93	L829223	4					
					L829224	4					Duplicate
214.13	215.13	1.00	0.99	99	L829225	4					
215.13	216.80	1.67	1.54	92	L829226	4					
216.80	218.14	1.34	1.32	99	L829227	4					
218.14	220.52	2.38	2.28	96	L829228	4					
					L829229	4					Standard: CDN-ME-16
220.52	222.78	2.26	2.16	96	L829230	4					
222.78	224.34	1.56	1.37	88	L829231	4					
224.34	226.49	2.15	2.00	93	L829232	4					
226.49	229.10	2.61	2.60	100	L829233	4					
229.10	230.10	1.00	1.00	100	L829234	4					
230.10	231.42	1.32	1.10	83	L829235	4					
231.42	233.78	2.36	2.20	93	L829236	4					
233.78	236.83	3.05	3.05	100	L829237	4					
236.83	238.58	1.75	1.70	97	L829238	5					
					L829239	5					Standard: CDN-ME-16
238.58	239.92	1.34	1.23	92	L829240	5					
239.92	242.93	3.01	3.01	100	L829241	5					
242.93	245.56	2.63	2.63	100	L829242	5					
245.56	246.67	1.11	1.00	90	L829243	5					
246.67	249.77	3.10	3.10	100	L829244	5					
249.77	253.07	3.30	3.30	100	L829245	5					
253.07	254.07	1.00	0.89	89	L829246	5					
254.07	255.54	1.47	1.22	83	L829247	5					
					L829248	5					Blank
255.54	256.54	1.00	0.88	88	L829249	5					
256.54	259.66	3.12	3.00	96	L829250	5					
259.66	260.66	1.00	1.00	100	L829251	5					
260.66	261.66	1.00	0.98	98	L829252	5					
261.66	262.93	1.27	1.20	94	L829253	5					
262.93	264.26	1.33	1.15	86	L829254	5					
264.26	267.31	3.05	3.05	100	L829255	5					
267.31	270.36	3.05	3.05	100	L829256	5					
					L829257	5					Standard: CDN-ME-16
270.36	273.40	3.04	3.00	99	L829258	5					
	EOH										

DENSITY LOG

Hole: **KL-11-59**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole:

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Overburden
2.00				Overburden
3.00				Overburden
4.00			31.49	
5.00			16.44	
6.00			5.859	
7.00			34.73	
8.00			0.552	
9.00			0.59	
10.00			0.247	
11.00			24.68	
12.00			40.03	
13.00			43.64	
14.00			32.48	
15.00			6.881	
16.00			0.965	
17.00			1.56	
18.00			0.542	
19.00			0.406	
20.00			0.338	
21.00			0.444	
22.00			0.443	
23.00			14.68	
24.00			14.12	
25.00			4.712	
26.00			22.58	
27.00			1.04	
28.00			0.815	
29.00			0.548	
30.00			0.65	
31.00			1.014	
32.00			0.0698	
33.00			27.51	
34.00			35.27	
35.00			39.34	
36.00			37.33	
37.00			28.28	
38.00			39.58	
39.00			29.58	
40.00			20.8	
41.00			36.64	
42.00			38.75	
43.00			35.09	
44.00			50.59	
45.00			36.73	
46.00			51.07	
47.00			32.53	
48.00			30.16	
49.00			1.526	
50.00			27.45	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			26.73	
52.00			32.15	
53.00			23.98	
54.00			25.71	
55.00			29.63	
56.00			24.55	
57.00			26.06	
58.00			20.52	
59.00			25.6	
60.00			35.49	
61.00			42.98	
62.00			19.4	
63.00			27.54	
64.00			25.23	
65.00			0.947	
66.00			17.1	
67.00			0.684	
68.00			30.39	
69.00			0.627	
70.00			0.429	
71.00			0.43	
72.00			10.87	
73.00			2.152	
74.00			0.526	
75.00			0.28	
76.00			0.543	
77.00			0.328	
78.00			0.241	
79.00			12.75	
80.00			8.667	
81.00			17.05	
82.00			6.917	
83.00			6.917	
84.00			1.791	
85.00			9.769	
86.00			10.5	
87.00			7.933	
88.00			3.353	
89.00			11.51	
90.00			13.96	
91.00			9.654	
92.00			0.854	
93.00			0.677	
94.00			1.22	
95.00			0.474	
96.00			0.623	
97.00			18.58	
98.00			15.49	
99.00			16.84	
100.00			2.349	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.651	
102.00			1.671	
103.00			0.229	
104.00			0.268	
105.00			0.357	
106.00			0.416	
107.00			0.328	
108.00			0.335	
109.00			0.214	
110.00			0.388	
111.00			0.356	
112.00			0.503	
113.00			0.352	
114.00			0.271	
115.00			0.465	
116.00			0.277	
117.00			0.562	
118.00			0.39	
119.00			0.431	
120.00			0.271	
121.00			0.237	
122.00			0.444	
123.00			0.66	
124.00			22.69	
125.00			0.899	
126.00			0.646	
127.00			0.477	
128.00			0.433	
129.00			0.624	
130.00			0.558	
131.00			0.526	
132.00			0.36	
133.00			0.542	
134.00			0.278	
135.00			1.36	
136.00			0.517	
137.00			0.501	
138.00			0.594	
139.00			0.387	
140.00			0.559	
141.00			0.298	
142.00			0.43	
143.00			0.407	
144.00			0.378	
145.00			0.28	
146.00			0.221	
147.00			0.322	
148.00			0.44	
149.00			0.218	
150.00			0.619	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.347	
152.00			0.402	
153.00			0.235	
154.00			0.78	
155.00			0.62	
156.00			1.013	
157.00			1.445	
158.00			0.361	
159.00			0.271	
160.00			0.212	
161.00			0.175	
162.00			0.343	
163.00			0.351	
164.00			0.249	
165.00			0.196	
166.00			0.419	
167.00			0.196	
168.00			0.294	
169.00			0.245	
170.00			0.341	
171.00			0.853	
172.00			1.676	
173.00			0.64	
174.00			0.565	
175.00			0.471	
176.00			0.148	
177.00			0.254	
178.00			0.221	
179.00			0.377	
180.00			0.298	
181.00			0.86	
182.00			0.303	
183.00			0.35	
184.00			25.44	
185.00			0.417	
186.00			0.426	
187.00			5.783	
188.00			0.551	
189.00			13.89	
190.00			2.059	
191.00			0.746	
192.00			5.651	
193.00			12.27	
194.00			6.96	
195.00			0.272	
196.00			0.246	
197.00			0.2	
198.00			0.2	
199.00			0.275	
200.00			0.257	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.233	
202.00			0.271	
203.00			0.276	
204.00			0.27	
205.00			0.31	
206.00			0.36	
207.00			0.444	
208.00			0.331	
209.00			0.717	
210.00			2.855	
211.00			1.774	
212.00			0.298	
213.00			0.414	
214.00			0.188	
215.00			0.195	
216.00			0.515	
217.00			0.339	
218.00			0.254	
219.00			0.459	
220.00			0.733	
221.00			22.159	
222.00			0.515	
223.00			0.767	
224.00			0.206	
225.00			0.386	
226.00			0.639	
227.00			0.878	
228.00			0.798	
229.00			0.774	
230.00			11.2	
231.00			22.62	
232.00			46.81	
233.00			37.31	
234.00			0.579	
235.00			10.38	
236.00			17.79	
237.00			32.05	
238.00			21.86	
239.00			2.248	
240.00			0.312	
241.00			0.287	
242.00			0.369	
243.00			0.293	
244.00			0.286	
245.00			0.387	
246.00			0.606	
247.00			22.87	
248.00			3.906	
249.00			0.909	
250.00			12.25	
251.00			1.429	
252.00			25	
253.00			0.772	
254.00			0.756	
255.00			0.725	
256.00			0.385	
257.00			0.634	
258.00			12.43	
259.00			3.719	
260.00			0.588	
261.00			0.619	
262.00			19.42	
263.00			0.816	
264.00			0.85	
265.00			40.65	
266.00			40.15	
267.00			14.44	
268.00			40.1	
269.00			36.48	
270.00			51.42	
271.00			28.24	
272.00			16.01	
273.00			27.89	
274.00			EOH	

BOX LOG

HOLE:

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	5.81	36	139.79	143.46
2	5.81	10.07	37	143.46	151.24
3	10.07	14.33	38	151.24	155.27
4	14.33	18.45	39	155.27	159.13
5	18.45	22.61	40	159.13	163.28
6	22.61	26.51	41	163.28	166.48
7	26.51	30.37	42	166.48	169.84
8	30.37	34.31	43	169.84	174.18
9	34.31	38.32	44	174.18	177.21
10	38.32	42.10	45	177.21	181.09
11	42.10	46.27	46	181.09	185.11
12	46.27	50.31	47	185.11	189.13
13	50.31	54.29	48	189.13	193.16
14	54.29	58.38	49	193.16	197.41
15	58.38	61.97	50	197.41	201.63
16	61.97	65.82	51	201.63	205.98
17	65.82	69.53	52	205.98	210.17
18	69.53	73.67	53	210.17	214.50
19	73.67	78.07	54	214.50	218.54
20	78.07	82.12	55	218.54	222.65
21	82.12	86.48	56	222.65	226.58
22	86.48	90.53	57	226.58	230.73
23	90.53	94.76	58	230.73	265.02
24	94.76	98.89	59	265.02	239.35
25	98.89	102.97	60	239.35	243.17
26	102.97	107.65	61	243.17	247.58
27	107.65	111.52	62	247.58	252.33
28	111.52	115.49	63	252.33	255.24
29	115.49	119.62	64	255.24	258.69
30	119.62	123.97	65	258.69	262.52
31	123.97	128.27	66	262.52	266.00
32	128.27	132.55	67	266.00	270.08
33	132.55	136.25	68	270.08	273.40
34	136.25	139.79		EOH	
35	139.79	143.46			

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			382919.06	6889883.7	1398.71	370.94

ZONE: KLAZA

SECTION:

HOLE: KL-11-60

CLAIM:

Contractor: Swiftsure

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	218.54	39.2	-49.4	Ranger
66.14	35.7	-49.4	Ranger	249.02	39.3	-49.6	Ranger
96.62	37.2	-49.4	Ranger	340.46	43.6	-50.3	Ranger
127.10	35	-49.2	Ranger	370.94	46.6	-50.4	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.55	7.55	OVB	Overburden/No recovery.
7.55	51.49	43.94	GRD	Oxidized granodiorite with decreasing oxidation down
				hole. Abundant quartz tourmaline veins and
				disseminated tourmaline. Patchy alteration.
51.49	66.14	14.65	GRD	Weakly altered granodiorite. Silicious dyke at footwall
66.14	133.73	67.59	GRD	patchy phyllic/argillic/propylitic altered granodiorite
				hosting some weak vein zones. Sulphide rich. Quartz
				veins throughout. Some breccia zones.
133.73	179.80	46.07	GRD/VEN	Much stronger vein zones, highly altered granodiorite
				Some porphyry dykes present adjacent to high grade
				intervals.
179.8	276.73	96.93	GRD	Moderately altered granodiorite with numerous gouge
				veins present.
276.73	302.22	25.49	GRD	lightly altered granodiorite.
302.22	332.51	30.29	POR/VEN	alternating quartz feldspar porphyry dykes and vein/
				breccia zones. Highly altered host rock., gouge prese
332.51	370.94	38.43	GRD	moderately altered granodiorite. 370.94 EOH.

SAMPLES

Numbers: K976183-K976400, K972994-K973000

Total: 225

Batch: KL-11-60 Batch 1-7

Date Sent:

Certificate: WH11194143, WH11195756, WH11196876, WH11196878, WH11198193, WH11198194, WH11198211

COMMENTS

GEOLOGY LOG

HOLE: KL-11-60

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	7.55	7.55				OBV	BNOR																				Overburden / Casing; Unconsolidated dirt and soils with fragments of very oxidized altered granodiorite. Quartz vein fragments are also noted. Start of bedrock may likely be further uphole at ~5m.
7.55	16.82	9.27				GRD	BNGN		m		f	s			FX	40-50		4						To	w		Oxidized Phyllic Granodiorite; Moderate-strongly oxidized moderate phyllic granodiorite. Oxidation washes throughout this interval, generally along fractures. Patchy zones of mottled black tourmaline. Moderate competent core.
															VT	45	<10	6									Moderate veining density - large light grey quartz veins noted.
								DI											tw	tw								Trace-weak mineralization - finely disseminated pyrite present.
			8.03	8.14	0.11	VEN	GY				90	w			VN	45												Grey quartz vein - weakly oxidized (multistage?) no sulphides.
			9.25	9.37	0.12	VEN	GY				90	tw			VN	45												Grey quartz vein (multi-staged?) - rare sulphides.
			10.13	10.21	0.08		WH/GY	MO																To	s			Mottled zone with tourmaline flooding
			10.31	10.40	0.09	VEN	GY				90				VN	65			tw	t	t?							Quartz vine, multi-staged with trace sulphides.
			10.52	10.64	0.12		WH/GY	MO																To	ms			Mottled zone with tourmaline flooding.
			11.78	11.84	0.06		WH/GY	MO																To	ms			Mottled zone with tourmaline flooding.
			13.03	13.10	0.07		WH/GY	MO																To	s			Mottled zone with tourmaline flooding.
			14.11	14.27	0.16	VEN	GY				90	t			VN	35												Grey quartz vein, weakly shattered core - trace sulphides.
			14.91	15.26	0.35	VEN?	GNGY				85	t			VN?	55												Silica flooded zone/ diffused quartz vein(?) - rare sulphides.
			15.92	16.58	0.66		BNOR			s		m			GO	25												Oxidized , strongly clay altered zone. Quartz vein fragments noted.
16.82	29.03	12.21				GRD	GYGN		w		tw	f	pro	tw	FX	45-50		4						To	w		Mixed Granodiorite; Mixed granodiorite unit, dominantly with weakly propylitic granodiorite sand patchy zones of moderate phyllic. Weak-moderate oxidation washes throughout. Fairly competent core rock with minor fracturing.
															VT	40-55	<2	3									Weak-moderate vein density - quartz-carbonate veinlets common.
								DI							VT				tw	t								Trace-weak sulphide content - disseminated pyrite, generally noted in phyllic zones and also in some veining structures.
			19.66	22.04	2.38		LTGN		m			w	pro	w					tw	tw								Phyllic altered interval, slight increase veining and disseminated sulphides in the matrix.
			20.54	20.78	0.24	VEN	GY				i	tw			VN	45			tw	tw								At 20.54m, zone of silica flooding/diffused quartz vein carrying minor sulphides.
			21.72	21.73	0.01		GY/MT				i				VT	50	0.7		m				m					At 21.72m, quartz veinlet bearing galena.
			24.72	25.26	0.54		BNOR		m			ms																Strongly oxidized phyllic altered zone.
			25.89	26.26	0.37		LTGN		ms			f																Phyllic zone with oxidization generally along fractures.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			26.82	26.95	0.13		LTGN	EN	m						VT		0.7		m	f	t?		f				Phyllic envelope to narrow polymetallic sulphide veinlet.
29.03	51.49	22.46				GRD	LTGN		m			tw	pro	tw	FX	45-60		6						To	tw		Phyllic Granodiorite; moderate phyllic altered granodiorite with zone of weak propylitic. Oxidation washes present, but decreasing moving downhole. Moderate competent core rock with locally blocky zones.
															VT	40-60											Low-moderate vein density - quartz-carbonate veinlets common.
																			tw	t							Trace sulphide mineralization - disseminated pyrite.
			29.03	29.26	0.23		PKGN					m	pot	w													Oxidized potassic altered interval.
			29.78	29.82	0.04		GY				80				VT	45			tw	tw	t?		t?				Weakly diffused quartz veinlet with sulphide stringers.
			33.58	34.08	0.50		PKGN		m				arg	w													Phyllic interval with argillic and potassic alteration.
													pot	w?													
			35.36	35.37	0.01		GY/MT				i				VT	35	0.7		m	tw		m	t				Quartz veinlet carrying sphalerite and galena.
			35.72	37.43	1.71		GY					tw	pro	tw													Very weakly propylitic granodiorite.
			38.13	40.70	2.57		PK/GN						arg	f													Argillic and potassic altered interval - no change in sulphide content.
													pot	f													
			41.47	42.42	0.95		OR/BN		m			f			FX		<10	3									Low angle fracture coated with granular gouge, increased oxidation - blocky core rock.
			42.60	43.71	1.11			BK			m				FX			6	w	w		t					Blocky/shattered interval - quartz vein fragments noted.
			43.99	44.28	0.29		GYGN		m				arg	w	GO	55											Granular gouge quartz vein - rare-trace sulphides.
			44.98	45.53	0.55	VEN	GYGN				ms				VN	70	~7		f	w	t?	tw	t				Interval of grey quartz vein and gouge - trace weak sulphides.
															GO	35											
			50.65	50.78	0.13	VEN	GY/MT	BX			i				VN	65	2.0		s	w	t	m	tw				Quartz vein with gougey breccia vein and sulphides.
51.49	59.86	8.37				GRD	GNGY						pro	w	FX	50-60		4									Granodiorite; Unaltered to weakly propylitic granodiorite. Low vein density - mainly narrow quartz-carbonate veinlets in moderately competent core. Rare-trace disseminated pyrite.
							BFWH								VT		<0.5	2									
																			tw	tw							
			55.70	55.98	0.28		MDGN	EN	w						VT	65	~1		tw	tw		tw					Weakly phyllic zone with diffused quartz veinlets.
			59.60	59.86	0.26		DKGN	BX							VN?	60											Shattered core with weak breccia vein - contact zone.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
59.86	66.14	6.28				FEL	BRTN	BK				t			DY	60											Felsic Siliceous dyke (Sister Vein Dyke); Buff-tan, weakly porphyritic felsic siliceous dyke. Strongly fractured and blocky core with localized zones of granular gouge. Narrow fractures infilled by white carbonate. Rare sulphide mineralization. Weakly oxidized on fractures.
															FX	40-70		10									
															VT		<0.1	5									
																			t								
66.14	67.06	0.92				VEN	GYBN	BK				t			VN	65			f	w	w	t?					"Sister Vein"; Possible faulting, blocky ,k broken clay filled zone showing fragments of dark grey sulphide bearing quartz vein. Matrix supported subrounded clasts. Polymetallic sulphides noted.
															FT?												
67.06	82.86	15.80				GRD	GNGY		w				pro	tw	FX	45-60		6						To	t		Mixed Granodiorite; Mixed granodiorite, dominantly unaltered to weakly propylitic granodiorite with patches of weak-moderate phyllic, often associated with vein structures. Moderately competent core with moderate fracture density.
															VT	20-70	<1	3									Weak-moderate vein density, generally quartz-carbonate bands in phyllic zones.
								DI											tw	tw							Trace disseminated sulphides noted, mostly in phyllic zones.
			67.06	70.13	3.07		YWGN	EN	ms																		Moderate-strong phyllic altered zones - several diffused quartz-carbonate veinlets with sulphide stringers present.
							BFWN					m			VT	50-60	~0.7	3	f	tw		tw	w				
			71.18	73.29	2.11		YWGH		ms				arg	w?													Moderate phyllic and minor argillic altered interval
			74.72	75.29	0.57		LTGN		f				arg	w?	VT	70	~1.5										Moderate phyllic zone with one quartz-carbonate veinlets.
			77.82	79.84	2.02		LTGN		ms				arg	tw	VT	50	~2										Moderate phyllic zone with banded quartz-carbonate vein - minor increase in disseminated sulphides in matrix.
																			tw	tw							
			81.92	82.04	0.12		LTGN		w		f				VT	70	~0.7		tw								Diffused silica vine with minor sulphides.
82.86	102.82	19.96				GRD	YWGN		m		tw		arg	w	FX	40-60		4									Phyllic Granodiorite; Moderate-strongly phyllic altered granodiorite with rare patches of weak-moderate argillic. Patchy zones of tourmaline also noted. Moderate competent core with moderate fracture density.
															VT	30-55	<2	6									Moderate-high vein density - commonly grey quartz veins with minor sulphides - silica flooding?
								DI											w	tw							Disseminated sulphides present in minor amounts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			83.08	83.13	0.05	VEN	GY/MT	BN			90				VN	40											Multi-staged, banded quartz-carbonate vein - rare sulphides.
			83.33	83.35	0.02	VEN	WH				85				VN	45						t					Grey diffused quartz-vein - rare trace sphalerite(?)
			84.16	84.19	0.03	VEN	GY/MT	BN											m	m		tw		He	w		Banded grey quartz vein with sulphides and hematite.
			84.57	84.91	0.34		GYGN						pro	w													Propylitic altered interval.
			85.22	85.23	0.01	VEN	WH/BK				85				VN	40								To	w		Grey quartz vein with tourmaline clots (<0.5cm)
			86.33	88.53	2.20		GYGN		m		f								w	w							Phyllic and silicified zone - slight increase in sulphides with two diffused quartz vein bearing tourmaline clots at 86.60-86.63m and 87.00-87.03m.
			86.60	86.63	0.03	VEN	WH/BK								VN	35	~1.5							To	f		
			87.00	87.03	0.03	VEN	WH/BK								VN	50	~1							To	tw		
			88.53	90.03	1.50		PKWH						arg	m													Argillic altered interval.
			90.03	90.53	0.50		GYGN		m		ms																Phyllic and silicified zone with large banded and weakly brecciated quartz-carbonate vein.
						VEN	WH/BK	BN			i				VN	40	<4	2	m	w	t?	f					
			90.73	90.93	0.20	VEN	GY/BK	BN			i				VN	45			i	f		ms					Two quartz veins bearing semi-massive sulphides.
			92.45	93.10	0.65		PKWH						arg	m													Argillic altered interval.
			95.38	95.47	0.09	VEN	GY			s					GO	55			m	f		m					Grey gouge "vein" with sulphides.
			95.75	95.80	0.05	VEN	MDGY			i					GO	50			m	f		f					Gouge "vein" with polymetallic sulphides, dominantly pyrite.
			95.98	96.08	0.10	VEN	GY/MT				i				VN	25			i	m	tw	ms	t				Diffused quartz vein with sulphide clots.
			96.18	96.26	0.08	VEN	GY				90				VN	40			tw	tw		t					Grey quartz vein with trace-weak sulphides.
			96.37	96.39	0.02	VEN	GY/MT				60				VN	40	~1		i	ms		s					Quartz vein bearing dominantly sphalerite and pyrite.
			96.92	96.96	0.04	VEN	GY	BN			90				VN	30	~2		f	tw		tw					Quartz vein with sulphide stringers at contacts.
			97.01	97.15	0.14	VEN	GY/MT	BN			85				VN	35	~8		m	t	w	f					Quartz vein with sulphide stringers as medial parting.
			99.17	99.93	0.76		DKGN		m		ms																Phyllic and silicified interval with multiple grey quartz vein.
						VEN	GY				90				VN	45	<3		tw								
			100.61	101.69	1.08		LTGN		m		tw		pro	tw					tw								Phyllic zone with multiple quartz veins. Slight increase in disseminate pyrite in matrix.
						VEN	GY								VN	40-50	<4		tw								
			101.69	102.86	1.17		WH/GN						arg	w	FX	20		2									Argillic/clay altered interval - associated to fracture(?).
102.86	132.18	29.32				GRD	GY		tw				pro	tw	FX	35-50											Granodiorite; Similar to 67.06-82.86m. Mixed granodiorite, dominantly unaltered to weakly propylitic granodiorite. Patches of phyllic alteration present, but generally associated with vein structures. Low fracture density in competent rock.
															VT	40-50	<2	2									Low-moderate vein density, generally grey quartz vein in phyllic zones. Occasional quartz-carbonate in unaltered zones.
																			tw	tw							Finely disseminated pyrite in matrix, mainly in phyllic zones.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			103.87	104.25	0.38		LTGN		m																		Phyllic zone with quartz and gouge "vein".
						VEN	LTGY			i					GO	75	~1.5										
			109.41	109.57	0.16		DKGN	BN	m		w		pro	ms	VT	85	0.3		w	tw	t?		t				Zoned phyllic and propylitic envelope to veinlet with sulphides.
			111.34	111.63	0.29		MDGN	EN	m				pro	w	VT	80	0.5		w	tw		tw					Phyllic zone to quartz-carbonate veinlet with sulphide stringers.
			112.73	114.39	1.66		LTGN		m		tw								tw								Phyllic zone with multiple grey quartz veins. Slight increase in disseminated pyrite in matrix.
						VEN	GY				i				VN	50	<3	3	w	tw	tw	tw	t				
			114.39	114.73	0.34		PKWH						arg	m													Argillic altered interval.
			115.41	116.06	0.65		LTGN		m		w				VN	55	<3	2									Phyllic altered interval, minor quartz veining.
			118.52	119.93	1.41		LTGN		m		f								w	w							Phyllic and silicified zone with multiple grey quartz veins. Slight increase in sulphides in matrix.
						VEN	GY				i				VN	45-55	<3	5									
			123.14	123.93	0.79		YWGN		m				pro	w					tw								Phyllic and propylitic zone with narrow quartz-carbonate veins.
							GY								VT	50	<2	3	w	tw		w					
			128.16	128.31	0.15		YWGN	EN	ms																		Phyllic envelope to mineralized quartz-carbonate vein at 128.22-128.26m with dominantly sphalerite.
						VEN	GY/MT	BN			i				VN	85	~4		m	tw		f					
			129.77	129.81	0.04	VEN	GY				90				VN	30			tw	t			t				Grey quartz vein with narrow sulphide stringers.
132.18	133.73	1.55				GRD	YWGN		ms		w				FX			1									Phyllic Granodiorite; Moderate-strong phyllic granodiorite with fair silicification. Competent core with diffused quartz veins (silicified zones). Disseminated sulphides in matrix.
															VT												
																			w	w	t?						
			133.55	133.73	0.18	VEN	GY/MT				i				VN	85			i	f	f	m	t	Cp	tw		Contact zone vein - silicified and strongly mineralized. Clay at lower contact to dyke downhole.
133.73	134.23	0.50				POR	BFTN	PO							DY	80											Porphyritic Dyke; Buff-tan weakly porphyritic dyke with quartz and feldspar phenocrysts. No sulphides.
134.23	148.94	14.71				GRD	LTGN		ms		f				FX	50-70		2									Phyllic Granodiorite; Moderate-strong phyllic granodiorite with weak-strong silica flooding (forming diffused veins). Competent core rock with minor fracturing.
							WHGY								VN	30-50	<8	3									Grey quartz vein/silica flooded zones common - often with sulphides.
								DI							VT				tw	tw							Trace-weak sulphides - disseminated and in veins.
			134.23	135.25	1.02		GYGN		m		m								m	m							Strongly phyllic and silicified zone with numerous dark grey stringers - lower contact zone to dyke.
							GY								VT	60	<0.7	10	ms	f	f						

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	DETAILED DESCRIPTION
			135.04	135.14	0.10	VEN	MT	BN			i				VN	75			35	ms	ms						At 135.04m, quartz vein - strongly mineralized with sulphide stringers.
			135.67	136.47	0.80				t				pro	tw													Very weakly propylitic altered zone.
			137.27	137.34	0.07	VEN	GY				85				VN	35			t								Grey quartz vein - trace sulphides.
			137.45	137.66	0.21	VEN	GY/MT	MA			i				VN	70			70	i		35	m				Silicified zone/quartz vein with massive sulphides.
			139.27	139.34	0.07	VEN	GY				80				VN	40			tw	tw							Grey quartz vein - trace sulphides.
			140.28	140.34	0.06	VEN	GNWH	DR?			80				VN	30			tw								Grey quartz vein with cauliform textures - trace sulphides.
			141.19	141.26	0.07	VEN	GYWH	DR?			90				VN	50			tw	tw							Grey quartz vein with trace sulphides.
			141.79	141.91	0.12	VEN	GNWH	DR?			85				VN	35			t	t							Quartz vein - weak cauliform texture - trace sulphides.
			142.38	142.42	0.04	VEN	GY/MT				80				VN	45			f	w		w					Quartz vein - trace-weak sulphides clots (<0.5cm).
			142.95	144.62	1.67		YWGN		ms		i								t	t							Strongly silicified interval with white-grey bands (diffused quartz veins) - trace-weak sulphides.
						VEN	WHGY	DR?							VN	40-55	<4	8	tw	tw							
			144.62	146.82	2.20		GYGN		t				pro	tw													Very weakly propylitic altered zone.
			146.24	146.28	0.04	VEN	GY				90		pro	tw	VN	35			t								At 146.24m, grey quartz vein - trace sulphides.
			147.13	147.33	0.19	VEN	GY/MT	DR?			85				VN	50	<10	2	w	w							Two grey quartz veins with moderate sulphides.
			147.39	147.58	0.19	VEN	GY				90				VN	35			t	t							Grey quartz vein with trace sulphides.
			148.11	148.18	0.07	VEN	GY				85				VN	40			tw	tw				To	w		Grey quartz vein with sulphide clots (<0.5cm) and tourmaline.
			148.34	148.48	0.14	VEN	GY	DR?			85				VN	35			t								Multi-staged(?) quartz vein with chlorite clots and trace sulphides.
			148.75	148.77	0.02	VEN	GY/MT				i				VN	70			m	f		w					Narrow quartz vein with sulphide clots (<0.5cm).
148.94	152.66	3.72				GRD	LTGN		m		w		pro	tw	FX	30-40		5									Phyllic Granodiorite; Similar to 134.23-148.94m. Moderate phyllic and silicified granodiorite with zones of weak propylitic alteration. Fairly competent core rock with weak-moderate fracture density.
															VT	35-55	<5	4									Diffused quartz veins - generally in phyllic zones.
								DI											tw	tw							Trace-weak disseminated sulphides in matrix.
			152.78	152.97	0.19	VEN	GNGY				i				VN	40			t	t							Diffused and mixed quartz vein - trace sulphides.
			153.16	153.21	0.05	VEN	GNGY	BN			60				VN	30			f	w		w					Grey quartz vein with sulphide stringers at contacts.
			154.15	154.25	0.10	VEN	GY				85				VN	30			tw	tw							Quartz-carbonate vein - trace sulphides.
			155.31	155.35	0.04	VEN	GY	BN			60		pro	w	VN	35			tw	t		tw					Banded quartz-carbonate vein with trace sulphides.
			155.53	155.74	0.21	VEN	MDGY				90				VN	40								To	t		Quartz vein - rare sulphides and tourmaline.
			156.55	160.04	3.49		YWGN		s		m																Strongly phyllic and silica altered interval with increased white-grey quartz veins.
						VEN	WHGY	DR?							VN	30-35	<5	2									
			157.69	157.72	0.03	VEN	DKGY	BN			i				VN	80			f	f	t?						At 157.69m, banded quartz-carbonate vein with trace sulphides.
			158.49	158.56	0.07	VEN	GY	DR?			85				VN	35			tw	t				To	tw		At 158.49m, quartz vein with tourmaline and race sulphides.
			159.48	159.57	0.09	VEN	GY	DR?			85				VN	30			tw	t				To	tw		At 159.48m, quartz vein with tourmaline and trace sulphides.
			162.23	162.66	0.43		PKWH						arg	w													Argillic altered interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	DETAILED DESCRIPTION
			163.54	164.07	0.53		GYGB		m		f																Phyllic and silicified zone with quartz veins - trace sulphides. Tourmaline noted in veins.
						VEN	MDGY								VN	30-40	<1	3						To	tw		
			164.26	166.68	2.42		YWGN		m		m																Phyllic and silica flooded interval. Grey quartz veins present with tourmaline and rare sulphides.
						VEN	GYWH	DR?							VN	40-55	<5	6						To	tw		
			164.69	164.83	0.14		LTGN				i				GO	65			t	t							At 164.69m, Granular gouge "vein". Fragments of quartz noted. Trace disseminated sulphides.
			166.34	166.36	0.02	VEN	MT				i				VN	80			60	w		50					At 166.34m, quartz vein with massive sphalerite.
			167.67	168.36	0.69		DKGN				f		pro	m					w	w							Propylitic and silicified interval with slight increase in disseminated sulphides and quartz veinlets.
						VEN	GY								VT	40-50	<1	8									
			171.15	171.18	0.03	VEN	GYGN	DR?			80				VN	30			t								Quartz-carbonate vein with chlorite and minor sulphides.
			172.00	172.08	0.08	VEN	GY	DR?			90				VN	45			tw	tw							Grey quartz vein with trace sulphides.
			173.03	173.38	0.35		YWGN		m		f								f	f	t?						Phyllic zone with increased disseminated sulphides. Possible veinlets(?)/silicified zones.
															VT?	80	<0.7	~3									
			174.30	174.37	0.07	VEN	GY	BN			i				VN	75			t								Banded quartz-carbonate vein with disseminated sulphides.
			174.65	174.89	0.24		BFWH				i				VN	25-30	<2	3	tw	tw	t?						Phyllic zone with multiple carbonate and quartz veinlets.
			175.22	175.28	0.06	VEN	GY/MT	BN			i				VN	55			m	f							Banded quartz-carbonate vein with sulphides.
			176.38	176.41	0.03	VEN	GY				90				VN	40			t								Quartz-carbonate vein with trace sulphides.
			178.31	178.90	0.59		PKWH						arg	w													Argillic (with potassic?) altered interval.
													pot	?													
179.80	200.57	20.77				GRD	MDGY		t				pro	tw	FX	50-60		3									Granodiorite; Mixed granodiorite, varying between unaltered to weakly propylitic granodiorite with minor zones of phyllic. Low-moderate veining in moderately competent core rock. Rare-trace sulphides.
															VT	30	<1	2									
																			tw								
			181.59	181.66	0.07	VEN	GY				85				VN	50			tw	tw				Cp	t?		Grey quartz vein with trace sulphides.
			184.03	184.14	0.11		GY						arg	w	FX	40											Argillic altered zone - associated with fracture.
			188.18	189.15	0.97		LTGN		m										tw								Phyllic zone with increased quartz-carbonate veining. Slight in crease in sulphides.
							BFWH								VT	45-50	<3	5									
			191.04	196.14	5.10		GY		n																		Interval of unaltered granodiorite.
			198.57	199.42	0.85		LTGN		m		w								w	w							Phyllic and silicified interval with disseminated sulphides.
			198.78	198.91	0.13	VEN	GYGN				i				VN				m	m	t		t?				At 198.78m, strongly silicified patch - diffused grey quartz vein.
200.57	207.42	6.85				GRD	YWGN		ms		w		arg	tw													Phyllic Granodiorite; Similar to 134.23-148.94m. Moderate=strongly phyllic granodiorite. Silicified zones often form diffused grey quartz veins carrying sulphides. Low fracture density. Trace disseminated sulphides in matrix.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
							MDGY				i				VT	70-85	<2	2	w	tw		tw					
								DI											tw								
			201.33	201.40	0.07	VEN	GY				i		pro	w	VT	70	0.5		w	tw	t	w					Diffused quartz veinlet with weak propylitic envelopes.
			203.77	203.80	0.03	VEN	GY/BF	BN			i		pro	w	VT	80	~1		tw	tw		t					Banded quartz-carbonate veinlet with weak propylitic envelopes.
			204.50	204.54	0.04	VEN	DKGY	BN			60				VN	60	~1.5		m	f		tw					Dark grey quartz veins with sulphide stringers.
			205.04	205.09	0.05	VEN	GY				i				VT	60	0.5		m	m							Diffused quartz veinlets with pyrite clots (<0.5cm).
			205.67	206.50	0.83		GNGY	DI	MS		m								ms	n							Phyllic and moderate-strongly silicified zone with numerous dark grey mineralized veins. Increased disseminated sulphides.
						VEN	DKGY	BX			80				VT	60-65	<3		ms	m	t?	t					
207.42	211.89	4.47				GRD	MDGY		t				pro	tw	FX			1									Granodiorite; Unaltered to very weakly propylitic granodiorite. Low vein density, often with weak-moderate phyllic envelopes in competent core rock. Rare disseminated sulphides.
							GYGN	EN	tw						VT	10-35	<0.5	3									
																			t								
211.89	276.73	64.84				GRD	YWGN		m				arg	g	FX	40-60		4									Phyllic Granodiorite; Similar to 152.66-179.80m. Moderate-strong phyllic granodiorite with argillic. Zones of propylitic and unaltered granodiorite also present. Moderately competent core rock with trace clay/gouge on fracture surfaces.
													pro	w													
															VT	40-70	<1	5									Moderate vein density - quartz-carbonate veinlets and quartz veins common.
																			t	t							Trace disseminated sulphides - generally associated with quartz veins.
			212.65	213.31	0.66		GYGN	EN	m		i				VT?	65	~1		tw	tw							Silicified interval/diffused quartz vein with minor sulphides.
			213.31	213.66	0.35		LTGY			s			arg	m	GO	40-50			w	tw		tw					Two granular gouge "veins" - quartz vein fragments noted.
			214.65	214.81	0.16		LTGY			ms			arg	m?	GO	75											Clay gouge zone - strong argillic(?).
			218.87	218.92	0.05	VEN	MDGY	PO?			80				VN	70											Grey quartz vein - has porphyritic textures(?) with rare sulphides.
			219.98	224.93	4.95		DKGY						pro	m													Dark grey , moderate propylitic altered interval. Decreased vein density.
			223.55	223.72	0.17	VEN	GYGN	EN			i		pot	?	VT	60	~1		tw								At 223.55m, banded quartz-carbonate veinlet with phyllic envelopes.
			225.13	225.29	0.16		DKGY								VN	50	~2		w	w	t?						Zone with dark grey quartz vine and gouge "vein".
							LTGY			m					GO	70											
			225.51	227.89	2.38		DKGY						pro	w													Dark green-grey propylitic altered interval.
			228.06	228.14	0.08	VEN	GY/MT	BN			i				VN	55			i	ms	t	f					Banded quartz vein with sulphides. Grey gouge at lower contact.
			229.03	229.47	0.44		LTGN				m				VT	50-60	<1	3	tw								Moderately silicified interval with three quartz-carbonate veinlets. Slight increase in disseminated sulphides.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			233.04	233.78	0.74		PKGY			m			pot	?														Strong clay altered zone.
			234.85	236.33	1.48		GN		m		m		pro	m					f	f							Strongly altered interval - texturally destructive. Increased disseminated sulphides.
			235.06	235.49	0.43		LTGY			m					GO	65			m	m	t?						At 235.06m, granular gouge "vein". Moderate sulphides.
			236.33	236.56	0.23	VEN	GY/MT				75				VN	60			i	s	t?		t				Grey quartz vein with sulphides and breccia "veinlet".
			237.93	238.09	0.16	VEN	GY/MT				85				VN	85			i	s	t?						Grey quartz vein with sulphides.
			239.67	239.75	0.08	VEN	GY/MT				i				VN	55			i	i	t?	t					Quartz-carbonate vein with sulphide clots (<0.5cm).
			241.32	246.59	5.27			BX		m					FX												Interval of increased clay alteration and blocky core; rubble. Fragments of grey quartz noted. Zones of stronger clay and gouge. Weak amounts of finely disseminated sulphides.
											i				VT												
																			m	f							
			245.31	245.99	0.68		LTGN			m			arg	m													At 245.31m, crumbled core rock with clay/gouge.
			245.99	246.59	0.60		GY/GN				i				VT?				tw								At 245.99m, shattered core - possible vein zone - quartz fragment.
			247.14	247.19	0.05	VEN	GY/MT	BN			i				VN	65			m	tw		f					Banded quartz vein with sulphide stringers.
			247.44	247.68	0.24	VEN	GY/MT		m		i				VN	65	<5	2	m	m		f					Phyllic and silicified zone with two mineralized veins.
			249.59	250.90	1.31		WH/GN			m			arg	m	GO	45											Increased argillic alteration - gouge/clay in fractures.
			253.22	253.27	0.05		LTGY			m			arg	m	GO	60											Granular gouge "vein" - increased argillic.
			254.88	255.03	0.15		YWGN	EN	m				arg	w?													Yellow green - phyllic and argillic zone with quartz-carbonate veinlet carrying possible chalcopyrite.
															VT	75	~1		w	tw				Cp	t		
			255.84	255.95	0.11	VEN	GY	BN	i						VN	75	~1		s	m		tw	t?				Silicified zone/diffused quartz vein with sulphide bands.
			258.21	260.34	2.13		DKGN						pro	ms	FX	<30								To	w		Moderate-strong propylitic alteration - granular gouge on fractures.
			261.29	261.57	0.28	VEN	GYGN		m		i				VN	80			i	i	t?	tw	t?				Silicified zone/large diffused quartz vein with massive sulphides.
			261.73	261.77	0.04	VEN	GY	BN			s				VT	60			w	w							Quartz band with discontinuous sulphide stringers, minor gouge.
			261.87	261.90	0.03	VEN	GY				85				VT	80	0.7		w	w		tw					Quartz veinlet with sulphide clots (<0.5cm).
			262.00	262.05	0.05	VEN	GY				80				VT	85	0.7		f	w		tw		Cp	t?		Quartz-carbonate veinlet with sulphide clots (<0.5cm).
			263.02	263.40	0.38	FLT?	GY			i					GO	60	~7										Grey gouge - "vein" or fault(?).
			265.13	265.16	0.03	VEN	GY				i				VN	60			w	w							Grey quartz vein with sulphide pits.
			265.71	265.76	0.05	VEN	GY	BN			i				VN	75			f	f		tw					Quartz-carbonate vein with sulphides.
			265.84	265.92	0.08	VEN	GY				i				VT	60-85	<0.7	3	tw	tw							Silicified zone with quartz veinlets.
			268.11	268.76	0.65		GYGN		m		ms				VN	75-85	<3	6	ms	m				Cp	t		Blocky silicified zone with grey mineralized vines.
			269.11	269.55	0.44		DKGN				ms		pro	ms					w	w				To	m		Strong propylitic and silicified interval - increased disseminated pyrite.
			273.23	273.42	0.19	VEN	GY/MT	BN			i				VN	70		2?	ms	m	tw	w		Cp	t?		Banded quartz-carbonate veins in silicified zone.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			276.39	276.51	0.12	VEN	GYGN	BN	m		i				VN	70			ms	m	t?			Cp	t?		Silicified/diffused quartz-carbonate vein with banded sulphides.
276.73	291.35	14.62				GRD	MDGN						pro	w	FX	50-60											Granodiorite; Unaltered to weakly propylitic granodiorite. Low-moderate vein density with narrow quartz-carbonate veinlets in fairly competent core rock. Rare sulphides.
															VT	55-80	<0.5	2								
																			t								
			277.36	278.37	1.01		DKGN			m			arg	w	FX												Broken, crumbled zone - granular gouge on fractures.
			279.06	279.21	0.15		GYGN				i				VN	80	3.0		m	m	t?	t					Silicified zone with one quartz-carbonate vein.
			282.67	283.18	0.51		LTGN	DI	m		f								tw								Phyllic and silicified zone with disseminated sulphides.
			282.92	282.93	0.01	VEN	GY/MT				70				VN	75			s	s							At 282.92m, mineralized quartz vein.
			286.59	288.13	1.54		LTGN		m	tw	m		arg	?													Phyllic and silicified interval with minor clay - slightly blocky core rock.
			287.82	287.87	0.05	VEN	GY	BN			i				VN	80			t	t							At 287.82m, banded diffused quartz-carbonate vein - trace sulphides.
			289.65	289.77	0.12		WHGN						arg	m	FX												Argillic altered zone - slightly crumbled rock.
291.35	295.33	3.98				GRD	LTGY		m		m		arg	f	FX	60-80											Altered Granodiorite; Mixed altered granodiorite zone. Bleached moderately phyllic granodiorite with moderate silicification. Dark grey silica bands (veins) commonly noted in weakly blocky core rock. Sulphides noted in veins and in matrix.
															VT	50-80	<5	4								
																			w	w							
			291.64	291.73	0.09	VEN	GY		m		i				VN	80	~2		f	f	t?						Quartz vein with sulphide stringers.
			291.99	293.41	1.42		GY	DI		f					FX				t								Clay altered crumbled zone.
			293.41	294.09	0.68	VEN	GY				i								m	m	t?						Strongly silicified band/quartz vein(?) with weak breccia textrures and vuggy with sulphides.
			294.81	295.33	0.52		GY				i				VN	85	<5	4	m	m							Strongly silicified interval with multiple quartz veins.
295.33	302.22	6.89				POR	BFTN	PO		w					DY	80											Porphyritic Dyke; Buff coloured, slightly blocky quartz-feldspar porphyry dyke. Minor veining and weakly clay altered. Clay noted on fracture surfaces. Rare to no sulphides noted.
															FX	50-50		8								
																			t								
			297.07	297.17	0.10	VEN	GY								VN	60	~4							Cb			Grey carbonate vein with granular gouge at lower contact.
															GO	50	~5										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
302.22	305.68	3.46				GRD	GYGN	BK	m		f				FX			15									Phyllic Granodiorite; Similar to 291.35-295.33m. Blocky, strongly fractured core rock with minor gouge noted on fracture surfaces. Moderately phyllic and silicified granodiorite. Moderate vein density with irregular carbonate veinlets common. Rare-trace disseminated pyrite noted.
															VT	60-70	<0.5	6									
								DI											t	t							
			302.87	302.98	0.11		GY			i					GO	50	~7										Grey gouge "vein".
305.68	306.66	0.98				POR	BNTN						pro	m	DY	75											Porphyritic Dyke; Buff-tan porphyritic dyke with quartz and feldspar phenocrysts. Weakly propylitic altered with minor clay zones. Grey gouge noted at lower contact. No significant sulphides noted.
306.66	325.94	19.28				GRD	LTGN		m		w		arg	f	FX	20-60		2									Phyllic Granodiorite; Slightly mixed granodiorite interval, dominantly with moderate phyllic and weak argillic altered granodiorite. Minor zones of weak propylitic also present. Low-moderate vein density in fairly competent core rock. Trace-weak amounts of disseminated sulphides noted in matrix.
													pro	tw													
															VT	50-75	<1	5									
																			tw	tw							
			306.66	306.72	0.06	VEN	DKGY	BN			80				VN	75			m	m							Banded siliceous vein with sulphides - minor gouge - contact zone.
			307.99	308.16	0.17	VEN	GY/MT				60				VN	75				i	t	w					Strongly silicified zone/quartz vein with sulphide clots (<0.5cm).
			309.08	309.22	0.14	VEN	GY/MT				i				VN	60			ms	m	t?						Grey quartz vein with discontinuous sulphide stringers.
			310.07	311.23	1.16		DKGY	BK	t				pro	w	FX	60		2									Slightly blocky interval of unaltered granodiorite.
			311.23	311.69	0.46		GYGN		m		ms				VT	50	~0.7		w	tw		t					Moderate-strongly silicified interval with veinlet.
			312.44	312.70	0.26		GN		m		f				VT	70	0.5		w	tw		tw					Weak-moderately silicified zone with one sulphide bearing veinlet.
			312.70	313.46	0.76		PK/GN						arg	m													Argillic altered interval.
			314.72	314.78	0.06	VEN	GY/MT				i				VN	65			i	ms		t					Quartz-carbonate vein with semi-massive sulphides.
			315.08	315.55	0.47		PK/GN						arg	m													Argillic (possible potassic?) altered interval - two veinlets present carrying sulphides.
															VT	35-55	<0.7	2									
			319.34	322.98	3.64		PK/GN		m				arg	m													Bleached zone, likely due to argillic alteration.
			320.92	321.22	0.30		YWGN		m		i				VN	65	<5	2	f	f	t?	t					At 320.92m, silicified zone with veins at 321.06-321.10m and 321.94-322.08m.
			323.85	324.20	0.35		PKWH						arg														Bleached (argillic altered?) zone.
			324.73	324.79	0.06	VEN	DKGY				i				VT	80	<1	4	tw	tw	t?						Silicified interval with narrow irregular quartz veinlets.
			325.74	325.94	0.20	VEN	GY/MT	BN			i				VN	70			i	i	t	tw					Contact zone to dyke downhole. Banded quartz vein with sulphide stringers.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
325.94	328.62	2.68				POR	BNTN	PO					pro	tw	DY	65											Porphyritic Dyke; Very weakly propylitic altered quartz-feldspar porphyry dyke. Fairly competent core rock with no signification sulphides noted.
328.62	332.51	3.89				GRD	LTGN		m		f		arg	w	FX	45		1									Phyllic Granodiorite; moderately phyllic granodiorite with patchy zones of silicification (forming silica bands). Low-weak vein density in competent core rock.
							GYWH								VT	60-75	<4	2									
			329.21	329.28	0.07		DKGY	PO							DY?	70											Dark grey porphyritic band - possible vein or small dyke(?).
			330.36	330.40	0.04	VEN	GYWH				80				VN	80			ms	ms							Light grey quartz vein with pyrite clots (<1cm).
			331.67	331.84	0.17		DKGY				i				DY?	75	7.0										Silicified zone with dark grey weakly porphyritic dyke(?) and light grey quartz vein.
						VEN	MDGY				80				VN	55	5.0		m	m				Cp	t?		
332.51	340.68	8.17				GRD	GY		tw				pro	tw	FX	40-60		2									Granodiorite; Unaltered to very weakly propylitic granodiorite with localized zones of weak phyllic. Low veining density generally associated with phyllic envelopes. Competent core rock with rare-trace sulphides.
															VT	50-70	<2	1									
																			t								
			333.85	334.27	0.42		LTGN	EN	m		f		pro	w													Phyllic and silicified zone surrounding mineralized quartz vein at 334.0-334.03m.
						VEN	GYWH				85				VN	50	3.0		m	m							
340.68	345.84	5.16				GRD	GYGN	MO	m		w		arg	f	FX	15-40		3									Phyllic Granodiorite; Mottled phyllic granodiorite with patchy zones of argillic bleaching and silicification. Weak-moderate vein density in fairly competent core rock. Rare-trace sulphides noted.
															VT	<10-40	<1	6									
																			t								
			340.85	340.93	0.08	VEN	GYWH	BN			90				VN	75			tw	tw	t?						Banded quartz-carbonate vein with trace-weak sulphides.
			343.84	344.69	0.85		PKWH						arg	f													Argillic altered interval.
345.84	349.34	3.50				GRD	GY		tw				pro	tw	FX	45											Granodiorite; Unaltered to very weak propylitic granodiorite with localized zones of phyllic, often associated with rare quartz veins. Competent core rock. Trace disseminated sulphides noted.
															VT	30	<0.7	2									
																			t								
			346.26	346.28	0.02	APL	PK								DY	55											Narrow pink-brown aplite dyke
			347.96	348.18	0.22		LTGN	EN	m		f																Phyllic and silicified zone - envelope to diffused silica vein with small sulphide clots (<0.5cm).
						VEN	DKGN				i				VN	80	~4		f	f		t					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
349.34	356.16	6.82				GRD	LTGN	MO	m		tw		arg	w	FX	40-60		4									Phyllic Granodiorite; Similar to 340.68-345.84m. Mottled phyllic granodiorite with patches of argillic bleaching and silica flooding. Moderate vein density, often carrying sulphides. Fairly competent core rock with minor fracturing. Trace disseminated sulphides noted in matrix.
															VT	70-80	<2	2									
																			tw								
			349.59	349.69	0.10	VEN	GY/MT				i				VN	85			75	75	t?						Grey quartz veins carrying massive sulphide, mainly pyrite.
			349.92	350.38	0.46		GYGN				ms																Silicified interval with multiple dark grey sulphide bearing quartz veinlets.
						VEN	DKGY								VT	75-80	<2	7	ms	ms	tw						
			351.25	352.02	0.77		MDGY		n				pro	tw													Unaltered to weakly propylitic interval.
			352.93	352.99	0.06		LTGY			m			arg	m	GO	55			tw	tw							Clay/gouge "vein"
			354.64	355.63	0.99		PKWH						arg	m													Argillic bleached/altered interval.
356.16	356.39	0.23				MAF?	DKGN	PO					pro	m	DY?	40			tw	tw							Mafic Dyke; Possible mafic dyke(?). Dark grey weakly porphyritic unit. Trace sulphides noted. Cross cut by narrow sulphide bearing quartz-carbonate veinlet.
356.39	370.94	14.55				GRD	GY		f		w		pro	w	FX	40-60		2									Mixed Granodiorite; Mixed granodiorite, varying between unaltered and patchy propylitic granodiorite to moderate phyllic zone, often associated with veining structures. Competent core rock with minor fracturing. Weak vein density, mainly occurring in clusters with phyllic envelopes - quartz-carbonate vein. Rare-trace disseminated sulphides in matrix. Weak amounts noted in veinlets and envelopes.
															VT	30-70	<2	5									
																			tw	tw							
			358.05	358.75	0.70		GYGN		m	w	f				VN?	~70	~5		tw	tw							Phyllic and silicified zone. Broken diffused grey vein noted with gouge on fracture surfaces. Trace sulphides.
			360.02	360.14	0.12		YWGN		m						VT	60	0.2		tw	tw		t?					Phyllic interval with irregular sulphide bearing veinlets.
			361.62	363.88	2.26		LTGN	DI	m		tw								tw								Phyllic and silicified interval with multiple veins.
			361.77	361.80	0.03	VEN	GY	VU			i				VN	80			w	w	t?						At 361.77m, vuggy quartz-carbonate vein with stringer sulphides.
			362.64	362.69	0.05	VEN	GYBN	BN			i				VN	75			tw	tw							At 362.64m, banded quartz-carbonate vein with trace sulphides.
			365.88	366.26	0.38		LTGN		m		f				VT	70	~2	2	w	w							Phyllic and silica flooded interval with diffused quartz vein.
			367.39	369.58	2.19		LTGN		f		w				VT	35-50	~2	4	tw	tw							Phyllic and silica flooded interval with multiple diffused quartz veins carrying rare-trace sulphides.
																											EOH @ 370.94m.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-60

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	4.90	4.90		0		0	EW	EW		Overburden
4.90	8.22	3.32	1.67	50	0.00	0	EW	EW		
8.22	11.27	3.05	3.03	99	2.31	76	MS	SE		
11.27	14.32	3.05	3.04	100	1.63	53	MS	SE		
14.32	17.37	3.05	2.86	94	1.76	58	MS	HW		
17.37	20.42	3.05	3.05	100	2.03	67	MS	SW		
20.42	23.46	3.04	2.92	96	1.50	49	MS	SW		
23.46	26.52	3.06	3.03	99	2.05	67	MS	SW		
26.52	29.56	3.04	2.93	96	2.51	83	S	SW		
29.56	32.61	3.05	3.08	101	2.07	68	MS	SW		
32.61	35.66	3.05	2.96	97	2.46	81	MS	SW		
35.66	38.71	3.05	3.01	99	2.21	72	MS	SW		
38.71	41.75	3.04	3.02	99	2.01	66	S	HW		
41.75	44.80	3.05	2.85	93	1.22	40	S	SW		
44.80	47.85	3.05	2.90	95	1.15	38	W	SW		
47.85	50.90	3.05	2.79	91	0.62	20	W	FR		
50.90	53.95	3.05	3.17	104	2.19	72	W	FR		
53.95	57.00	3.05	2.99	98	2.15	70	W	FR		
57.00	60.05	3.05	2.45	80	0.99	32	MS	FR		
60.05	63.09	3.04	2.54	84	0.38	13	MS	FR		
63.09	66.14	3.05	2.96	97	1.09	36	S	FR		
66.14	69.18	3.04	2.20	72	0.66	22	S	FR		
69.18	72.24	3.06	2.97	97	1.66	54	W	FR		
72.24	75.29	3.05	3.01	99	1.53	50	MS	FR		
75.29	78.33	3.04	2.96	97	1.36	45	S	FR		
78.33	81.38	3.05	3.11	102	1.90	62	MS	FR		
81.38	84.43	3.05	2.51	82	2.12	70	MS	FR		
84.43	87.48	3.05	2.94	96	2.38	78	MS	FR		
87.48	90.53	3.05	3.02	99	0.78	26	MS	FR		
90.53	93.57	3.04	2.74	90	1.56	51	W	FR		
93.57	96.62	3.05	2.50	82	1.85	61	W	FR		
96.62	99.66	3.04	3.00	99	2.05	67	MS	FR		
99.66	102.71	3.05	3.01	99	2.14	70	S	FR		
102.71	105.76	3.05	2.78	91	1.48	49	S	FR		
105.76	108.81	3.05	3.07	101	2.65	87	S	FR		
108.81	111.86	3.05	2.92	96	2.20	72	S	FR		
111.86	114.91	3.05	2.93	96	1.07	35	S	FR		
114.91	117.96	3.05	3.10	102	2.06	68	S	FR		
117.96	121.00	3.04	2.92	96	1.61	53	MS	FR		
121.00	124.05	3.05	2.81	92	1.45	48	W	FR		
124.05	127.10	3.05	3.15	103	1.47	48	MS	FR		
127.10	130.15	3.05	3.07	101	1.90	62	S	FR		
130.15	133.19	3.04	3.04	100	2.68	88	S	FR		
133.19	136.25	3.06	3.05	100	2.48	81	MS	FR		
136.25	139.29	3.04	3.03	100	2.78	91	S	FR		
139.29	142.34	3.05	2.99	98	2.45	80	S	FR		
142.34	145.38	3.04	3.05	100	2.03	67	S	FR		
145.38	148.43	3.05	2.98	98	2.23	73	S	FR		
148.43	151.48	3.05	3.00	98	2.13	70	S	FR		
151.48	154.53	3.05	3.02	99	2.43	80	S	FR		
154.53	157.58	3.05	3.02	99	2.23	73	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
157.58	160.63	3.05	2.90	95	1.38	45	MS	FR		
160.63	163.67	3.04	2.96	97	1.62	53	MS	FR		
163.67	166.72	3.05	3.01	99	1.95	64	MS	FR		
166.72	169.77	3.05	2.89	95	1.02	33	MS	FR		
169.77	172.82	3.05	3.03	99	2.49	82	S	FR		
172.82	175.87	3.05	3.04	100	2.50	82	MS	FR		
175.87	178.92	3.05	3.07	101	2.62	86	W	FR		
178.92	181.96	3.04	2.96	97	2.00	66	MS	FR		
181.96	185.00	3.04	3.07	101	1.63	54	VS	FR		
185.00	188.06	3.06	3.00	98	2.50	82	VS	FR		
188.06	191.11	3.05	3.03	99	2.20	72	VS	FR		
191.11	194.15	3.04	3.09	102	2.08	68	VS	FR		
194.15	197.21	3.06	3.02	99	2.60	85	S	FR		
197.21	200.25	3.04	2.94	97	1.70	56	S	FR		
200.25	203.30	3.05	3.14	103	2.46	81	S	FR		
203.30	206.34	3.04	2.96	97	2.20	72	S	FR		
206.34	209.39	3.05	3.05	100	2.09	69	S	FR		
209.39	212.44	3.05	2.88	94	2.08	68	S	FR		
212.44	215.49	3.05	3.06	100	2.24	73	S	FR		
215.49	218.54	3.05	3.06	100	2.44	80	S	FR		
218.54	221.58	3.04	2.87	94	1.88	62	S	FR		
221.58	224.64	3.06	2.98	97	1.73	57	S	FR		
224.64	227.68	3.04	3.10	102	1.73	57	S	FR		
227.68	230.73	3.05	2.98	98	2.42	79	MS	FR		
230.73	233.78	3.05	2.91	95	1.91	63	MS	FR		
233.78	236.82	3.04	2.93	96	1.62	53	MS	FR		
236.82	239.88	3.06	2.93	96	1.42	46	MS	FR		
239.88	242.92	3.04	2.40	79	0.55	18	W	FR		
242.92	245.97	3.05	2.65	87	0.00	0	W	FR		
245.97	249.02	3.05	2.45	80	0.80	26	W	FR		
249.02	252.06	3.04	2.88	95	1.33	44	W	FR		
252.06	255.11	3.05	2.78	91	2.07	68	MS	FR		
255.11	258.16	3.05	3.01	99	1.33	44	MS	FR		
258.16	261.21	3.05	3.05	100	1.36	45	MS	FR		
261.21	264.26	3.05	3.03	99	1.98	65	MS	FR		
264.26	267.31	3.05	2.76	90	1.03	34	MS	FR		
267.31	270.35	3.04	3.05	100	1.52	50	MS	FR		
270.35	273.40	3.05	2.96	97	0.96	31	MS	FR		
273.40	276.46	3.06	2.58	84	1.78	58	MS	FR		
276.46	279.50	3.04	2.96	97	0.79	26	MS	FR		
279.50	282.55	3.05	2.86	94	0.89	29	S	FR		
282.55	285.59	3.04	2.92	96	1.68	55	S	FR		
285.59	288.65	3.06	2.75	90	1.35	44	S	FR		
288.65	291.69	3.04	3.18	105	1.97	65	S	FR		
291.69	294.74	3.05	2.52	83	0.85	28	S	FR		
294.74	297.78	3.04	2.90	95	1.04	34	S	FR		
297.78	300.83	3.05	2.39	78	1.29	42	S	FR		
300.83	303.88	3.05	2.92	96	1.01	33	MS	FR		
303.88	306.93	3.05	2.37	78	0.28	9	MS	FR		
306.93	309.98	3.05	3.10	102	1.97	65	MS	FR		
309.98	313.03	3.05	2.98	98	1.78	58	S	FR		
313.03	316.07	3.04	3.11	102	2.61	86	S	FR		
316.07	319.12	3.05	3.06	100	2.22	73	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
319.12	322.17	3.05	2.80	92	1.90	62	MS	FR		
322.17	325.22	3.05	2.87	94	1.80	59	MS	FR		
325.22	328.27	3.05	3.05	100	2.02	66	S	FR		
328.27	331.31	3.04	2.99	98	2.38	78	S	FR		
331.31	334.36	3.05	3.03	99	2.83	93	VS	FR		
334.36	337.41	3.05	2.97	97	2.52	83	VS	FR		
337.41	340.46	3.05	3.06	100	2.74	90	VS	FR		
340.46	343.51	3.05	3.00	98	2.39	78	VS	FR		
343.51	346.56	3.05	2.99	98	2.09	69	VS	FR		
346.56	349.60	3.04	3.05	100	2.26	74	VS	FR		
349.60	352.65	3.05	2.98	98	2.23	73	VS	FR		
352.65	355.70	3.05	2.92	96	1.48	49	MS	FR		
355.70	358.75	3.05	3.04	100	2.41	79	MS	FR		
358.75	361.80	3.05	3.10	102	2.66	87	S	FR		
361.80	364.84	3.04	3.02	99	2.35	77	MS	FR		
364.84	367.90	3.06	3.03	99	1.99	65	S	FR		
367.90	370.94	3.04	3.00	99	2.06	68	VS	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-60

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	7.55	7.55		0	N/S						
7.55	11.27	3.72	3.68	99	K976183	1					
11.27	14.32	3.05	2.92	96	K976184	1					
14.32	15.92	1.60	1.52	95	K976185	1					
15.92	16.82	0.90	0.88	98	K976186	1					
					K976187	1					Blank
16.82	19.66	2.84	2.85	100	K976188	1					
19.66	22.04	2.38	2.28	96	K976189	1					
22.04	24.72	2.68	2.55	95	K976190	1					
24.72	26.26	1.54	1.56	101	K976191	1					
					K976192	1					Duplicate
0.00	29.03	29.03	2.54	9	K976193	1					
29.03	31.78	2.75	2.73	99	K976194	1					
31.78	34.89	3.11	3.07	99	K976195	1					
34.89	35.72	0.83	0.75	90	K976196	1					
35.72	37.43	1.71	1.61	94	K976197	1					
37.43	39.91	2.48	2.48	100	K976198	1					
39.91	41.47	1.56	1.50	96	K976199	1					
					K976200	1					Standard: PL-2
41.47	42.67	1.20	1.18	98	K976201	1					
42.67	43.71	1.04	0.60	58	K976202	1					
43.71	44.80	1.09	1.11	102	K976203	1					
44.80	45.80	1.00	1.00	100	K976204	1					
45.80	47.85	2.05	1.78	87	K976205	1					
47.85	50.23	2.38	1.93	81	K976206	1					
50.23	51.23	1.00	0.95	95	K976207	1					
51.23	53.95	2.72	2.88	106	K976208	1					
					K976209	1					Standard: CDN-ME-16
53.95	57.00	3.05	3.04	100	K976210	1					
57.00	59.86	2.86	2.09	73	K976211	1					
59.86	63.09	3.23	2.56	79	K976212	1					
63.09	66.14	3.05	2.94	96	K976213	1					
66.14	67.06	0.92	0.87	95	K976214	1					
					K976215	1					Blank
67.06	70.13	3.07	2.24	73	K976216	1					
70.13	73.29	3.16	2.94	93	K976217	1					
73.29	75.29	2.00	2.00	100	K976218	1					
75.29	77.82	2.53	2.40	95	K976219	2					
77.82	79.84	2.02	2.02	100	K976220	2					
79.84	82.86	3.02	3.00	99	K976221	2					
82.86	84.43	1.57	1.56	99	K976222	2					
					K976223	2					Blank
84.43	86.33	1.90	1.77	93	K976224	2					
86.33	88.63	2.30	2.30	100	K976225	2					
88.63	90.03	1.40	1.42	101	K976226	2					
90.03	91.03	1.00	0.95	95	K976227	2					
91.03	93.57	2.54	2.29	90	K976228	2					
93.57	95.38	1.81	1.81	100	K976229	2					
95.38	96.38	1.00	1.03	103	K976230	2					
					K976231	2					Blank
96.38	97.41	1.03	0.98	95	K976232	2					
97.41	99.17	1.76	1.75	99	K976233	2					
99.17	101.69	2.52	2.55	101	K976234	2					
101.69	102.82	1.13	0.93	82	K976235	2					
102.82	105.76	2.94	2.62	89	K976236	2					
105.76	108.81	3.05	3.05	100	K976237	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K976238	2					Standard: PL-2
108.81	111.34	2.53	2.33	92	K976239	2					
111.34	112.73	1.39	1.37	99	K976240	2					
112.73	113.75	1.02	1.08	106	K976241	2					
113.75	116.06	2.31	2.14	93	K976242	2					
116.06	118.53	2.47	2.41	98	K976243	2					
118.53	119.93	1.40	1.40	100	K976244	2					
					K976245	2					Duplicate
119.93	123.14	3.21	2.91	91	K976246	2					
123.14	124.30	1.16	1.24	107	K976247	2					
124.30	127.10	2.80	2.88	103	K976248	2					
127.10	128.31	1.21	1.20	99	K976249	2					
128.31	130.15	1.84	1.85	101	K976250	2					
130.15	132.18	2.03	2.03	100	K976251	2					
					K976252	2					Standard: CDN-ME-16
132.18	133.19	1.01	0.97	96	K976253	2					
133.19	133.73	0.54	0.54	100	K976254	2					
133.73	134.23	0.50	0.51	102	K976255	3					
134.23	135.25	1.02	1.02	100	K976256	3					
					K976257	3					Blank
135.25	137.01	1.76	1.74	99	K976258	3					
137.01	138.01	1.00	1.00	100	K976259	3					
					K976260	3					Blank
138.01	140.46	2.45	2.44	100	K976261	3					
140.46	142.95	2.49	2.36	95	K976262	3					
142.95	144.62	1.67	1.68	101	K976263	3					
144.62	146.82	2.20	2.17	99	K976264	3					
146.82	147.82	1.00	0.99	99	K976265	3					
					K976266	3					Standard: CDN-ME-16
147.82	148.94	1.12	1.12	100	K976267	3					
148.94	150.80	1.86	1.85	99	K976268	3					
150.80	152.66	1.86	1.86	100	K976269	3					
152.66	154.73	2.07	2.03	98	K976270	3					
154.73	156.55	1.82	1.76	97	K976271	3					
156.55	158.40	1.85	1.79	97	K976272	3					
					K976273	3					Standard: PL-2
158.40	160.05	1.65	1.61	98	K976274	3					
160.05	162.23	2.18	2.15	99	K976275	3					
162.23	164.26	2.03	1.98	98	K976276	3					
164.26	166.68	2.42	2.40	99	K976277	3					
166.68	169.77	3.09	2.86	93	K976278	3					
169.77	171.04	1.27	1.29	102	K976279	3					
171.04	173.98	2.94	2.92	99	K976280	3					
173.98	175.31	1.33	1.30	98	K976281	3					
175.31	178.31	3.00	2.91	97	K976282	3					
178.31	179.80	1.49	1.45	97	K976283	3					
					K976284	3					Duplicate
179.80	181.96	2.16	2.10	97	K976285	3					
181.96	185.00	3.04	3.02	99	K976286	3					
185.00	188.18	3.18	3.10	97	K976287	3					
188.18	189.15	0.97	1.00	103	K976288	3					
189.15	191.11	1.96	1.94	99	K976289	3					
191.11	194.15	3.04	3.05	100	K976290	3					
194.15	197.21	3.06	3.05	100	K976291	4					
197.21	198.57	1.36	1.33	98	K976292	4					
198.57	199.42	0.85	0.84	99	K976293	4					
					K976294	4					Standard: CDN-ME-16
199.42	200.57	1.15	1.15	100	K976295	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
200.57	203.30	2.73	2.81	103	K976296	4					
203.30	205.67	2.37	2.29	97	K976297	4					
205.67	206.50	0.83	0.83	100	K976298	4					
					K976299	4					Blank
206.50	207.42	0.92	0.92	100	K976300	4					
207.42	209.53	2.11	2.08	99	K976301	4					
209.53	211.89	2.36	2.26	96	K976302	4					
211.89	212.65	0.76	0.67	88	K976303	4					
212.65	213.66	1.01	0.99	98	K976304	4					
213.66	215.93	2.27	2.39	105	K976305	4					
215.93	217.92	1.99	2.01	101	K976306	4					
					K976307	4					Duplicate
217.92	219.98	2.06	2.06	100	K976308	4					
219.98	223.55	3.57	3.28	92	K976309	4					
223.55	225.51	1.96	1.92	98	K976310	4					
225.51	227.84	2.33	2.36	101	K976311	4					
227.84	228.47	0.63	0.47	75	K976312	4					
228.47	230.35	1.88	2.42	129	K976313	4					
					K976314	4					Standard: CDN-ME-16
230.35	233.03	2.68	2.17	81	K976315	4					
233.03	234.62	1.59	1.62	102	K976316	4					
234.62	235.55	0.93	0.89	96	K976317	4					
235.55	236.12	0.57	0.57	100	K976318	4					
236.12	237.12	1.00	0.97	97	K976319	4					
					K976320	4					Blank
237.12	237.93	0.81	0.79	98	K976321	4					
237.93	239.01	1.08	0.91	84	K976322	4					
239.01	239.95	0.94	0.94	100	K976323	4					
239.95	241.32	1.37	1.33	97	K976324	4					
241.32	242.92	1.60	1.03	64	K976325	4					
242.92	245.31	2.39	2.39	100	K976326	4					
245.31	246.59	1.28	1.28	100	K976327	5					
246.59	247.68	1.09	1.07	98	K976328	5					
					K976329	5					Blank
247.68	250.90	3.22	2.56	80	K976330	5					
250.90	253.22	2.32	2.28	98	K976331	5					
253.22	255.84	2.62	2.31	88	K976332	5					
255.84	257.48	1.64	1.64	100	K976333	5					
257.48	258.21	0.73	0.68	93	K976334	5					
258.21	260.34	2.13	2.13	100	K976335	5					
260.34	261.21	0.87	0.83	95	K976336	5					
261.21	262.22	1.01	1.02	101	K976337	5					
					K976338	5					Blank
262.22	263.48	1.26	1.26	100	K976339	5					
263.48	264.48	1.00	1.00	100	K976340	5					
264.48	265.95	1.47	1.48	101	K976341	5					
265.95	268.11	2.16	2.04	94	K976342	5					
268.11	269.11	1.00	1.09	109	K976343	5					
269.11	271.33	2.22	2.20	99	K976344	5					
					K976345	5					Standard: PL-2
271.33	272.80	1.47	1.47	100	K976346	5					
272.80	273.80	1.00	1.00	100	K976347	5					
273.80	275.73	1.93	1.72	89	K976348	5					
275.73	276.73	1.00	0.97	97	K976349	5					
276.73	278.84	2.11	2.10	100	K976350	5					
278.84	279.69	0.85	0.85	100	K976351	5					
279.69	282.55	2.86	2.40	84	K976352	5					
282.55	285.59	3.04	2.95	97	K976353	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K976354	5					Standard: CDN-ME-16
285.59	288.65	3.06	2.70	88	K976355	5					
288.65	291.35	2.70	2.85	106	K976356	5					
291.35	293.41	2.06	1.54	75	K976357	5					
293.41	295.33	1.92	1.98	103	K976358	5					
295.33	297.78	2.45	2.38	97	K976359	5					
297.78	300.83	3.05	2.25	74	K976360	5					
300.83	302.22	1.39	1.36	98	K976361	5					
					K976362	5					Duplicate
302.22	303.88	1.66	1.26	76	K976363	6					
303.88	305.63	1.75	1.02	58	K976364	6					
305.63	306.66	1.03	0.89	86	K976365	6					
306.66	307.47	0.81	0.80	99	K976366	6					
307.47	308.47	1.00	1.00	100	K976367	6					
					K976368	6					Standard: CDN-ME-16
308.47	309.47	1.00	0.97	97	K976369	6					
309.47	312.44	2.97	2.83	95	K976370	6					
312.44	314.24	1.80	1.80	100	K976371	6					
314.24	315.08	0.84	0.86	102	K976372	6					
315.08	317.93	2.85	2.93	103	K976373	6					
317.93	320.92	2.99	2.96	99	K976374	6					
320.92	322.08	1.16	0.91	78	K976375	6					
322.08	324.43	2.35	2.13	91	K976376	6					
324.43	325.43	1.00	1.02	102	K976377	6					
325.43	325.94	0.51	0.50	98	K976378	6					
					K976379	6					Blank
325.94	328.62	2.68	2.71	101	K976380	6					
328.62	329.63	1.01	1.00	99	K976381	6					
329.63	330.84	1.21	1.17	97	K976382	6					
					K976383	6					Duplicate
330.84	331.84	1.00	0.98	98	K976384	6					
331.84	332.51	0.67	0.67	100	K976385	6					
332.51	333.85	1.34	1.32	99	K976386	6					
333.85	334.85	1.00	1.00	100	K976387	6					
334.85	337.41	2.56	2.51	98	K976388	6					
337.41	340.68	3.27	3.28	100	K976389	6					
					K976390	6					Standard: CDN-ME-16
340.68	343.51	2.83	2.78	98	K976391	6					
343.51	345.84	2.33	2.31	99	K976392	6					
345.84	347.96	2.12	2.10	99	K976393	6					
347.96	349.34	1.38	1.39	101	K976394	6					
349.34	350.38	1.04	1.06	102	K976395	6					
					K976396	6					Blank
350.38	352.02	1.64	1.55	95	K976397	6					
352.02	353.46	1.44	1.40	97	K976398	6					
353.46	355.95	2.49	2.29	92	K976399	7					
355.95	358.75	2.80	2.82	101	K976400	7					
					K972994	7					Blank
358.75	361.62	2.87	2.91	101	K972995	7					
361.62	363.88	2.26	2.27	100	K972996	7					
363.88	367.39	3.51	3.40	97	K972997	7					
367.39	369.58	2.19	2.14	98	K972998	7					
					K972999	7					Standard: CDN-ME-16
369.58	370.94	1.36	1.34	99	K973000	7					
	EOH										

DENSITY LOG

Hole: **KL-11-60**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	%	%	%	Other	%							
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-60

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				
2.00				
3.00				
4.00				
5.00			1.021	
6.00			1.012	
7.00			0.255	
8.00			0.181	
9.00			0.184	
10.00			0.201	
11.00			0.27	
12.00			0.159	
13.00			0.314	
14.00			0.254	
15.00			0.16	
16.00			0.192	
17.00			0.658	
18.00			17.89	
19.00			17.51	
20.00			2.783	
21.00			0.474	
22.00			7.129	
23.00			21.87	
24.00			2.377	
25.00			1.096	
26.00			0.604	
27.00			32.2	
28.00			1.608	
29.00			9.736	
30.00			0.496	
31.00			1.566	
32.00			0.513	
33.00			14.63	
34.00			7.756	
35.00			3.296	
36.00			8.917	
37.00			26.72	
38.00			1.139	
39.00			2.083	
40.00			0.699	
41.00			1.095	
42.00			0.517	
43.00			0.614	
44.00			0.402	
45.00			0.426	
46.00			1.395	
47.00			0.381	
48.00			0.446	
49.00			1.089	
50.00			1.319	
51.00			0.678	
52.00			1.5	
53.00			30.3	
54.00			13.69	
55.00			1.629	
56.00			25.05	
57.00			4.865	
58.00			18.13	
59.00			0.313	
60.00			0.117	
61.00			0.112	
62.00			0.129	
63.00			0.075	
64.00			0.1	
65.00			0.048	
66.00			0.286	
67.00			0.387	
68.00			0.374	
69.00			0.243	
70.00			0.601	
71.00			1.1	
72.00			0.358	
73.00			1.477	
74.00			0.725	
75.00			0.598	
76.00			3.937	
77.00			1.725	
78.00			1.596	
79.00			1.031	
80.00			10.16	
81.00			2.908	
82.00			0.688	
83.00			0.519	
84.00			0.633	
85.00			0.63	
86.00			0.873	
87.00			1.248	
88.00			1.988	
89.00			13.14	
90.00			0.476	
91.00			0.73	
92.00			1.608	
93.00			1.444	
94.00			0.708	
95.00			0.496	
96.00			0.542	
97.00			0.259	
98.00			0.599	
99.00			0.557	
100.00			2.292	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			1.258	
102.00			13.49	
103.00			27.77	
104.00			12.69	
105.00			27.45	
106.00			0.757	
107.00			34.81	
108.00			24.63	
109.00			27.43	
110.00			39.96	
111.00			38.51	
112.00			8.346	
113.00			2.741	
114.00			8.567	
115.00			7.707	
116.00			1.675	
117.00			29.36	
118.00			7.128	
119.00			0.694	
120.00			31.35	
121.00			32.7	
122.00			3.455	
123.00			39.92	
124.00			43.38	
125.00			22.27	
126.00			27.16	
127.00			35.23	
128.00			4.441	
129.00			29.84	
130.00			36.5	
131.00			31.77	
132.00			19.25	
133.00			1.167	
134.00			0.434	
135.00			0.004	
136.00			20.46	
137.00			3.655	
138.00			18.05	
139.00			35.98	
140.00			2.191	
141.00			26.09	
142.00			0.992	
143.00			1.077	
144.00			0.357	
145.00			1.975	
146.00			35.45	
147.00			1.14	
148.00			0.737	
149.00			1.302	
150.00			47.33	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			38.72	
152.00			12.07	
153.00			2.133	
154.00			0.358	
155.00			1.785	
156.00			14.81	
157.00			0.45	
158.00			0.293	
159.00			0.818	
160.00			11.53	
161.00			0.776	
162.00			0.756	
163.00			0.869	
164.00			19.28	
165.00			0.271	
166.00			0.237	
167.00			0.324	
168.00			1.271	
169.00			22.09	
170.00			37.2	
171.00			4.269	
172.00			0.561	
173.00			1.208	
174.00			0.616	
175.00			0.678	
176.00			3.221	
177.00			1.48	
178.00			0.639	
179.00			3.909	
180.00			33.29	
181.00			22.05	
182.00			4.539	
183.00			6.106	
184.00			37.6	
185.00			38.76	
186.00			24.82	
187.00			32.61	
188.00			4.896	
189.00			3.869	
190.00			41.24	
191.00			31.34	
192.00			18.81	
193.00			45.44	
194.00			38.38	
195.00			28.14	
196.00			38.84	
197.00			30.06	
198.00			3.213	
199.00			16.06	
200.00			17.85	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.57	
202.00			0.553	
203.00			1.305	
204.00			0.453	
205.00			0.526	
206.00			0.236	
207.00			0.828	
208.00			21.72	
209.00			25.66	
210.00			0.847	
211.00			10.24	
212.00			0.479	
213.00			0.404	
214.00			0.241	
215.00			0.5	
216.00			0.465	
217.00			0.702	
218.00			0.489	
219.00			0.442	
220.00			0.425	
221.00			6.267	
222.00			16.27	
223.00			19.36	
224.00			18.55	
225.00			0.596	
226.00			0.478	
227.00			13.35	
228.00			6.902	
229.00			0.805	
230.00			0.686	
231.00			0.345	
232.00			0.451	
233.00			0.355	
234.00			0.588	
235.00			0.224	
236.00			1.465	
237.00			0.735	
238.00			0.567	
239.00			0.457	
240.00			0.995	
241.00			1.5	
242.00			0.369	
243.00			0.514	
244.00			0.423	
245.00			0.599	
246.00			0.302	
247.00			0.445	
248.00			0.427	
249.00			0.317	
250.00			0.28	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.56	
252.00			0.61	
253.00			0.51	
254.00			0.407	
255.00			0.637	
256.00			0.78	
257.00			0.731	
258.00			1.15	
259.00			12.96	
260.00			0.63	
261.00			0.485	
262.00			0.658	
263.00			0.489	
264.00			0.57	
265.00			0.327	
266.00			0.434	
267.00			0.666	
268.00			16.88	
269.00			0.566	
270.00			12.34	
271.00			20.5	
272.00			3.543	
273.00			0.905	
274.00			0.945	
275.00			0.802	
276.00			0.786	
277.00			27.35	
278.00			1.168	
279.00			8.244	
280.00			48.64	
281.00			33.16	
282.00			2.68	
283.00			1.313	
284.00			8.953	
285.00			41.28	
286.00			46.82	
287.00			42.91	
288.00			1.034	
289.00			0.641	
290.00			4.179	
291.00			3.933	
292.00			0.262	
293.00			0.14	
294.00			0.304	
295.00			0.376	
296.00			0.286	
297.00			0.511	
298.00			0.363	
299.00			0.216	
300.00			0.238	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.302	
302.00			0.398	
303.00			0.339	
304.00			0.288	
305.00			0.234	
306.00			0.44	
307.00			0.631	
308.00			0.144	
309.00			0.491	
310.00			21.45	
311.00			16.24	
312.00			22.45	
313.00			0.285	
314.00			2.954	
315.00			0.643	
316.00			4.439	
317.00			0.8	
318.00			0.284	
319.00			0.396	
320.00			0.501	
321.00			0.384	
322.00			0.488	
323.00			0.496	
324.00			0.462	
325.00			0.321	
326.00			0.261	
327.00			0.281	
328.00			0.235	
329.00			0.512	
330.00			0.54	
331.00			0.63	
332.00			0.266	
333.00			27.31	
334.00			0.632	
335.00			26.57	
336.00			36.95	
337.00			32.59	
338.00			25.44	
339.00			12.71	
340.00			18.64	
341.00			0.573	
342.00			0.448	
343.00			0.678	
344.00			0.555	
345.00			0.272	
346.00			13.05	
347.00			40.18	
348.00			35.84	
349.00			11.72	
350.00			0.274	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			11.29	
352.00			0.866	
353.00			0.389	
354.00			0.99	
355.00			0.777	
356.00			8.543	
357.00			3.754	
358.00			0.548	
359.00			1.372	
360.00			2.904	
361.00			9.814	
362.00			0.447	
363.00			0.662	
364.00			1.554	
365.00			7.875	
366.00			0.63	
367.00			0.278	
368.00			0.416	
369.00			0.334	
370.00			7.996	
EOH				

BOX LOG

HOLE: KL-11-60

BOX	FROM (m)	TO (m)
1	0.00	8.73
2	8.73	13.00
3	13.00	17.37
4	17.37	21.41
5	21.41	25.57
6	25.57	29.56
7	29.56	33.58
8	33.58	37.31
9	37.31	41.47
10	41.47	44.98
11	44.98	49.72
12	49.72	52.32
13	52.32	56.11
14	56.11	60.03
15	60.03	63.46
16	63.46	66.78
17	66.78	71.18
18	71.18	74.75
19	74.75	78.74
20	78.74	82.76
21	82.76	86.86
22	86.86	90.88
23	90.88	95.00
24	95.00	99.02
25	99.02	103.23
26	103.23	107.55
27	107.55	111.73
28	111.73	115.48
29	115.48	119.56
30	119.56	123.69
31	123.69	127.25
32	127.25	131.46
33	131.46	135.72
34	135.72	139.79
35	139.79	144.00
36	144.00	148.25
37	148.25	152.38
38	152.38	156.52
39	156.52	160.41
40	160.41	164.48
41	164.48	138.41
42	138.41	172.40
43	172.40	176.64
44	176.64	180.86
45	180.86	184.72
46	184.72	189.02
47	189.02	193.14
48	193.14	197.21
49	197.21	201.53
50	201.53	205.71
51	205.71	209.53
52	209.53	213.90
53	213.90	217.92
54	217.92	221.87
55	221.87	225.80
56	225.80	229.75
57	229.75	233.87
58	233.87	237.79
59	237.79	241.32
60	241.32	244.71
61	244.71	247.34
62	247.34	251.42
63	251.42	255.35
64	255.35	258.97
65	258.97	262.57
66	262.57	266.69
67	266.69	270.35
68	270.35	274.26
69	274.26	278.10
70	278.10	281.75
71	281.75	285.96
72	285.96	289.93
73	289.93	293.80
74	293.80	297.55
75	297.55	301.83
76	301.83	305.32
77	305.32	309.26
78	309.26	313.29
79	313.29	317.31
80	317.31	321.22
81	321.22	325.38
82	325.38	329.07
83	329.07	333.04
84	333.04	337.29
85	337.29	341.32
86	341.32	345.66
87	345.66	349.60
88	349.60	353.56
89	353.56	357.66
90	357.66	361.84
91	361.84	366.02
92	366.02	370.19
93	370.19	370.94
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382956.93	6889934.5	1387.96	364.85

ZONE: KLAZA

SECTION:

HOLE: KL-11-61

CLAIM:

Contractor: Swiftsure

Drill:

Core size: HQ

Casing depth: _____ (m) in / out

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	242.93	40.1	-51.4	Ranger
60.05	35.4	-50.2	Ranger	273.41	39	-50.8	Ranger
151.49	35.4	-51	Ranger	334.37	43.3	-50.3	Ranger
181.97	35.5	-51.3	Ranger	364.85	41.1	-49.8	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.93	3.93	OVB	Casing/No recovery.
3.93	33.27	29.34	GRD	Oxidized granodiorite. Silicious dyke at footwall of
				interval.
33.27	75.08	41.81	GRD	Strongly phyllic altered granodioirte. Numerous quartz
				veins thoughout. Light green with disseminated pyrite
75.08	82.76	7.68	VEN	Phyllic altered granodiorite hosting sheeted polymetal
				sulphide veins composed of arsenopyrite, galena,
				sphalerite and pyrite.
82.76	165.17	82.41	GRD	Unaltered to propylitic altered granodiorite hosting few
				quartz veins with phyllic to argillic altered envelopes.
				envelopes are narrow.
165.17	220.66	55.49	VEN/BXA	Silicious granodiorite. Strongly phyllic altered with
				hosting disseminated pyrite and sulphide veinlets.
				strongest vein zone in hole. Breccia zones present.
220.66	312.39	91.73	GRD	Phyllic to propylitic altered granodiorite with decreasin
				intensity downhole.
312.39	364.85	52.46	GRD	Largely unaltered granodiorite.

SAMPLES

Numbers: K972813-K972850, K976001-K976182

Total: 216

Batch: KL-11-61 Batch 1-6

Date Sent:

Certificate: WH11193192, WH11193328, WH11195757, WH11195759, WH11198199, WH11198210, WH11246360, WH11246361

COMMENTS

GEOLOGY LOG

HOLE: KL-11-61

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.93	3.93				OVB																					Overburden/Casing; Unconsolidated dirt and soil with trace organics. Fragments of granodiorite noted.
3.93	5.63	1.70				GRD	ORGY					f	pro	tw	FX	35		2									Weathered granodiorite; Weakly propylitic altered granodiorite with patchy brown-orange oxidation. Low veining density in competent core rock. Oxidized fracture surfaces. Rare mineralization - trace limonite(?).
															VT	30	0.1	4									
																								Li	?		
5.63	9.70	4.07				GRD	BROR		t			s	arg	m	FX	20-35		3									Strongly weathered and Altered Granodiorite; moderately argillic altered granodiorite with patchy strong propylitic zones and overprinted with moderate-strong oxidation. Fairly competent core rock with minor zones of shattered core.
													pro	w													
															VT	60-70	0.3										Low-moderate veining density - narrow carbonate veinlets noted.
																			t	t				Li	t		Rare-trace finely disseminated sulphides - likely to be pyrite. Weak limonite noted on fractures.
			7.54	8.34	0.80		DKGY					m	pro	s													Interval of increased propylitic alteration with slight decrease in oxidation.
9.70	15.04	5.34				GRD	WHGN		w			f	arg	s	FX	30-40		3									Moderately altered Granodiorite; Similar to 5.63 9.70m, with much decreased oxidation. Strong argillic altered granodiorite with mixed patchy zones of weak-moderate propylitic and phyllic alteration. Fairly competent core rock with occasional fractures.
													pro	w													
															VT	~60	<0.3	5									Low-moderate veining - narrow and irregular carbonate veinlets most common.
																			tw	tw		t					Trace-weak sulphide mineralization, generally noted in phyllic patches.
			10.97	12.11	1.14		DKGN					f	pro	m													Interval of increased propylitic alteration and decreased phyllic.
			13.22	14.12	0.90		MDGN		f				pro	w					tw								Zone of increased propylitic and phyllic alteration. Sulphide stringers and disseminated sulphides noted. Dominantly pyrite with trace sphalerite and rare arsenopyrite(?)
															VT	60-70	<0.5	2		tw	t	t					
								DI												tw							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
15.04	17.49	2.45				GRD	GNGY		m		t?	t			FX	40-60		4									Phyllic Granodiorite; Fair-moderately phyllic altered granodiorite with possible patchy silicification. Fairly competent core rock with minor fracturing. Weak oxidation on surfaces.
															VT									Cb			Moderate veining density with discontinuous and irregular carbonate stringers.
																			f	w							Weak-fair mineralization, mainly occurring in sulphide veins and veinlets. Fine disseminations also noted throughout interval. Minor amounts of oxides also present on fractures.
17.49	24.38	6.89				FEL	BFTN	BK			m	tw			DY	~80											Felsic Siliceous Dyke (Sister Vein Dyke); Buff-tan coloured, moderately silicified dyke. Contact zones are narrow bands of light-medium grey gouge at ~80° to core axis. Core rock is blocky and locally shattered,. Oxides noted at fracture surfaces. Fracture density increased moving downhole at 21.87m.
															FX	40-60		7									
																				tw?				Mn	?		Dark grey oxides noted on fracture surfaces possible manganese staining(?). Oxidized pits also noted - weathered pyrite grains(?).
24.38	25.02	0.64				GRD	GY		m										ms	ms							Phyllic Granodiorite; Similar to 15.04-17.49m. Strongly phyllic altered granodiorite, weakly competent core rock with patchy clay zones. Strongly mineralized, dominantly pyrite.
25.02	27.35	2.33				GRD	WHGN		m			tw	arg	m	FX	45		2									Phyllic Granodiorite; Similar to 15.04-17.49m. Bleached white/pale green phyllic granodiorite. Fairly competent core rock with localized strong oxidation on fracture surfaces. Finely disseminated pyrite noted throughout this interval.
								DI											w	w							
27.35	30.32	2.97				GRD	DKGN		tw				pro	s													Propylitic Granodiorite; Weakly dappled texture dark green propylitic granodiorite with patchy zones of weak-moderate argillic alteration. Competent core rock.
													arg	t													
								EN	w						VT	60-70	<0.5	4						Cb			Low-weak veining density, often narrow carbonate veinlets with weak-moderate phyllic envelopes.
								DI											t	t							Rare-trace fine disseminated pyrite in matrix
			28.12	28.69	0.57		PKGN						pot	?													Patch of weak potassic alteration(?)

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			30.12	30.32	0.20		GYGN								C	35											Contact altered zone to dyke downhole
30.32	32.85	2.53				MAF	DKGY	PO				w	pro	w	DY	35											Mafic Dyke; Dark green grey, weakly porphyritic dyke. Blocky, shattered core rock with minor oxidation noted on fracture surfaces. Rare mineralization.
															FX	40-70											
			30.32	31.12	0.80																						Finer grained contact zone
32.85	33.27	0.42				GRD	MDGY								C?												Contact Zone; Finer grained contact zone between mafic dyke and granodiorite downhole.
33.27	41.20	7.93				GRD	LTGN	MO	m			tw	pro	tw	FX	60		2									Phyllic Granodiorite; Similar to 15.04-17.49m. Moderate-strong phyllic granodiorite with propylitic patches. Fairly competent core rock with localized zones of strongly weathered rubble.
								CR							VT		<1							Cb			Intense veining density gives core a cracked texture with dominant orientation at low-moderate angles (~10-50°) to core axis, infilled by quartz-carbonate.
																								To	?		Trace sulphide mineralization. Possible tourmaline noted.
			33.27	34.54	1.27		ORTN	BK	m			w			FX											Blocky interval with increased oxidation
			37.06	39.15	2.09		TNGN	VU							VT									Cb			Interval of increased fractures/veinlet infill - weak stockwork texture. Slightly vuggy. No change in mineralization.
			39.15	39.76	0.61		ORTN	BK	m			w															Strongly weathered zone of rubble and clay
41.20	43.64	2.44				GRD	DKGN		tw				pro	s													Propylitic Granodiorite; Similar to 27.35-30.32m. Dappled dark green propylitic granodiorite with localized patches of weak-moderate phyllic alteration. Rare sulphides
																			t								
			42.68	43.35	0.67		MDGN		w						VN	35	2.0	2									Two diffused grey quartz veins
43.64	44.96	1.32				MAF	DKGY	PO					pro	w	DY	40											Mafic Dyke; Similar to 30.32-32.85m. Dark grey-green weakly porphyritic mafic dyke. Slightly blocky core with one low angle fracture running the entire interval. Trace pyrite with possible hematite carried in carbonate veinlet.
																			t	t				He	?		

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
44.96	47.33	2.37				GRD	GNGY		t				pro	w										He	t		Weakly Altered Granodiorite; Weakly propylitic and phyllic altered granodiorite with localized argillic. Low veining density in fairly competent core rock. Rare sulphide mineralization. Trace hematite noted on fracture surfaces.
47.33	56.22	8.89				MAF	DKGY	PO					pro	w	DY												Mafic Dyke; Similar to 30.32-32.85m. Dark green-grey, weakly porphyritic mafic dyke. Upper contact at ~70° while lower contact at <10° to core axis. Competent core rock with minor hematite coating fracture surfaces. Trace pyrite noted.
																			tw	t				He	tw		
56.22	75.08	18.86				GRD	GY		w				pro	tw	FX	35-60		3									Granodiorite; Mixed interval varying betweer unaltered to weakly propylitic granodiorite with localized phyllic zones associated with veining structures. Fairly competent core rock with minor fracturing.
							GN								VT	40		2						Ch?			Low veining density; two styles noted. Dark green narrow veinlets and white carbonate veinlets.
							WH								VT	50		3						Cb			
																			tw	tw		t	t				Trace mineralization, generally associated with phyllic and vein zones. Pyrite and rare sphalerite and galena noted.
			56.56	56.71	0.15		DKGN	EN					pro	s													Propylitic envelope around a quartz vein bearing polymetallic sulphides.
							GYWH								VT	75	0.7		tw	tw		tw	t				
			58.24	58.71	0.47		PKGN		w				arg	w													Phyllic and argillic altered zone. No increase in sulphides.
			60.92	61.13	0.21		DKGN	EN					pro	s													Similar to 56.56-56.71m. Propylitic envelope to sulphide bearing veinlet.
							WHGY								VT	80	0.7		w	tw		tw	t				
			61.88	62.30	0.42		PKGN		w				arg	tw													Phyllic and argillic altered zone
			63.84	64.00	0.16		LTGN	EN?	f																		Phyllic altered zone.
			65.34	65.84	0.50		GN	EN	f				pro	s						tw							Zoned phyllic and propylitic envelopes around two quartz-carbonate veinlets bearing polymetallic sulphides.
							BFWH								VT	70	0.5	2	w	tw	t?	tw	t				
			67.89	68.36	0.47		GYGN	EN	f		tw																Phyllic envelope surrounding diffused quartz carbonate veinlet bearing trace pyrite.
							BFWH								VT	80	<1		tw	tw							
			69.85	70.13	0.28		GYGN	EN	f																		Phyllic zone surrounding one quartz-carbonate veinlet and one polymetallic sulphide veinlet.
							GYWH								VT	75	<0.3	2	w	tw	t?	tw					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			72.41	72.99	0.58		LTGN	EN	f				pro	tw													Phyllic envelope to three veinlets; two multi-staged quartz-carbonate and one polymetallic veinlets.
							GY								VT	75	<1	3	tw	tw	t?		t?				
75.08	82.76	7.68				GRD	YWGN		m				pro	tw	FX	40-60											Phyllic Granodiorite; Fair-moderately phyllic altered granodiorite with patchy zones of weak propylitic and argillic, generally forming vein envelopes. Moderately competent core.
													arg	tw													
															VT	60-80	<3	5									Fair veining density, dominantly quartz-carbonate veinlets. Banded polymetallic quartz veins also noted.
																			w	tw	t	tw	t				Finely disseminated pyrite noted throughout the interval. Polymetallic quartz veins also present.
			77.16	77.26	0.10	VEN	MT	BN							VN	73			i	s	w	m	tw				Banded quartz-carbonate vein carrying sulphides.
			77.26	77.62	0.36	POR	BFGY				s		arg	tw?	DY	75											Quartz-feldspar porphyry dyke - no mineralization.
			78.72	79.03	0.31		WHGY						arg	m													Argillic zone.
			79.38	79.49	0.11	VEN	MT	BN			50				VN	70			i	m	t?	s					Polymetallic sulphides in quartz-carbonate vein
			80.49	80.61	0.12		LTGY						arg	s	GO	40				t							Grey granular gouge - trace pyrite
			80.96	81.05	0.09	VEN	MT	BN			s				VN	65			i	s	tw	w	t				Banded polymetallic sulphide bearing quartz vein.
			81.61	82.20	0.59	VEN	MT				s								i	i	w	tw	tw				Diffused quartz vein/zone of silicification with sulphide bands. Minor zone of dark grey breccia also noted.
82.76	140.97	58.21				GRD	GY		t				pro	tw	FX	15-70		3									Granodiorite; Similar to 56.22-75.08m. Granodiorite varying between unaltered to weakly propylitic altered with localized phyllic zones, generally associated with veining structures. Minor fracturing at low-moderate angles (~15-70°) to core axis.
							BFWH								VT	40-60	<0.7	2						Cb			Low veining density, dominantly quartz-carbonate veinlets. Narrow dark green (chloritic?) veinlets also noted.
							DKGN								VT	40-60	<0.5	1						Ch?			
																			t	t				He	?		Rare-trace sulphides - mainly associated with veining and phyllic zones.
			83.74	85.16	1.42		LTGN	EN	tw																		Three minor phyllic zones with associated quartz carbonate veinlets. Very slight increase in sulphides.
							BFGY								VT	65	<0.3	3	t								
			88.71	89.13	0.42		LTGN	EN	w						VT	75	<1	2									Phyllic zone with two diffused quartz-carbonate veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			96.46	98.12	1.66								arg	tw	FX	15		3									Stacked low angle fracturing - granular gouge on surfaces.
			98.40	98.96	0.56		GYGN		w																		Phyllic zone around quartz vein at 98.82m bearing polymetallic sulphides.
						VEN	WH/MT				s				VN	80	5.0		s	ms	tw	f	t				
			106.41	106.86	0.45		WHGY						arg	tw	FX	20		1									Low angle fracture along carbonate veinlet - argillic envelopes.
			112.36	113.36	1.00		LTGN	EN	w				pro	w													Phyllic zone with localized zones of propylitic alteration. Diffused quartz-carbonate vein with banded sulphides noted at 113.21m.
						VEN	WH/MT	BN			ms				VN	65	3.5		m	f	tw	tw					
			119.11	119.63	0.52		LTGN	EN	w																		Phyllic envelope to quartz vein at 119.29m bearing polymetallic sulphides, dominantly pyrite.
						VEN	MT	BN							VN	60	8.5		m	f		tw					
			123.26	125.57	2.31		PKWH						arg	m													Bleached pink-grey interval - moderate argillic with possible potassic overprint(?). Minor phyllic zone at 123.91-124.26m around a ~1cm wide carbonate vein.
													pot	?													
			128.26	128.43	0.17		GYGN	EN	w				pot	?													Phyllic envelope to banded quartz-carbonate veinlet. No change to sulphide content.
							BFWH	BN							VT	55	0.7										
			135.35	135.53	0.18		LTGY						arg	m	FX	40		3									Bleached zone surrounding stacked fractures
140.97	161.55	20.58				GRD	GYGN		m		tw		arg	w	FX	45-60		3									Phyllic Granodiorite; Similar to 75.08-82.76m. Moderate=strongly phyllic altered granodiorite with minor patches of argillic (with possible potassic?) alteration. Fairly competent core rock with minor fracturing.
													pot	?													
													pro	t													
							BF								VT	70-80	<0.5	4									Weak-moderate veining density, dominantly narrow and irregular quartz-carbonate veinlets. Diffused grey quartz veinlets also present, occasionally carrying sulphides.
							GYWH								VT	80-85	<1.5	2									
																			w	tw		t					Low-weak sulphides, generally associated with veining structures. Fine disseminated grains also noted.
			141.87	141.97	0.10	VEN	BFWH	BN							VN	85			w	tw		tw	t				Banded quartz-carbonate veinlet with minor gouge and sulphides.
			142.51	142.65	0.14	FLT?									GO	45											Possible fault zone(?). Core rock comprised of clay.
			147.37	148.07	0.70		GNGY				w		pro	tw	VT?	50	<2	5?	f	w		tw					Weakly silica flooded interval/multiple diffused veinlets. Slight increase in disseminated sulphides in matrix.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			152.42	152.99	0.57	VEN	GY/MT	BX							VT?	<10								Cb			Very irregular/low angled carbonate veinlet with contact to a sulphidic gouge dominantly with pyrite.
															GO	<10			s	s	t?						
			153.15	153.38	0.23	VEN	PKBF	VU							VN	65											Pink buff coloured vuggy carbonate vein. Minor sulphides - mostly pyrite.
																			tw	tw							
			156.10	158.39	2.29				t				pro	m					w	w							Interval of increased propylitic and decreased phyllic alteration, possible weak-moderate potassic present Gradational decrease of propylitic at 157.96-158.39m.
			159.02	159.66	0.64								pro	m	FX	50											Minor interval of crumbled core rock with weak propylitic and argillic appearance.
													arg	f													
			160.72	160.90	0.18		GYGN	EN	m		f																Silica flooded interval with diffused quartz vein at 166.82m bearing mainly sphalerite and pyrite.
						VEN	GY/MT								VT	75	6.0		ms	f		f					
161.55	165.17	3.62				GRD	GNGY		w				pro	t													Altered Granodiorite; Varying zones of unaltered and weakly phyllic and potassic altered granodiorite. Low fracture density. Low-weak veining, generally narrow quartz-carbonate veinlets. Low sulphide content.
															VT	60-70	<0.1	2									
																			tw	tw							
165.17	220.66	55.49				GRD	LTGN		m		w				FX	50		2									Phyllic Granodiorite; Similar to 140.97-161.55m. Moderate-strongly phyllic altered granodiorite with localized zones of silica flooding. Minor fracturing.
															VT	65-75	<5	2	f	w		tw					moderate veining density, with quartz-carbonate veins bearing sulphides.
																											Sulphides mainly carried in quartz veins, but finely disseminated grains are noted in the matrix.
			166.73	166.80	0.07	VEN	MT			70					VN	75			i	s		m					Sulphide bearing quartz vein
			167.26	167.40	0.14	VEN	GY/MT			60					VN	70			i	ms		ms					Weakly diffused quartz vein bearing polymetallic sulphides.
			168.37	168.53	0.16	VEN	GY/MT	BN		i					VN	60			s	ms	t?	t					Quartz-carbonate vein bearing dominantly pyrite
			168.87	169.33	0.46		GY																				Interval of decreased alteration
			170.74	170.81	0.07	VEN	GY/MT			60					VN	55			ms	m	w	ye					Quartz vein carrying polymetallic sulphides
			174.11	174.19	0.08	VEN	GY			80					VN	50			m	m	t?						Diffused vein/silica flooding with carbonate band and disseminated sulphide grains.
			175.54	175.65	0.11	VEN	GY/MT								VN	60			m	m	t?						Quartz vein bearing dominantly pyrite

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			175.65	177.60	1.95	FLT?	LTGY	BX					arg	s	GO	~30											Interval of strong clay alteration - possible fault(?). Core rock is weakly brecciated with clay infill. Crushed sulphidic grey quartz veins present.
															VT	40			m	m			t?				
			178.61	181.24	2.63		GY/GN		m		m																Interval with silica flooding and numerous irregular grey and dark grey quartz veins, often bearing sulphides.
							DKGY	BX							VT	45-65	<4	3	m	f	tw	w					
			184.12	184.18	0.06	VEN	GY/MT				s				VN	45			f	f	t?						Dark grey quartz-carbonate vein with sulphides
			184.86	184.90	0.04	VEN	GY				80				VN	70			f	f	tw						Quartz vein bearing stringer sulphides
			187.06	187.23	0.17	VEN	GY/MT				i				VN	55-60		2									two quartz-carbonate veins carrying polymetallic sulphides.
			188.18	188.45	0.27		PK.GN						arg	s													Argillic altered interval.
			188.74	189.12	0.38		LTGN		m		ms				VT	50-65	<1.5	4?									Silica flooded zone with several sulphide veinlets.
			189.12	196.37	7.25								arg	s													This interval contains patchy zones of strong argillic alteration, often with strong propylitic at boundaries. "Contacts" generally at ~20-35° to core axis.
													pro	ms													
			193.19	193.31	0.12	VEN	GY	BN			85				VN	75			w	w	t	tw					Light grey quartz vein with discontinuous sulphide stringers.
			197.35	197.69	0.34	VEN	GY/MT				60				VN	65-80	<3	1	m	w		w					two grey quartz-carbonate veins noted, sulphides a contacts.
			197.86	199.77	1.91	FLT?	LTGN	BX	m				arg	w	GO	50			tw	tw				He	t		Possible fault(?). Core rock is brecciated with clay infilling fractures. Dark grey, pyritic gougey bands present.
			200.27	200.55	0.28	VEN	BFWH	VU							VN	45								Cb			Mixed, brecciated carbonate vein, slightly vuggy
			200.75	200.82	0.07		LTGN								GO	60											Granular gouge "vein". Trace-weak sulphides
			203.51	204.08	0.57		PKGN						pro	w													Propylitic and potassic altered interval
													pot	tw													
			205.32	206.30	0.98	FLT?	LTGN		m				arg	w	GO	50											Possible fault(?). Coherent granular clay. Minor dark sulphidic bands noted.
			207.76	208.31	0.55		GNGY		m		ms		arg	f	VN?	55			tw								Moderate silica flooded interval with zones o granular clay. Trace-weak sulphides.
			211.63	211.75	0.12	VEN	BFWH	VU																			Vuggy, discontinuous, irregular carbonate vein
			213.81	214.95	1.14	VEN?	GY/MT				ms				VN?	55			i	s	w		t				Silica flooded interval with zones of granular clay. Trace-weak sulphides.
			215.75	215.90	0.15	VEN	GY/MT	BN			ms				VN	65	<3	2	f	w	tw						Two diffused quartz-carbonate veins with sulphides.
			217.66	218.07	0.41		DKGN				m		pro	f	VN?	70			f	w	w						Silica flooded interval with disseminated and stringe sulphides.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
220.66	226.17	5.51				GRD	PKWH		w				arg	ms	FX			6									Argillic Granodiorite; Bleached, white and pink moderate-strongly argillic granodiorite with localized zones of phyllic. Core rock is somewhat competent but contains numerous low angled fractures. Low veining density, mainly carbonate veinlets noted. fine disseminated pyrite noted in matrix, associated with more phyllic zones.
													pro	w													
															VT	<10	<0.2	1									
								DI											tw	tw							
			221.43	221.57	0.14	VEN	LTGN								VT	25	~1		w	w							Sulphide bearing grey quartz veinlet
226.17	237.29	11.12				GRD	LTGN		m				arg	tw													Phyllic Granodiorite; Similar to 165.17-220.66m. Moderate phyllic altered granodiorite with localized zones of weak-moderate argillic and patchy silica flooding.
															VT	45-60	<5	2									Moderate veining density. Quartz-carbonate veins with sulphides.
																			tw								Disseminated pyrite present, but sulphides mostly associated with veining structures.
			226.17	226.61	0.44	VEN	GN				f				VT	60-70	<3	4?	w	w			tw				Quartz-carbonate veins bearing sulphides in silicified zone.
			227.08	227.28	0.20	VEN	WH/MT				m				VT	80	<1	2	f	w	t?						Several quartz-carbonate veinlets with sulphides
			227.55	227.69	0.14	POR?	BFBN								DY?	50											Possible porphyritic dyke(?)
			228.00	228.19	0.19		LTGN								VT				f	w		w					Dark grey quartz veinlets with sulphides
			229.76	230.34	0.58		PKWH						arg	m													Argillic zone.
			230.57	230.70	0.13	VEN	GY/MT	BN			80				VN	60			f	w	tw						Grey quartz-carbonate veins with sulphide bands.
			233.28	233.32	0.04	VEN	WH/MT	BN			s				VN	80			tw	t	tw						Diffused quartz vein with carbonate band and sulphides.
			235.08	236.99	1.91				tw				pro	w													Decreased phyllic and increased propylitic alteration.
			237.25	237.29	0.04		GY	BN							VN?	45											Contact to dyke downhole. Weakly brecciated "bands".
237.29	252.28	14.99				POR	BFTN	PO	t				pro	t	DY	45											Porphyritic Dyke; Buff-tan coloured porphyritic dyke with quartz and feldspar phenocrysts (<1cm). Very weakly propylitic and phyllic altered. Irregular carbonate wisps noted throughout moderately competent core rock. No significant sulphides noted.
															FX	40-60											
															VT		<0.5	5						Cb			
																			t								
			250.72	251.21	0.49	VEN	GY/MT	BX			75				VN	~80			ms	m	tw	tw					Grey quartz "vein"/silicified granodiorite fragment with sulphides. Granular gouge on contacts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															GO												
252.28	262.84	10.56				GRD	LTGN		m				arg	f	FX	40-50		2									Phyllic Granodiorite; Moderate-strong phyllic and argillic altered granodiorite with zones of propylitic alteration. Competent core rock with low fracture density.
													pro	tw													
															VT	50-85	<1.5	3	tw								Low-moderate vein density - quartz-carbonate veinlets with sulphides.
								DI											f	w	t						Fine disseminated pyrite throughout the matrix
			252.28	252.51	0.23		GYGN	BX							C				f	f	t						Mixed contact zone - weakly brecciated, sub rounded clasts.
			254.78	255.45	0.67		MDGN		tw				pro	w													Interval of decreased phyllic alteration
			256.75	257.82	1.07		MDGN		tw				pro	w													Interval of decreased phyllic alteration
			259.96	260.13	0.17	VEN	GY				ms				VN	~80	<2	2	ms	m							Diffused quartz vein/silica flooding carrying sulphides.
			260.32	260.86	0.54		PKWH						arg	m													Argillic altered zone.
			261.07	261.36	0.29	VEN	GY/MT				s		pro	f	VN	70-80	<3	2?	i	ms	w	tw					Silicified zone with two(?) veins with semi-massive sulphides.
			261.69	262.84	1.15		PKWH						arg	m													Argillic altered zone.
262.84	269.49	6.65				GRD	GYGN		t				pro	tw	FX	35-60		2									Weakly Altered Granodiorite; dominantly propylitic granodiorite with rare zones of phyllic. Low veining density in competent core rock. No significant sulphides noted.
															VT	50-70	<1	1						Cb			
																			t								
			264.44	264.81	0.37		MDGN						arg	f													Weakly argillic altered interval - associated with a fracture.
			265.50	266.14	0.64		MDGN	DI	w										w								Phyllic zone with disseminated pyrite.
			268.20	268.58	0.38		LTGN	EN	f		m																Phyllic envelope surrounding silica flooding/quartz vein with sulphides. Vein @ 268.36-268.41m
			268.36	268.41	0.05	VEN	GY/MT								VN	80	~1.5		f	f		tw					
269.49	280.31	10.82				GRD	LTGN		m				arg	m	FX	40-60		3									Phyllic Granodiorite; Similar to 252.28-262.84m. Moderate-strong phyllic granodiorite with propylitic and argillic patches in competent core rock.
													pro	tw													
															VT	50-80	<2	3									Weak vein density - narrow quartz-carbonate veinlets noted.
								DI							VT				f	f							Sulphides noted throughout matrix as fine dissemination as well as carried in vein structures.
			269.98	270.65	0.67		PKWH						arg	w													Argillic altered interval.
			270.94	271.08	0.14	VEN	GY/MT				s				VN	85	~2		i	ms		ms					Grey quartz vein with semi-massive sulphides

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			271.42	271.53	0.11	VEN	MT				i				VN	80			i	i		t					Grey quartz vein with sulphide bands. Gouge at contacts.
			273.95	274.20	0.25		PKWH						arg	m													Argillic altered interval.
			275.97	276.02	0.05	VEN	GY/MT	GN							VN				f	f	t?						banded quartz-carbonate vein with sulphide stringers.
			276.42	279.35	2.93		MDGN		t				pro	w	FX												Interval of decreased phyllic alteration with a patch of argillic at 277.53-278.12m - increased fracturing.
													arg	f													
			280.10	280.31	0.21	VEN	GY/MT				i				VN				ms	ms	tw	t					Contact to dyke downhole. Grey quartz vein carrying dominantly pyrite.
280.31	286.28	5.97				POR	BFTN	PO	t				pro	t	DY	70											Porphyry Dyke; Buff-tan quartz-feldspar porphyritic dyke, similar to 237.29-252.28m. No significant sulphides.
291.85						GRD	LTGN		m				pro	w	FX	60		3									Phyllic Granodiorite; moderate phyllic granodiorite with zones of weak-moderate propylitic alteration. Fairly competent core rock with localized fracturing.
															VT	65	<5	2									Low-moderate vein density - quartz veins, often carrying sulphides.
																			w	tw							Pyrite commonly noted in veins - also occurs as disseminations.
			293.60	293.69	0.09	VEN	GY/MT	BN			i				VN	70			i	i	t?						Quartz-carbonate vein with semi-massive sulphides.
			296.60	296.71	0.11	VEN	GY/MT				s				VN	65			45	35	t	f					Quartz-carbonate vein with massive sulphides
			299.75	299.89	0.14		LTGN		w		ms																Phyllic and silicified zone with multiple sulphide stringers.
						VEN	GY/MT	BN							VN	75	<3	3	s	ms	f	tw					
			300.75	301.05	0.30		LTGN	EN	w																		Silicified zone with phyllic envelopes. Two(?) quartz veins carrying sulphides.
						VEN	GY/MT				m				VN	60	<5	2?	ms	ms	t						
			301.51	306.90	5.39		DKGY		t				pro	m													Interval of propylitic with trace phyllic.
			302.32	303.68	1.36		LTGN	EN	f		w		arg	w					tw								At 302.35m, phyllic zone with narrow quartz veinlets. Fine disseminated sulphides noted in the matrix.
							DKGN								VT	65	<0.3		tw								
			304.28	304.97	0.69		BFWH						arg	m													At 304.28m, argillic zone.
			306.90	308.77	1.87			BK							FX	30-60		7									Strongly fractured blocky zone. Clay gouge on surfaces.
			308.77	308.97	0.20	VEN	GY/MT				s				VN	85			ms	f	tw	f	tw				Grey quartz vein with polymetallic sulphides bands. Fine granular gouge at contacts.
			309.90	309.98	0.08	VEN	GY/MT				75				VN	65			i	s	t?						Grey quartz vein with sulphides
			310.85	310.90	0.05	VEN?	LTGY				80				VN?	80	~0.7		f	w	t?	tw					Silica flooding/diffused quartz vein with sulphide bands.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			312.03	312.07	0.04	VEN	MT				ms				VT	85	~0.7		ms	ms	t?						Silica flooding/diffused quartz vein with sulphide bands.
			312.37	312.38	0.01	APL	RDBN								DY	70											Dar red-brown aplite dyke
312.39	354.11	41.72				GRD	DKGY		tw				pro	w	FX	45-60		2						He	w		Granodiorite; Mixed granodiorite zone, dominantly a weakly propylitic and trace potassic(?) and weak hematite granodiorite. Patchy zones of phyllic present, mainly associated to vein structures. Low fracture density.
													pot	?													
															VT	25-50	<0.5	3						Cb			Weak-moderate vein density, most commonly quartz-carbonate veinlets. Grey quartz veins also noted, often carrying sulphides.
															VN	70-80	<5	1	tw								
																			tw	tw							Low sulphide mineralization - disseminated pyrite noted, generally seen in phyllic zones.
			314.46	314.85	0.39		LTGN	EN	m				pro	f					tw								Phyllic envelope to several banded quartz-carbonate veinlets. Very slight increase in disseminated sulphides.
							GYWH	BN							VT	60	<1.5	3									
			319.74	319.91	0.17		DKGN	EN	w				pro	m					f	f							Phyllic and propylitic zone around a dark grey veinlet. Increased disseminated sulphides.
							DKGY	BN			m				VT	50			w	w	t?			Cp	?		
			320.02	320.54	0.52		LTGN		m				arg	tw?													Phyllic and argillic zone with three red-brown aplite dykes noted. No change in sulphide content.
						APL	RDGN								DY	50-65	<3	3									
			320.72	322.74	2.02		GYGN		m				arg	tw													Phyllic and argillic altered zone with banded quartz-carbonate veinlets - no change in sulphide content.
							BFWH								VT	80	<1	2									
			324.86	325.03	0.17		LTGN		f		m				VN?	75	~2		tw	tw							Phyllic zone with silica flooding/diffused quartz vein.
			329.14	329.79	0.65		GN		f				pro	w					w								Moderately altered interval with white-grey quartz veins. Slight increase in sulphide content.
													arg	tw													
							WH								VT	65	<1.5	2	tw	tw							
			331.59	332.15	0.56		PKWH						arg	m													Pink-white argillic (and potassic?) altered zone
													pot	w													
			333.72	334.37	0.65		PKWH						arg	m	FX												Bleached pink-white argillic altered zone - crumbled core.
			335.43	335.93	0.50		LTGN	EN	m										w								Phyllic envelope zone surrounding a banded multi stage quartz-carbonate vein with sulphides.
			335.60	335.68	0.08	VEN	GY/MT	BN			m				VN	80			w	w							
			339.78	340.29	0.51		LTGN		f																		Phyllic altered interval - no change in sulphide content.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			341.19	342.52	1.33		PKGY	EN?	m				pot	w														Phyllic and potassic altered interval
			342.12	342.24	0.12	VEN	GYGN				s				VN	70	~2.5		m	tw		m					At 342.12m, diffused grey quartz vein with sulphides.
			342.91	343.49	0.58		PKGY		m				pot	w													Phyllic and potassic altered interval
			345.17	345.32	0.15		YWGN	EN	m																		Phyllic envelope to banded quartz-carbonate vein · trace sulphides.
						VEN	GYGN								VN	85	~1										
			346.12	346.65	0.53		YWGN	EN	m				pot	?													Phyllic envelope to banded quartz-carbonate veir with sulphides at 346.23-346.39m. Grey gouge at contacts.
			346.23	346.39	0.16	VEN	GY/MT	BN			m				VN	70			w	w	t?						
			347.89	348.16	0.27		LTGN	EN	m										f	f							Phyllic envelop to banded quartz-carbonate vein a 348.01-348.06m with sulphides.
			348.01	348.06	0.05	VEN	GY/MT	BN			m				VN	80			m	f	t?	f					
			348.68	350.70	2.02		MDGY																				Unaltered granodiorite
			351.00	351.62	0.62		LTGN		m						FX	50		3	tw	tw							Phyllic altered interval - slightly blocky core - minor sulphides.
			352.69	353.87	1.18		LTGN	EN	m				pot	?					w	w							Phyllic envelope (and potassic?) and diffused quartz vein at 352.91-352.96m with discontinuous sulphide stringers.
			352.91	352.96	0.05	VEN	GY/MT				m				VN	85			w	w	t?	t					
354.11	358.70	4.59				MAF	DKGY								DY	50											Mafic Dyke; Fine grained mafic dyke. Slightly blocky core rock with increasing white carbonate veinlets moving downhole. Trace disseminated pyrite with minor hematite on fracture surfaces.
															FX	30-60		3									
															VT	20-40	<0.7	5									
																			t	t				He	t?		
358.70	364.85	6.15				GRD	GYGN		m				arg	w	FX	50		2									Mixed Granodiorite; Similar to 312.39-354.11m. Mixed granodiorite interval with dominantly moderate phyllic altered granodiorite with minor patches of argillic. Nearly unaltered granodiorite noted at upper and lower contacts. Competent core rock with minor fracturing and moderate veining density. no significant sulphide mineralization noted.
													pro	w													
															VT	40-60	<2	3									
																			t								
			358.70	360.18	1.48		GY																				Unaltered granodiorite
			360.18	360.69	0.51		LTGN	EN?	m																		Phyllic envelope to three quartz-carbonate veinlets. Trace sulphides.
							WHGY	BN							VT	50-70	<2	3	tw								
			362.09	362.94	0.85		PKWH						arg	m													Argillic altered interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								DETAILED DESCRIPTION
													Other												Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			363.07	364.07	1.00		LTGN	EN?																			Phyllic envelope to four quartz-carbonate veinlets. Slight increase in sulphides.
							BFWH	BN							VT	35-75	<3	4	w	tw							
			364.07	364.85	0.78		GY						pot	?													Slightly pink (potassic?) altered zone
																											EOH @ 364.85m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOTECHNICAL LOG

HOLE: KL-11-61

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.93	3.93		0		0		EW		Overburden
3.93	5.18	1.25	1.25	100	0.77	62	S	HW		
5.18	8.23	3.05	3.14	103	1.64	54	MS	HW		
8.23	11.28	3.05	2.94	96	1.99	65	MS	MW		
11.28	14.33	3.05	3.03	99	2.03	67	MS	SW		
14.33	17.37	3.04	3.09	102	0.86	28	MS	SW		
17.37	20.42	3.05	3.02	99	1.09	36	MS	SW		
20.42	23.47	3.05	2.65	87	0.33	11	S	MW		
23.47	26.52	3.05	2.89	95	0.89	29	S	MW		
26.52	29.57	3.05	2.99	98	2.64	87	S	SW		
29.57	32.61	3.04	3.05	100	0.87	29	S	SW		
32.61	35.66	3.05	2.93	96	0.92	30	S	SW		
35.66	38.71	3.05	2.92	96	1.01	33	S	MW		
38.71	41.76	3.05	3.00	98	1.06	35	S	SW		
41.76	44.81	3.05	3.07	101	1.79	59	VS	SW		
44.81	47.83	3.02	2.97	98	1.34	44	VS	SW		
47.83	50.90	3.07	3.01	98	1.47	48	VS	SW		
50.90	53.95	3.05	3.00	98	1.69	55	VS	FR		
53.95	57.00	3.05	3.04	100	1.84	60	VS	FR		
57.00	60.04	3.04	2.96	97	1.76	58	VS	FR		
60.04	63.09	3.05	2.92	96	1.93	63	VS	FR		
63.09	65.38	2.29	2.22	97	1.94	85	VS	FR		
65.38	66.14	0.76	0.37	49	0.72	95	VS	FR		
66.14	69.19	3.05	2.80	92	1.55	51	VS	FR		
69.19	70.14	0.95	1.30	137	0.79	83	VS	FR		
70.14	72.24	2.10	2.01	96	1.52	72	VS	FR		
72.24	75.29	3.05	3.05	100	2.66	87	VS	FR		
75.29	78.33	3.04	2.93	96	2.04	67	MS	FR		
78.33	81.38	3.05	3.04	100	2.24	73	MS	FR		
81.38	84.43	3.05	3.04	100	2.62	86	MS	FR		
84.43	87.48	3.05	2.92	96	1.99	65	VS	FR		
87.48	90.53	3.05	3.05	100	0.94	31	VS	FR		
90.53	93.57	3.04	2.92	96	1.17	38	VS	FR		
93.57	96.62	3.05	2.96	97	2.01	66	W	FR		
96.62	99.67	3.05	3.00	98	1.20	39	VS	FR		
99.67	102.72	3.05	3.08	101	1.74	57	VS	FR		
102.72	105.77	3.05	3.00	98	2.36	77	VS	FR		
105.77	108.81	3.04	3.02	99	1.93	63	VS	FR		
108.81	111.86	3.05	3.08	101	2.53	83	MS	FR		
111.86	114.91	3.05	2.95	97	1.51	50	MS	FR		
114.91	117.96	3.05	2.94	96	1.03	34	MS	FR		
117.96	121.01	3.05	2.84	93	1.09	36	MS	FR		
121.01	124.05	3.04	2.95	97	1.66	55	MS	FR		
124.05	127.10	3.05	3.03	99	2.52	83	VS	FR		
127.10	130.15	3.05	3.12	102	2.31	76	VS	FR		
130.15	133.20	3.05	3.02	99	1.87	61	VS	FR		
133.20	136.25	3.05	2.94	96	1.82	60	VS	FR		
136.25	139.29	3.04	2.97	98	1.67	55	S	FR		
139.29	142.34	3.05	3.09	101	1.03	34	S	FR		
142.34	145.39	3.05	2.84	93	1.83	60	MS	FR		
145.39	148.44	3.05	3.05	100	2.04	67	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
148.44	151.49	3.05	3.06	100	1.47	48	MS	FR		
151.49	154.53	3.04	3.01	99	2.37	78	MS	FR		
154.53	157.58	3.05	3.03	99	2.29	75	MS	FR		
157.58	160.63	3.05	3.06	100	1.71	56	MS	FR		
160.63	163.68	3.05	3.03	99	2.52	83	S	FR		
163.68	166.74	3.06	2.91	95	2.54	83	S	FR		
166.74	169.77	3.03	3.09	102	1.89	62	S	FR		
169.77	172.82	3.05	3.08	101	2.48	81	W	FR		
172.82	175.87	3.05	3.06	100	2.26	74	MS	FR		
175.87	178.92	3.05	2.97	97	0.85	28	MS	FR		
178.92	181.97	3.05	3.01	99	2.31	76	MS	FR		
181.97	185.01	3.04	2.86	94	2.02	66	W	FR		
185.01	188.06	3.05	2.87	94	0.94	31	MS	FR		
188.06	191.11	3.05	2.90	95	1.75	57	MS	FR		
191.11	194.16	3.05	3.04	100	1.43	47	MS	FR		
194.16	197.21	3.05	2.99	98	0.88	29	MS	FR		
197.21	200.25	3.04	2.97	98	1.65	54	MS	FR		
200.25	203.30	3.05	3.06	100	1.78	58	MS	FR		
203.30	206.35	3.05	2.95	97	2.55	84	MS	FR		
206.35	209.40	3.05	3.04	100	0.91	30	MS	FR		
209.40	212.45	3.05	2.95	97	1.11	36	MS	FR		
212.45	215.49	3.04	3.02	99	1.29	42	MS	FR		
215.49	218.54	3.05	2.89	95	0.93	30	MS	FR		
218.54	221.59	3.05	3.04	100	1.26	41	MS	FR		
221.59	224.64	3.05	2.83	93	0.29	10	MS	FR		
224.64	227.68	3.04	2.80	92	1.20	39	MS	FR		
227.68	230.73	3.05	3.03	99	0.97	32	MS	FR		
230.73	233.78	3.05	3.02	99	1.47	48	MS	FR		
233.78	236.83	3.05	3.02	99	2.03	67	MS	FR		
236.83	239.88	3.05	3.17	104	2.20	72	MS	FR		
239.88	242.93	3.05	3.12	102	2.08	68	MS	FR		
242.93	245.97	3.04	3.01	99	2.07	68	MS	FR		
245.97	249.02	3.05	2.88	94	2.18	71	MS	FR		
249.02	252.07	3.05	3.07	101	2.39	78	MS	FR		
252.07	255.12	3.05	3.04	100	1.88	62	S	FR		
255.12	258.17	3.05	3.01	99	1.80	59	S	FR		
258.17	261.21	3.04	3.02	99	2.73	90	S	FR		
261.21	264.26	3.05	3.02	99	2.45	80	S	FR		
264.26	267.31	3.05	2.96	97	1.85	61	S	FR		
267.31	270.36	3.05	2.98	98	2.02	66	S	FR		
270.36	273.40	3.04	2.98	98	1.77	58	MS	FR		
273.40	276.45	3.05	2.93	96	1.89	62	MS	FR		
276.45	279.50	3.05	2.92	96	1.41	46	MS	FR		
279.50	282.55	3.05	3.07	101	1.75	57	MS	FR		
282.55	285.60	3.05	3.03	99	2.25	74	MS	FR		
285.60	288.65	3.05	2.92	96	1.95	64	S	FR		
288.65	291.69	3.04	2.87	94	2.62	86	S	FR		
291.69	294.74	3.05	3.08	101	2.92	96	S	FR		
294.74	297.79	3.05	3.05	100	2.18	71	MS	FR		
297.79	300.84	3.05	3.09	101	2.17	71	MS	FR		
300.84	303.89	3.05	2.96	97	1.82	60	MS	FR		
303.89	306.93	3.04	3.01	99	1.01	33	MS	FR		
306.93	309.98	3.05	3.04	100	0.21	7	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
309.98	313.03	3.05	3.04	100	1.65	54	W	FR		
313.03	316.08	3.05	2.71	89	0.81	27	MS	FR		
316.08	319.13	3.05	2.97	97	1.19	39	MS	FR		
319.13	322.17	3.04	3.07	101	1.47	48	MS	FR		
322.17	325.22	3.05	2.90	95	1.76	58	MS	FR		
325.22	328.27	3.05	2.84	93	1.94	64	MS	FR		
328.27	331.32	3.05	3.04	100	2.29	75	MS	FR		
331.32	334.37	3.05	3.01	99	1.73	57	W	FR		
334.37	337.41	3.04	2.93	96	1.85	61	S	FR		
337.41	340.46	3.05	3.01	99	2.04	67	S	FR		
340.46	343.51	3.05	2.85	94	2.20	72	S	FR		
343.51	346.56	3.05	3.05	100	2.50	82	S	FR		
346.56	349.61	3.05	2.92	96	1.84	60	MS	FR		
349.61	352.65	3.04	3.05	100	2.27	75	MS	FR		
352.65	355.70	3.05	3.02	99	2.28	75	S	FR		
355.70	358.75	3.05	3.00	98	2.33	76	S	FR		
358.75	361.79	3.04	2.87	94	2.55	84	S	FR		
361.79	364.85	3.06	3.07	100	2.44	80	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-61

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.93	3.93			N/S						Overburden/Casing
3.93	5.63	1.70	1.72	101	K972813	1					
5.63	7.54	1.91	1.89	99	K972814	1					
7.54	9.70	2.16	2.15	100	K972815	1					
9.70	12.11	2.41	2.41	100	K972816	1					
12.11	15.04	2.93	2.90	99	K972817	1					
15.04	17.47	2.43	2.42	100	K972818	1					
					K972819	1					Blank
17.47	20.42	2.95	2.85	97	K972820	1					
20.42	21.89	1.47	1.14	78	K972821	1					
21.89	24.28	2.39	2.54	106	K972822	1					
24.28	25.02	0.74	0.57	77	K972823	1					"Sister Vein dyke"
					K972824	1					Blank
25.02	27.35	2.33	2.39	103	K972825	1					
27.35	30.32	2.97	2.83	95	K972826	1					
30.32	32.85	2.53	2.53	100	K972827	1					
32.85	35.54	2.69	2.41	90	K972828	1					
35.54	37.06	1.52	1.60	105	K972829	1					
					K972830	1					Standard: CDN-ME-16
37.06	39.15	2.09	2.02	97	K972831	1					
39.15	41.20	2.05	2.02	99	K972832	1					
41.20	43.64	2.44	2.50	102	K972833	1					
43.64	44.96	1.32	1.27	96	K972834	1					
44.96	47.33	2.37	2.26	95	K972835	1					
47.33	50.90	3.57	3.48	97	K972836	1					dyke
50.90	53.95	3.05	3.03	99	K972837	1					dyke
53.95	56.22	2.27	2.24	99	K972838	1					d
					K972839	1					Duplicate
56.22	58.71	2.49	2.48	100	K972840	1					
58.71	60.62	1.91	1.77	93	K972841	1					
60.62	63.09	2.47	2.47	100	K972842	1					
					K972843	1					Standard: CDN-ME-16
63.09	66.14	3.05	2.94	96	K972844	1					
66.14	69.19	3.05	2.78	91	K972845	1					
69.19	72.24	3.05	3.05	100	K972846	1					
72.24	75.08	2.84	2.84	100	K972847	1					
75.08	77.26	2.18	2.04	94	K972848	1					
77.26	79.03	1.77	1.76	99	K972849	2					
79.03	80.61	1.58	1.53	97	K972850	2					
80.61	81.67	1.06	1.01	95	K976001	2					
81.67	82.20	0.53	0.53	100	K976002	2					
					K976003	2					Blank
82.20	82.76	0.56	0.56	100	K976004	2					
82.76	85.16	2.40	2.44	102	K976005	2					
85.16	87.94	2.78	2.65	95	K976006	2					
87.94	90.53	2.59	2.57	99	K976007	2					
					K976008	2					Standard: CDN-ME16
90.53	93.57	3.04	3.03	100	K976009	2					
93.57	96.46	2.89	2.88	100	K976010	2					
96.46	98.40	1.94	1.84	95	K976011	2					
98.40	98.96	0.56	0.59	105	K976012	2					
98.96	101.15	2.19	2.18	100	K976013	2					
					K976014	2					Duplicate
0.00	104.18	104.18	3.01	3	K976015	2					
104.18	107.20	3.02	2.94	97	K976016	2					
107.20	110.21	3.01	3.02	100	K976017	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
110.21	112.36	2.15	2.11	98	K976018	2					
112.36	113.36	1.00	1.05	105	K976019	2					
113.36	116.42	3.06	2.85	93	K976020	2					
116.42	119.11	2.69	2.58	96	K976021	2					
119.11	119.63	0.52	0.54	104	K976022	2					
119.63	123.26	3.63	3.26	90	K976023	2					
123.26	125.57	2.31	2.23	97	K976024	2					
					K976025	2					Standard: CDN-ME-16
125.57	128.43	2.86	2.91	102	K976026	2					
128.43	131.30	2.87	2.83	99	K976027	2					
131.30	134.30	3.00	2.98	99	K976028	2					
134.30	137.36	3.06	3.03	99	K976029	2					
137.36	139.29	1.93	1.92	99	K976030	2					
139.29	140.97	1.68	1.72	102	K976031	2					
140.97	142.65	1.68	1.66	99	K976032	2					
					K976033	2					Blank
142.65	145.39	2.74	2.74	100	K976034	2					
145.39	148.44	3.05	3.02	99	K976035	3					
148.44	150.42	1.98	1.91	96	K976036	3					
150.42	150.99	0.57	0.57	100	K976037	3					
					K976038	3					Blank
150.99	153.00	2.01	1.85	92	K976039	3					
153.00	153.66	0.66	0.70	106	K976040	3					
153.66	156.10	2.44	2.37	97	K976041	3					
156.10	158.39	2.29	2.31	101	K976042	3					
158.39	160.63	2.24	2.23	100	K976043	3					
160.63	161.55	0.92	0.93	101	K976044	3					
161.55	163.68	2.13	2.05	96	K976045	3					
163.68	165.17	1.49	1.49	100	K976046	3					
					K976047	3					Duplicate
165.17	166.35	1.18	1.07	91	K976048	3					
166.35	167.40	1.05	1.04	99	K976049	3					
167.40	168.53	1.13	1.15	102	K976050	3					
					K976051	3					Blank
168.53	170.74	2.21	2.23	101	K976052	3					
170.74	171.74	1.00	1.00	100	K976053	3					
171.74	173.89	2.15	2.20	102	K976054	3					
173.89	174.58	0.69	0.66	96	K976055	3					
174.58	175.54	0.96	0.96	100	K976056	3					
					K976057	3					Standard: PL-2
175.54	177.60	2.06	1.97	96	K976058	3					
177.60	178.60	1.00	0.96	96	K976059	3					
178.60	179.83	1.23	1.24	101	K976060	3					
179.83	181.24	1.41	1.36	96	K976061	3					
181.24	183.68	2.44	2.34	96	K976062	3					
183.68	184.90	1.22	1.07	88	K976063	3					
184.90	186.45	1.55	1.45	94	K976064	3					
186.45	187.45	1.00	0.93	93	K976065	3					
187.45	189.12	1.67	1.60	96	K976066	3					
					K976067	3					Standard: PL-2
189.12	192.48	3.36	3.30	98	K976068	3					
192.48	193.48	1.00	0.97	97	K976069	3					
193.48	196.82	3.34	3.23	97	K976070	3					
196.82	197.82	1.00	1.00	100	K976071	4					
197.82	199.77	1.95	1.84	94	K976072	4					
199.77	200.85	1.08	1.10	102	K976073	4					
200.85	203.36	2.51	2.35	94	K976074	4					
					K976075	4					Standard: PL-2

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
203.36	205.32	1.96	2.01	103	K976076	4					
205.32	206.32	1.00	0.90	90	K976077	4					
206.32	207.76	1.44	1.31	91	K976078	4					
207.76	208.31	0.55	0.52	95	K976079	4					
208.31	210.75	2.44	2.21	91	K976080	4					
210.75	211.75	1.00	0.98	98	K976081	4					
211.75	213.81	2.06	2.04	99	K976082	4					
213.81	214.99	1.18	1.15	97	K976083	4					
					K976084	4					Blank
214.99	215.99	1.00	1.01	101	K976085	4					
215.99	217.54	1.55	1.50	97	K976086	4					
217.54	218.54	1.00	0.83	83	K976087	4					
218.54	220.66	2.12	2.10	99	K976088	4					
					K976089	4					Duplicate
220.66	223.18	2.52	2.62	104	K976090	4					
223.18	226.17	2.99	2.27	76	K976091	4					
226.17	228.19	2.02	1.99	99	K976092	4					
228.19	230.34	2.15	2.10	98	K976093	4					
230.34	231.07	0.73	0.71	97	K976094	4					
231.07	231.94	0.87	0.83	95	K976095	4					
231.94	233.32	1.38	1.36	99	K976096	4					
					K976097	4					Standard: PL-2
233.32	235.08	1.76	1.71	97	K976098	4					
235.08	236.62	1.54	1.43	93	K976099	4					
236.62	237.29	0.67	0.64	96	K976100	4					
237.29	239.88	2.59	2.62	101	K976101	4					
239.88	242.93	3.05	3.05	100	K976102	4					
					K976103	4					Blank
242.93	245.97	3.04	2.97	98	K976104	4					
245.97	249.02	3.05	2.92	96	K976105	4					
249.02	250.72	1.70	1.71	101	K976106	4					
250.72	251.21	0.49	0.50	102	K976107	5					
251.21	252.28	1.07	1.06	99	K976108	5					
252.28	253.16	0.88	0.89	101	K976109	5					
253.16	255.45	2.29	2.26	99	K976110	5					
255.45	256.75	1.30	1.31	101	K976111	5					
256.75	259.69	2.94	2.85	97	K976112	5					
259.69	260.69	1.00	0.98	98	K976113	5					
260.69	261.69	1.00	0.98	98	K976114	5					
					K976115	5					Blank
261.69	262.87	1.18	1.09	92	K976116	5					
262.87	265.23	2.36	2.36	100	K976117	5					
265.23	268.20	2.97	2.74	92	K976118	5					
268.20	269.49	1.29	1.28	99	K976119	5					
					K976120	5					Standard: PL-2
269.49	270.65	1.16	1.12	97	K976121	5					
270.65	271.65	1.00	1.00	100	K976122	5					
271.65	273.40	1.75	1.70	97	K976123	5					
273.40	275.85	2.45	2.31	94	K976124	5					
275.85	277.53	1.68	1.62	96	K976125	5					
					K976126	5					Duplicate
277.53	279.86	2.33	2.08	89	K976127	5					
279.86	280.31	0.45	0.45	100	K976128	5					
280.31	283.30	2.99	3.04	102	K976129	5					
283.30	286.28	2.98	2.97	100	K976130	5					
286.28	286.66	0.38	0.34	89	K976131	5					
					K976132	5					Blank
286.66	287.89	1.23	1.09	89	K976133	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
287.89	289.96	2.07	1.96	95	K976134	5					
289.96	291.85	1.89	1.76	93	K976135	5					
291.85	293.28	1.43	1.48	103	K976136	5					
293.28	293.90	0.62	0.62	100	K976137	5					
293.90	296.28	2.38	2.48	104	K976138	5					
					K976139	5					Standard: PL-2
296.28	297.04	0.76	0.73	96	K976144	5					Missing tags K976140-143
297.04	299.75	2.71	2.68	99	K976145	5					
299.75	301.05	1.30	1.30	100	K976146	5					
301.05	303.89	2.84	2.73	96	K976147	6					
303.89	306.73	2.84	3.03	107	K976148	6					
306.73	308.73	2.00	1.70	85	K976149	6					
308.73	309.98	1.25	1.15	92	K976150	6					
					K976151	6					Blank
309.98	312.39	2.41	2.36	98	K976152	6					
312.39	314.85	2.46	2.42	98	K976153	6					
314.85	317.30	2.45	2.24	91	K976154	6					
317.30	319.50	2.20	1.99	90	K976155	6					
319.50	320.72	1.22	1.19	98	K976156	6					
					K976157	6					Duplicate
320.72	322.74	2.02	2.01	100	K976158	6					
322.74	325.22	2.48	2.22	90	K976159	6					
325.22	328.27	3.05	2.89	95	K976160	6					
328.27	331.32	3.05	3.05	100	K976161	6					
331.32	333.72	2.40	2.36	98	K976162	6					
					K976163	6					Standard: CDN-ME-16
333.72	335.06	1.34	1.25	93	K976164	6					
335.06	335.93	0.87	0.85	98	K976165	6					
335.93	338.75	2.82	2.67	95	K976166	6					
338.75	341.87	3.12	2.93	94	K976167	6					
341.87	342.55	0.68	0.65	96	K976168	6					
342.55	344.16	1.61	1.57	98	K976169	6					
344.16	346.13	1.97	2.00	102	K976170	6					
346.13	346.65	0.52	0.49	94	K976171	6					
					K976172	6					Blank
346.65	347.89	1.24	1.22	98	K976173	6					
347.89	348.39	0.50	0.47	94	K976174	6					
348.39	350.70	2.31	2.33	101	K976175	6					
350.70	352.69	1.99	1.88	94	K976176	6					
352.69	353.87	1.18	1.20	102	K976177	6					
353.87	356.30	2.43	2.34	96	K976178	6					
					K976179	6					Standard: CDN-ME-16
356.30	358.70	2.40	2.41	100	K976180	6					
358.70	361.79	3.09	2.89	94	K976181	6					
361.79	364.85	3.06	3.02	99	K976182	6					
	EOH										

DENSITY LOG

Hole: **KL-11-61**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	Pyrite%	Arseno	sphal %	Other	%							
												2003.3	1746.1	2000g standard		7.79
82.10 - 82.20	VEN	MA			40	10	10			10.45	6.331	1100.6	772	Massive pyrite, spahlerite arsenopyrite hosted in milky quartz vein	3.35	3.35

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-61

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Overburden
2.00				Overburden
3.00				Overburden
4.00			5.608	
5.00			18.39	
6.00			0.408	
7.00			0.428	
8.00			47.103	
9.00			0.531	
10.00			0.639	
11.00			13.76	
12.00			4.787	
13.00			0.973	
14.00			0.144	
15.00			0.347	
16.00			0.114	
17.00			0.311	
18.00			0.187	
19.00			0.074	
20.00			0.088	
21.00			0.13	
22.00			0.21	
23.00			0.068	
24.00			0.059	
25.00			0.176	
26.00			0.758	
27.00			0.489	
28.00			1.143	
29.00			0.609	
30.00			1.195	
31.00			17.27	
32.00			36.31	
33.00			1.915	
34.00			0.658	
35.00			0.525	
36.00			0.618	
37.00			0.249	
38.00			0.425	
39.00			0.227	
40.00			0.402	
41.00			0.487	
42.00			0.906	
43.00			1.106	
44.00			20.99	
45.00			16.12	
46.00			26.22	
47.00			41.89	
48.00			29.76	
49.00			34.1	
50.00			29.64	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
51.00			19.06	
52.00			38.97	
53.00			19.55	
54.00			35.8	
55.00			40.46	
56.00			18.12	
57.00			29.18	
58.00			23.23	
59.00			6.757	
60.00			20.74	
61.00			27.82	
62.00			3.077	
63.00			22.19	
64.00			29.88	
65.00			32.23	
66.00			28.42	
67.00			15.16	
68.00			1.332	
69.00			21.9	
70.00			0.953	
71.00			21.35	
72.00			13.59	
73.00			20.21	
74.00			7.263	
75.00			0.588	
76.00			0.634	
77.00			0.366	
78.00			0.49	
79.00			1.127	
80.00			0.652	
81.00			0.309	
82.00			0.233	
83.00			21.32	
84.00			1.489	
85.00			9.186	
86.00			38.83	
87.00			1.356	
88.00			64.72	
89.00			47.17	
90.00			35.67	
91.00			21.79	
92.00			28.19	
93.00			32.87	
94.00			29.96	
95.00			26.28	
96.00			30.64	
97.00			25.78	
98.00			17.02	
99.00			0.712	
100.00			25.78	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			38.47	
102.00			37.29	
103.00			37.6	
104.00			30.47	
105.00			35.16	
106.00			34.23	
107.00			18.05	
108.00			38.49	
109.00			26.85	
110.00			41.1	
111.00			21.64	
112.00			6.103	
113.00			0.651	
114.00			25.57	
115.00			41.63	
116.00			26.98	
117.00			16.41	
118.00			22.57	
119.00			25.73	
120.00			0.692	
121.00			36.16	
122.00			20.26	
123.00			22.07	
124.00			0.858	
125.00			0.654	
126.00			43.44	
127.00			26.12	
128.00			21.64	
129.00			27.07	
130.00			32.87	
131.00			40.54	
132.00			37.89	
133.00			25.41	
134.00			24.4	
135.00			24.51	
136.00			24.55	
137.00			6.59	
138.00			26.58	
139.00			27.67	
140.00			14.91	
141.00			27.56	
142.00			1.922	
143.00			0.22	
144.00			0.26	
145.00			0.331	
146.00			0.405	
147.00			0.378	
148.00			0.553	
149.00			0.572	
150.00			0.512	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.294	
152.00			0.658	
153.00			0.349	
154.00			0.557	
155.00			0.396	
156.00			0.346	
157.00			2.017	
158.00			1.137	
159.00			1.127	
160.00			0.296	
161.00			0.373	
162.00			19.88	
163.00			9.901	
164.00			11.88	
165.00			1.243	
166.00			1.002	
167.00			0.362	
168.00			1.138	
169.00			74.6	
170.00			14.82	
171.00			0.504	
172.00			17.34	
173.00			0.323	
174.00			0.43	
175.00			0.49	
176.00			0.416	
177.00			0.474	
178.00			0.511	
179.00			0.448	
180.00			0.379	
181.00			0.526	
182.00			0.76	
183.00			1.114	
184.00			0.397	
185.00			0.301	
186.00			0.555	
187.00			0.848	
188.00			0.741	
189.00			0.308	
190.00			14.82	
191.00			0.553	
192.00			0.682	
193.00			0.47	
194.00			0.536	
195.00			2.819	
196.00			1.126	
197.00			0.585	
198.00			2.819	
199.00			1.126	
200.00			0.585	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			0.259	
202.00			0.412	
203.00			1.165	
204.00			1.423	
205.00			0.585	
206.00			0.447	
207.00			0.491	
208.00			0.236	
209.00			0.362	
210.00			0.201	
211.00			0.5	
212.00			0.242	
213.00			0.649	
214.00			0.137	
215.00			0.154	
216.00			0.193	
217.00			0.318	
218.00			0.361	
219.00			0.251	
220.00			0.37	
221.00			0.273	
222.00			0.621	
223.00			0.171	
224.00			0.495	
225.00			0.596	
226.00			0.498	
227.00			0.483	
228.00			0.415	
229.00			0.56	
230.00			0.8746	
231.00			0.507	
232.00			0.349	
233.00			0.463	
234.00			0.46	
235.00			20.52	
236.00			5.409	
237.00			0.282	
238.00			0.279	
239.00			0.25	
240.00			0.349	
241.00			0.297	
242.00			0.234	
243.00			0.227	
244.00			0.294	
245.00			0.314	
246.00			0.281	
247.00			0.258	
248.00			0.255	
249.00			0.312	
250.00			0.218	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			0.269	
252.00			0.419	
253.00			0.322	
254.00			0.514	
255.00			2.93	
256.00			0.531	
257.00			9.455	
258.00			0.551	
259.00			3.74	
260.00			0.565	
261.00			0.232	
262.00			0.988	
263.00			28.43	
264.00			10.35	
265.00			26.38	
266.00			0.853	
267.00			21.3	
268.00			17.23	
269.00			16.15	
270.00			0.466	
271.00			0.387	
272.00			0.296	
273.00			0.224	
274.00			0.768	
275.00			0.73	
276.00			0.726	
277.00			28.63	
278.00			9.382	
279.00			3.979	
280.00			0.361	
281.00			0.36	
282.00			0.339	
283.00			0.22	
284.00			0.33	
285.00			0.261	
286.00			0.301	
287.00			0.395	
288.00			1.04	
289.00			1.54	
290.00			1.604	
291.00			0.752	
292.00			0.47	
293.00			0.759	
294.00			12.06	
295.00			2.644	
296.00			0.817	
297.00			0.639	
298.00			21.5	
299.00			1.025	
300.00			0.689	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.42	
302.00			6	
303.00			7.867	
304.00			0.493	
305.00			26.31	
306.00			47.14	
307.00			0.893	
308.00			0.548	
309.00			3.359	
310.00			0.245	
311.00			0.671	
312.00			0.437	
313.00			0.909	
314.00			14.42	
315.00			1.011	
316.00			15.75	
317.00			48.39	
318.00			31.67	
319.00			29.68	
320.00			3.034	
321.00			0.552	
322.00			6.602	
323.00			0.543	
324.00			3.854	
325.00			0.825	
326.00			3.933	
327.00			13.91	
328.00			18.04	
329.00			10.26	
330.00			33.49	
331.00			49.8	
332.00			1.2336	
333.00			5.24	
334.00			38.1	
335.00			15.53	
336.00			0.88	
337.00			19.37	
338.00			6.652	
339.00			6.288	
340.00			3.165	
341.00			18.23	
342.00			0.435	
343.00			2.072	
344.00			6.735	
345.00			0.861	
346.00			32.27	
347.00			37.3	
348.00			9.353	
349.00			11.08	
350.00			57.74	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.537	
352.00			15.32	
353.00			1.064	
354.00			24.38	
355.00			53.27	
356.00			20.29	
357.00			16.45	
358.00			5.76	
				EOH

BOX LOG

HOLE: KL-11-61

BOX	FROM (m)	TO (m)
1	0.00	6.89
2	6.89	10.41
3	10.41	14.43
4	14.43	18.36
5	18.36	22.26
6	22.26	25.79
7	25.79	30.12
8	30.12	33.42
9	33.42	37.27
10	37.27	41.00
11	41.00	44.81
12	44.81	49.07
13	49.07	53.39
14	53.39	57.53
15	57.53	61.93
16	61.93	66.14
17	66.14	70.53
18	70.53	74.70
19	74.70	79.03
20	79.03	83.31
21	83.31	87.48
22	87.48	91.66
23	91.66	95.98
24	95.98	99.92
25	99.92	104.18
26	104.18	108.33
27	108.33	112.59
28	112.59	116.94
29	116.94	120.93
30	120.93	124.71
31	124.71	28.93
32	28.93	133.20
33	133.20	137.36
34	137.36	141.15
35	141.15	145.22
36	145.22	149.14
37	149.14	153.45
38	153.45	157.58
39	157.58	161.62
40	161.62	166.14
41	166.14	170.36
42	170.36	174.52
43	174.52	178.92
44	178.92	183.19
45	183.19	187.45
46	187.45	191.56
47	191.56	195.82
48	195.82	199.94
49	199.94	204.11
50	204.11	208.31
51	208.31	212.45
52	212.45	216.62
53	216.62	220.88
54	220.88	224.64
55	224.64	228.53
56	228.53	232.24
57	232.24	236.62
58	236.62	240.63
59	240.63	244.56
60	244.56	248.73
61	248.73	252.91
62	252.91	257.03
63	257.03	261.21
64	261.21	265.23
65	265.23	269.21
66	269.21	273.22
67	273.22	277.18
68	277.18	281.18
69	281.18	285.44
70	285.44	289.74
71	289.74	294.02
72		297.98
73		302.05
74		306.29
75		309.98
76		314.14
77		318.25
78		322.17
79		326.25
80		330.41
81		334.37
82		338.37
83		342.55
84		346.72
85		350.70
86		354.85
87		358.75
88		362.94
89		364.85
		EOH

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382985	6889890	1390.014	340.46

ZONE: KLAZA

SECTION:

HOLE: KL-11-62

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ

Casing depth: 5.18 (m) in / **out**

Drilling dates:

Geology logged by: C. Richardson

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	157.58	39.3	-49.8	Ranger
66.14	39.9	-49.5	Ranger	218.54	38	-49.9	Ranger
96.62	39.2	-49.6	Ranger	279.50	38.8	-50.2	Ranger
127.10	38.7	-49.8	Ranger	340.46	47.6	-50.3	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.88	3.88	OVB	Casing/No Recovery
3.88	68.81	64.93	GRD	Oxidized, propylitic and argillic altered granodiorite
				with decreasing oxidation downhole. Carbonate
				veinlets increasing downhole.
68.81	94.60	25.79	GRD	Strongly altered granodiorite hosting quartz carbonate
				veins and veinlets. Competent.
94.60	134.23	39.63	GRD	Area hosting many sulphide veins and veinlets. Stron
				phyllic alteration throughout interval. Patches hosting
				disseminated pyrite. Rare massive pyrite and galena.
134.23	260.73	126.50	GRD/VEN	Alternating in and out of strong vein zones and phyllic
				argillic altered granodiorite. Vein zones host numerou
				quartz sulphide veins. Abundant galena, arsenopyrite
				pyrite and sphalerite in these areas.
260.73	271.49	10.76	POR	Quartz feldspar porphyry dyke.
271.49	324.64	53.15	GRD/VEN	Same as 134.23-260.73. Stronger vein zones. More
				sulphides.
324.64	340.46	15.82	GRD	Mostly unaltered granodiorite.

SAMPLES

Numbers: K973612-K973818

Total: 206

Batch: Batch 1-6

Date Sent:

Certificate: WH11189664, WH11189666, WH11189872, WH11196877, WH11198508, WH11198582

COMMENTS

GEOLOGY LOG

HOLE: KL-11-62

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	3.88					OVB						s															Granodiorite blocks, beige soil, yellow-brown soil, and rock fragments.
3.88	21.90					GRD	GYGN	MA	w				pro/pc	w/f													Weakly altered granodiorite (propyllitic with lesser phyllic and potassic) with phyllic alteration envelopes around oxidized veins. Mafic xenoliths throughout.
			12.33	12.78		GRD	ORGY	EN	ms			m			VN	90	4?	1		w		###					Phyllic alteration envelope with oxidized milky quartz, sphalerite, pyrite vein. Orange-brown oxidized material.
			15.17	16.66		GRD	ORGI	EN	ms			f			VN	56	7	2		w		f					Phyllic alteration envelope with milky quartz vein with blebs of sphalerite, pyrite, and orange-black oxidized veins throughout sub-interval.
			18.59	21.90		GRD	ORGI	EN	m			m			VT	50	0.7	1?				f					Phyllic alteration envelope. Core broken. Black and orange oxidation on exterior of core (along old sulphide veins?) Quartz veinlets with sphalerite still visible.
21.90	26.74					POR	OR	PO				m															Quartz-feldspar porphyry dyke. Core is highly fractured and broken with yellow-orange-black oxidation in fractures. Could be fault zone. Mixed zone on contact between granodiorite and porphyry.
			21.90	22.34		GRD/	DKGN	BX?				w															Mixed subinterval of granodiorite and porphyry dyke Contact between porphyry and granodiorite. Oxidation in fractures and blebs (1-5cm wide) of milky quartz and sphalerite. Fine dark matrix with round blebs of granodiorite.
26.74	29.13					GRD	OR	MA		s		s			GO	90	10?	1									Strong oxidation and clay alteration in granodiorite. Orange-yellow-purple,grey, and white clays. Small gouge sub-interval. Contact between porphyry and granodiorite.
29.13	68.81					GRD	LTGN	MA	s	f		w	pot/pr	w/f													Variable (medium to strong) phyllic alteration with potassic and oxidized carbonate veinlets. Some patches of propyllitic alteration and argillic alteration/ gougy sub-interval and quartz-sulphide veins. Pyrite and sphalerite veins throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			34.59	36.92		GRD	LTGN	MA	s						VT	25	0.2	3		t		w		CV	t		Phyllic alteration with veinlets and blebs of black mineral (sphalerite) with trace amounts of covellite?
			38.69	40.87		GRD	GNW	GO		s					GO	?	12?	1		t							Gougy interval/strong argillic alteration interval. Smoky quartz, milky quartz, pink chalcedony, and altered granodiorite clasts (1mm-5cm). White clay matrix. Pyrite in orangey gouge and vein mterial.
			41.51	43.13		GRD	GNPH	MA	s				pot	f													Sub-intervals of more intense phyllic and argillic alteration (light green to pink) in granodiorite. Calcite veinlets and stringers throughout.
			44.44	45.44		GRD	GN	MA																			Weak propyllitic alteration in granodiorite
			47.14	47.85		GRTI	LTGN	MA							VN	20	1	1		t		t					Smoky and milky quartz veins with orange oxidation coating interior. Smal smounts of pyrite and sphalerite remaining.
			48.98	49.03		VEN	BG								VN	40	1	1		w		f	w				Beige chalcedony vein with sphlerite, galena, and pyrite lense on margin of vein.
			50.46	50.56		VEN	WH	PA							VN	75	9	1		w		w	t	tou	###		Milky quartz vein with patchy black tourmalint and patchy pyrite. Sphalerite and galena lens on margin of vein.
			50.63	51.81		GRD	LTGN	MA				f			VT	80	0.4	6									Sub-interval with higher concentraction of quartz+pyrite+sphalerite veinlets. Oxidized fractures (former veinlets?) as well.
			51.81	52.25		GRD	OR	MA				m			VN	80	2	1		s							Quartz flooding in granodiorite. Orange oxidatior throughout sub-interval. Massive pyrite around veins and disseminated pyrite and sphalerite throughout sub-interval.
															VT	90	0.3	3		w		f					
			52.25	52.71		VEN	BK	BX							BX	90	15	2		w	m	?	t				Black breccia in granodiorite with dark quartz matrix and clusters of pyrite, arsenopyrite, sphaleriert?, and galena. Beige chalcedony stringer network within breccia.
			54.35	54.44		VEN	GY								VN	60	1	1		s	ms						Smoky quartz vein with pyrite, arsenopyrite, and veinlet with pyrite and sphalerite.
															VT	55	0.3	1		m		f					

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			54.83	56.92		VEN	GY								VN	90	1.6	1		m	w						Series of grey chacledony and veins and veinlets with blebs of pyrite, sphalerite, and arsenopyirte.
															VT	85	0.4	4		m		m					
			58.22	58.24		VEN	ORGY					m			VN	50	7	1		w							Oxidized intermixed quartz veins with milky quartz, pyrite, and sphalerite.
															VN	50	1	3		w		f					Milky quartz veins with pyrite and sphalerite prior to oxidized vein.
			59.70	60.26		GRD	WH	MA																			Argillic alteration in granodiorite with pink clay
			60.26	61.02		GRD	DKGN	MA					pro	f													Propyllitic alteration sub-interval
			61.02	61.29		GRD	WHPI	MA		ms			pot	f													Argillic and potassic alteration sub-interval
			62.14	63.37		GRD	DKGN	MA					pro	f													Propyllitic alteration sub-interval
			64.43	64.46		VEN	GY								VN	90	2	1		t							Intermixed smoky quartz vein and pink chalcedony. Trace pyrite.
			66.93	66.97		VEN	GY								VN	90	4	1		w		m					intermixed pink-vuggy carbonate vein with milky quartz and blebs of sphalerite and pyrite.
			67.90	68.03		VEN	GY								VN	90	13	1		f		m	t				Vuggy beige carbonate, milky quartz, and patchy sphalerite+pyrite+galena vein,
	68.81	72.20				GRD	DKGN								VT	85	0.4	3									Propyllitc alteration in granodiorite with small patches (4-10 cm wide) of argillic alteration, milky quartz veins, and large mafic xenoliths (5-23 cm wide).
	72.20	79.59				GRD	WH																				Interval of argillic and potassic alteration on the exterior with strong propyllitic and intense phyllic alteration with quartz flooding on the interior. Blebs of black tourmaline thriughout. Sulphide poor interval with only small disseminated pyrite in alteration surrounding argillic alteration.
			72.20	73.26		GRD	DKGN	MA					pro	m	VN	45	1	1		w		w					Moderatly strong propyllitic sub-interval with milky quartz vein containing pyrite and sphalerite and a fine greyish-blue vein? with blebs of pyrite.
															VN	45	1	1		f							
			73.26	73.41		GRD	LTGN	MA	m	f																	Argillic and phyllic alteration patch.
			74.61	74.76		GRD	BK	PA																tou	###		Phyllic alteration with abundant black tourmaline.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			74.98	78.44		GRD	WH	FD	I	m	ms																	Subinterval of intense to moderate argillic alteration. Abundant quatrz flooding insub- interval forming milky quartz veins. Traces of pyrite in darker veins. Patches of black tourmalint throughout.
			79.05	79.32		GRD	WHPI	MA	f	m			pot	w														Patch of argillic alteration with lesser phyllic and potassic alteration.
79.59	83.43					GRD	DKGN	MA					pro/p	w/w														Weak propyllitic and potassic alteration in granodiorite with a small aplite dyke and phyllic alteration envelopes surrounding quartz veins. Swirly mafic xenlolith? Dyke?
			80.00	80.07		APL	RD	FL							DK	90	7	1										Flow banded red aplite dyke
			80.94	81.22		GRD	GN	EM	m						VN	85	1	2		t		t						Drusy quartz and white carbonate veins with pyrite and sphalerite in phyllic alteration envelope.
			81.22	81.46		XEN?	BK													t								Swirly mafic xenolith? Dyke? Replaced with silica and trace disseminated pyrite.
			81.99	82.30		GRD	GN	EN	m						VN	90	3	2		w								Phyllic alteration envelope surrounding drusy milky quartz vein with pink carbonate void filler. Fine-grained disseminated pyrite throughout envelope. Trace pyrite?
83.43	92.86					GRD	LTGN	MA	I																			Strong to intense phyllic alteration interval with quartz-sulphide veins.
			83.43	83.86		GRD	WH		I?	s?																		Intense argillic/phylic alteration subinterval
			84.82	84.84		VEN	GY								VN	90	1	1										Grey quartz vein with disseminated pyrite
			85.95	86.24		GRD	LTGN								VN	85	1	3?		t		w	t	CP	t		Milky quartz veins with sphalerite, pyrite, galena, chalcopyrite and irridescent purple/ble/green/yellow mineral (bornite? Covellite?).
																								BO	t		
			89.16	89.68		VEN	GY								VN	88	1	1		t		w		BO	w		Milky quartz vein with sphalerite , pyrite, and irridescent mineral (bornite?).
			89.16	89.68		VEN	GY								VT	88	0.4	3		w		w	t	BO	t		Quartz veinlets with sphalerite , pyrite, and blebs of irridescent mineral (Bornite?).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
92.86	94.60					APL	PUBG								DK	90	74	1									Beige and purple silicic dyke. Most of subinterval broken beige dyke with grey, white, and yellow clay. Gouge? Fault zone?
94.60	97.54					GRD	LTGN	MA	S																		Phyllic alteration in granodiorite with gougy patches and quatz-sulphide veins.
			94.60	94.87		GRD	GYGI	GO																			Gougy subinterval with grey and white clay. Clasts 1mm-4cm wide. Pyrite ~1mm and les throughout.
			95.72	95.77		VEN	GY								VN	88	5	1		w							Milky quartz vein with beige carbonate and disseminated pyrite.
			96.44	96.46		VEN	GY								VN	90	3	1		w							Milky quartz vein with pink chalcedony and blebs of pyrite.
			97.37	97.54		VEN	DKGY								VN	90	17	1		m		w					milk quartz vein with pyrite and sphalerite blebs. Cloudy and grey mixed zone along dyke contact.
97.54	98.49					APL	GY								VT	90	0.1	10									Grey aplite dyke. Core highly fractured . Fault zone? Small quartz veinlets throughout.
98.49	102.23					GRD	LTGN		ms tense	m																	Phyllic and argillic granodiorite/aplite intermixed zone. Slightly brecciated veins of argyllic alteration.
			99.46	100.21		GRD	GY	BX												w							Grey aplite dyke mixed with pink chalcedony swirls , pyrite clasts, and granodiorite clasts. Slightly brecciated.
			101.45	102.23		GRD	GN	GO												f							Gougy/intense argillic alteration? Sub-interval with blebs of pyrite. White clay.
102.23	105.05					APL	PU	DK																			Purple oxidized silicic dyke with whtie carbonate veinlets (core mostly compentat with the end of the interval fractured.
105.05	110.93					APL	BGPU	BX/GO												t		t					Brecciated/gougy? Interval aplite dyke. Whtie and grey clay matrix with mostly aplite dyke fragments and smaller granodiorite clasts for the first 50 cm or so. Clasts range from 0.1cm-15cm. Trace pyrite and sphalerite clasts. Fault zone?

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
110.93	123.71					GRD	LTGN		s	m																	Phyllic and argillic alteration in granodiorite with patches of strong propyllitic and argillic alteration. Quartz veins with and without suldphide.
			110.93	111.03		GRD	GY	GO												s		f					Gougy granodiorite and aplite subinterval with abundant pyrite and sphalerite clasts.
			111.03	111.52		GRD	GNW	GO												t							Granodiorite gouge with white clay and clasts ~1mm-4cm. Trace pyrite clasts.
			115.53	116.57		GRD	DKGN	MA					pro	s													Strong propyllitic alteration in granodiorite
			116.57	116.90		GRD	WHPI	MA		m			pot	f													Argilic and potassic alteration in granodiorite
			118.82	118.57		GRD	DKGN	MA					pro	s													Strong porpyllitic alteration in grandiorite
			118.82	119.03		VEN	GY								VN	5	2.5	1		t							Low angle milky quartz vein with trace pyrite
			119.69	119.91		GRD	DKGN	MA					pro	s													Strong propyllitic alteration in granodiorite
			120.07	120.13		VEN	GY	BA							VN	90	2	1		f							Milky quartz vein with bands of fine-grained pyrite.
			120.37	121.42		VEN	GY								VN	5?	2?	2?									Low angle grey quartz vein with no sulphide. Core borken making it difficult to determine extent and orientation of vein.
123.71	134.23					GRD	DKGY	MA							VN	75	0.2	2									Light propyllitic alteration in granodiorite with mafic xenoliths and infrequent calcite veinlets.
134.23	146.10					GRD	LTGN	MA																			Phyllic alteration in granodiorite with patches of argillic and propyllitic alteration as welll as mineralized veins. Infrequent pink chalcedony veins.
			135.63	136.06		GRD	PK	MA		ms																	Pink argillic alteration sub-interval
			136.55	137.30		VEN	GY								VN	90	1	4		m							Series of milky quartz-sulphide veins. First at 136.55m-massive pyrite 2cm wide. Disseminated pyrite throughout subinterval.
			137.98	139.18		GRD	DKGN	MA					pro	f													Propyllitic alteration in granodiorite
			141.26	141.67		GRD	DKGN	MA					pro	f													Propyllitic alteration in granodiortie

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			146.10	149.53		GRD	DKGN						pot/pr	w/f	ST	75	0.1	6									Fair propyllitic alteration in granodiorite with weak potassic alteration. Carbonate stringers throughout.
			146.62	146.97		GRD	WHPI	MA	m	m																	Crumbly white-pink core. Argillic and phyllic alteration.
149.53	158.09					GRD	LTGN	MA	ms																		Phyllic alteration in granodiorite with patches of propyllitic alteration, argillic alteration, carbonate veins and quartz-sulphide veins.
			149.91	150.10		GRD	PK	MA					pot	m													Pink potassic alteration interval
			150.96	151.00		VEN	GY	PA							VN	90	4	1		f				cp	w		Patchy smoky quartz vein, pink chalcedony vein with blebs of pyrite and chalcopyrite..
			151.91	152.50		GRD	WHPI	MA	f	ms																	Pink argillic alteration and phyllic alteration sub interval.
			154.67	154.90		GRD	PKWI	MA	m	ms																	Pink argillic and phyllic alteration interval
			157.24	157.33		VEN	GYBG								VN	90	9	1		w							Intermixed smoky quartz and beige chalcedony vein with blebs of pyrite throughout.
158.09	162.18					GRD	GNW	MA	m	s										w							Strong argillic alteration and moderate phyllic alteration in granodiorite. Pink chalcedony vein-networks with displacement of 1-3cm throughout. Fractures throughout core filled with white clay (gouge?). Blebs of pyrite and disseminated pyrite throughout.
			161.06	161.10		VEN	GY	GO							VN	50	4	1		f							Grey quartz vein with white clay (gougy) and blebs of pyrite. Fine-grained pyrite clasts in grey matrix.
			161.59	161.72		VEN	DKGY	MA							VN	90	13	1		###				CP	w?		Dark grey quartz vein with significant fine-grained pyrite. Small bits of pink chalcedony. Chalcopyrite?
162.18	164.04					BXA	BK	BX												m							Black breccia with swirly pink chalcedony , dark smkoy quartz matrix, and phyllic granodiorite and pyrite clasts. 0.1cm-5cm wide.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
164.04	167.02					GRD	LTGN	MA	m																		Phyllic alteration in granodiorite with sub-intervals of intense argillic alteration. Quartz flooding. Fractures with white clay (gouge) throughout. Disseminated pyrite throughout interval.
			164.04	165.33		GRD	LTGN	MA												f							Quartz flooding in fractured phyllic granodiorite. Gougy patches and 'swirls' of pyrite.
			165.33	165.38		VEN	BZ								VN	90?	5	1		###							Fine grained pyrite in smoky quartz vein
			165.90	166.73		GRD	WHG	MA												f							Intense argillic alteration with lesser phyllic alteration in granodiorite. Disseminated pyrite throughout.
167.02	170.20					GRD	WHG	MA							VT	10	0.3	2									Alternating propyllitic and argillic alteration in granodiorite (~20cm in width) with white carbonate veinlets throughout.
170.20	173.88					GRD	LTGN	MA	ms	s-i										w							Phyllic alteration interval with subintervals of stronge intense argillic alteration. Pink chalcedony veins throughout. Disseminated pyrite throughout interval
			171.20	171.40		GRD	WHG	MA		I																	Intense agrillic alteration in granodiorite. Disseminated pyrite on margins.
			171.76	172.16		VEN	GYBZ								VT	70	0.5	6		m				cp	w		Series of smoky quartz veinlets with fine-grained pyrite and chalcopyrite.
			172.26	172.32		VEN	GY	MA							VN	90	6	1		###				cp	t?		Grey quartz vein with pyrite and chalcopyrite
			172.89	172.93		VEN	GY	MA							VN	90	4	1		###							Grey quartz vein with bands of pyrite
173.88	178.92					GRD	DKGN	MA					pot/pr	w/m	VT	~75	0	4									Propyllitic alteration in granodiorite with quartz sulphide veins, phyllic alteration envelopes, and argillic alteration. Beige carbonate and white carbonate veinlets throughout.
			178.16	178.92		GRD	WH	EN	s						VN	70	1.5	2									Strong phyllic alteration envelope surrounding white quartz veins.
185.26	192.34					GRD	LTGN	MA	ms																		Interval of light green and yellow phyllic alteration with quartz flooding , strong argillic alteration sub-interval and beige chalcedony veins with pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			185.51	187.91		GRD	LTGN				ms									f		w					Quartz flooding interval with smoky quartz veins, pyrite and sphalerite. "Dopple textured" rounded granodiorite clasts with network of quartz-pyrite-sphalerite and beige alteration (clay?).
															VN	88	1	2		###							
			189.44	189.83		VEN	GYPK								VN	90?	39	1		t							Intermixed pink chalcedony. White and black quartz and disseminated pyrite vein.
			190.92	191.72		GRD	DKGN	MA					pot/pr	w/m													Propyllitic alteration subinterval with lesser potassic alteration.
192.34	207.67					GRD	DKGN	MA							ST	75	0.1	3									Propyllitic and potassic alteration in granodiorite. Phyllic envelopes with sulphide veins. Black stringers throughout.
			192.70	192.82		GRD	LTGN	EN	m						VN	90	1	1		f							Phyllic alteration envelope with white quartz vein and disseminated pyrite.
			200.09	201.54		GRD	GNPH	MA		m																	Stronger argillic alteration patch with pink clay
			205.02	205.35		APL	RD								DK	~15	1	1									Low angle red-aplite dyke
			205.64	206.48		GRD	LTGN	EN							VN	85	2	1		t							Phyllic alteration envelope surrounding white quartz vein with pyrite cut and displaced by drusy white calcite vein (3cm wide).
207.67	215.75					GRD	LTGN	MA		ms																	Phyllic alteration interval with quartz-sulphide veins.
			209.18	209.75		AP	RD								DK	15	0.8	2									Low angle red aplite dykes
			211.29	211.75		AP?	GY								DK	5	4?	1									Fine-grained low angle quartz dyke/vein'
			211.75	211.81		VEN	WH								VN	90	6	1		f							Milky quartz with patches of pyrite
			211.84	211.99		VEN	GY								VN	90	16	1		f							Grey quartz vein breccia with pink chalcedony fracture fill. Pyrite throughout.
			213.35	213.45		VEN	BG								VN	25	2	1		m							Beige carbonate and miky quartz vein with pyrite.
			213.81	213.88		VEN	GY	BX?							VN	40	7	1									Grey quartz vein with piences of granodiorite ~1 3mm wide. Breccia?
			214.91	215.20		VEN	GY								VN	15	2.5	1		f							Quartz vein with blebs of pyrite. Beige carbonate or exterior of vein.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			215.74	215.75		AP	RD								DK	88	1	1									Red aplite dyke.
215.75	221.49					GRD	GN	PA	m	m			pro	w													Patchy alteration interval with propyllitic, argillic, and phyllic alteration surrounding quartz-sulphide veins.
			216.99	218.23		GRD	LTGN	EN	m						VT	88	0.3	2		m		m					Phyllic alteration envelope with beige carbonate veinlets and quartz-sulphide veins (pyrite and sphalerite).
															VN	90	3	1		t							
			219.31	219.40		GRD	WH			ms			pot	f													Patch of argillic and potassic alteration
			219.51	219.76		GRD	WH			ms			pot	f													Patch of argillic and potassic alteration
			219.76	220.82		GRD	LTGN	EN		ms																	Phyllic alteration envelope surrounding banded smoky quartz, beige chalcedony, and blebs of pyrite. Disseminated pyrite in surrounding alteration.
			220.22	220.31											VN	90	9	1		f							
			220.82	221.49		GRD	WH			ms			pot	f													Patch of argillic alteration in granodiorite
221.49	232.98					GRD	DKGN	MA					pro	w													Weak propyllitic alteration in granodiorite with phyllic envelopes surrounding quartz sulphide veins.
			223.24	223.32		APL	RD								DK	70	8	1									Red aplite dyke.
			223.72	225.02		GRD	LTGN	EN	ms						VT	90	0.4	2		t		w					Phyllic alteration envelope surrounding milky quartz pyrite veins, and a beige chalcedony vein.
															VN	30	1	1									
			225.73	226.13		GRD	LTGN	EN	ms						VT	90	0.4	2		t		w					Phyllic alteration envelope surrounding with milky quartz, beige chalcedony, pyrite vein, and milky quartz+pyrite+sphalerite veinlets. Small altered mafic dyke ~10cm.
															VN	30	1	1									
			227.56	227.66		MAF	BK	BN							DK	90	10	1									Mafic dyke? with flow bands
232.98	238.34					GRD	LTGN	MA	m						VT	85	0.6	2									Phyllic alteration interval with quartz-sulphide veins and patches of pink argillic alteration. Beige carbonate veinlets throughout.
			232.96	232.97		VEN	BZ	MA							VN	90	1	1		100							Massive pyrite vein

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			233.12	233.19		VEN	GY								VN		7	1		ms	w			CP	t		Milky quartz vein with band of white carbonate and patches of pyrite. Small dark vein with chalcopyrite and arsenopyrite.
			235.53	235.60		VEN	GY	GO							VN	90	7	1		w							Gougy? Quartz vein. Milky quartz vein with pyrite.
			236.70	237.38		GRD	PK	MA		m																	Patch of phyllic alteration with pink clay.
			237.92	238.01		VEN	GY													w							Quartz flooding and beige chalcedony veinlet network. Blebs of pyrite.
238.34	253.74					GRD	DKGN	MA					pro	w													Weak propyllitic alteration in granodiorite with phyllic alteration envelopes surrounding quartz-sulphide veins.
			240.52	241.00		GRD	LTGN	EN	ms						VN	85	3	1		f							Milky quartz vein with blebs of pyrite surrounded by phyllic alteration envelope.
			243.05	243.66		GRD	LTGN	EN	ms						VN	75	1	1		t							Phyllic alteration envelope surrounding grey quartz vein. Trace disseminated pyrite.
			245.20	245.78		GRD	LTGN	EN	ms						VN	85	1	1		ms			w	t			Phyllic alteration envelope surrounding milky quartz vein with pyrite, sphalerite, and galena.
			247.46	247.85		GRD	LTGN	EN	ms						VN	90	2	1		f							Phyllic alteration envelope with milky quartz vein with blebs of pyrite.
			249.97	250.40		GRD	WH			s																	Strong argillic alteration in in granodiorite
			252.50	252.74		GRD	GN	MA	f				pro	ms	VT	65	0.1	3									Phyllic and propyllitic envelope with carbonate veinlets.
253.74	257.87					GRD	PKGN	PA							VT	65	0.1	3									Patches of alternating pink argillic and light green phyllic alteration (5-20cm wide). Beige chalcedony veinlets throughout.
257.87	260.73					GRD	LTGN	MA	ms						VT	90	1	4		t							Phyllic alteration interval with quartz-sulphide veins and a black quartz flooded breccia on contact with quartz-feldspar porphyry dyke. Quartz veinlets throughout with disseminated pyrite.
			257.70	257.85		VEN	GY	BA							VN	90	15	1		m							Banded vein with milky quartz, smokey quartz and pyrite.
			259.14	259.18		VEN	GY								VN	90	4	1		f							Milky quartz vein with blebs of pyrite
			260.13	260.44		VEN	GY								VN	90	4	1			t						Milky quartz vein and quartz flooded
															VN	85	1	1									Sub interval. Trace disseminated pyrite. Pink
															FL						f					chalcedony vein as well. No mineralization

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			260.44	260.73		BXA	BK	BX																				Black breccia with smokey quartz in-fill, altered dark grey clasts (dyke?). Dyke clasts, and pink/green swirls. Clasts 0.1cm to 4 cm wide. Grey clay mixed with grey quartz.
260.73	271.49					POR	GN	PO							VT	70	1	3										Green-grey quartz feldspar porphyry dyke with white calcite veinlets.
			270.36	270.46		BXA	BK	BX												m								Black breccia "plug" in dyke with wisps of white calcite and clusters of pyrite.
271.49	273.30					GRD	LTGN		m	s										t								Fractured gougy/strong argillic alteration in green phyllic altered granodiorite. White and grey clay. Smokey quartz and pale chlorite veinlets. Traces of pyrite.
273.30	276.03					GRD	LTGN	MA	ms																			Phyllic alteration in granodiorite with smokey quartz veins.
			273.30	273.70		VEN	GY								VN	90	10	1		ms	w							Smokey quartz vein with bands of pyrite and arsenopyrite with big chalcedony clasts. Disseminated pyrite in granodiorite/quartz flooded area.
															FL					f							
			275.59	275.95		VEN	GY	BA							VN	90	36	1		25	t							Bands of smokey quartz, milky quartz and pyrite. Trace arsenopyrite.
276.03	290.06					GRD	DKGN	MA					POT	w	ST	70	1	2										Propylitic and potassic alteration in granodiorite. Phyllic altered envelopes surrounding quartz-sulphide veins. Black stringers and chlorite veins throughout, alteration envelopes surrounding.
													PRO	f														
			278.25	280.22		GRD	GN	EN	m																			Phyllic alteration envelope
			282.32	282.84		GRD	GN	EN	ms						VN	85	1	1										Phyllic alteration envelope surrounding chalcedony vein and grey quartz veinlets.
															VT	85	1	2										
			283.22	283.51		GRD	GN	EN	ms						VN	90	2	1		f		w						Phyllic alteration envelope around a black/greer chlorite and smokey quartz vein with pyrite and sphalerite.
			284.04	284.73		GRD	LTGN	EN																				Phyllic alteration in granodiorite
			285.35	285.81		GRD	LTGN	EN	ms						VN	90	1	1		f								Phyllic alteration envelope in granodiorite surrounding grey quartz vein with pyrite blebs.
			286.01	287.42		GRD	LTGN	EN	ms																			Phyllic alteration envelope surrounding intense phyllic alteration in mafic dyke.
			286.45	286.93		MAF	BK		I						DK	60	48	1		ms								Massive pyrite hexagon clusters on the margins o the dyke and disseminated pyrite clusters throughout. Grey quartz along margins of dyke.
			288.25	288.48		GRD	LTGN		ms																			Phyllic alteration patch in granodiorite
290.06	294.50					GRD	LTGN	MA	ms																			Phyllic alteration interval with quartz sulphide veins.
			291.33	291.54		VEN	GY								VN	90	2	3		f			t					Grey quartz veins with pyrite and galena
			292.11	292.19		VEN	GY								VN	90	8	1		f								Grey quartz vein with pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			292.61	292.77		VEN	GY								VN	90	16	1		f								Inter mixed grey quartz, milky quartz, black green chlorite, and blebs of pyrite in vein.
294.50	297.74					GRD	GN	MA																				Weak propylitic alteration in granodiorite
297.74	301.48					GRD	LTGN	MA	ms	s																		Phyllic and argillic alteration interval with large quartz sulphide veins. White and grey clay throughout interval. Core fracturedand broken.
			299.11	299.22		VEN	GY	BA							VN	90	11	1		25								Cloudy grey quartz vein with massive pyrite bands.
			300.38	300.66		VEN	GY	BA							VN	90	28	1		s	t	I						Banded milky quartz vein with massive pyrite and sphalerite, arsenopyrite.
301.48	320.33					GRD	GY	MA	w				PRO	w	VN	85	1	3										Weakly to unaltered granodiorite. Small quartz and carbonate veinletswith phyllic alteration envelopes (10-15 cm wide).
			316.17	316.89		GRD	LTGN	EN	ms						VN	90	11	1		30								Phyllic alteration envelopes surrounding milky quartz vein with pink chalcedony and clusters of massive pyrite.
			318.98	319.15		VEN	GY								VN	90	1	1		w		t	t					Quartz vein with blebs of pyrite, sphalerite and galena.
320.33	324.64					GRD	LTGN	MA	ms						VT	90	1	2										Phyllic alteration interval with chalcedony veinlets and quartz sulphide veins.
			320.64	320.66		VEN	BZ								VN	85	2	1		30								Pyrite in milky quartz vein and present in alteration surrounding vein.
			321.14	321.15		VEN	WH								VT	88	1	1		m		w						Milky quartz veinlet with pyrite and sphalerite
			322.96	322.99		VEN	WH								VN	90	2	1		w	t							Pyrite and arsenopyrite blebs in milky quartz vein. Disseminated pyrite in surrounding alteration.
			323.07	324.20		VEN	GN								VN	90	14	1		m		30						Massive pyrite and sphalerite clusters in milky quartz vein.
			343.33	343.36		VEN	GY								VT	75	1	1		m								Blebs of pyrite in quartz veinlets
			343.46	343.59		VEN	GY	BA							VN	75	13	1		5								Banded milky quartz, pink chalcedony and pyrite vein.
324.64	340.46					GRD	DKGN	MA					PRO	w	VT	45	2	2										Unaltered granodiorite to weakly propylitic and potassic alteration in granodiorite. Calcite veinlets throughout and black stringers. Phyllic alteration envelopes surrounding quartz veins.
													POT	w	ST	45	1	3										
			325.26	325.87		GRD	LTGN	EN	m						VN	90	1	1		w								Phyllic alteration envelope surrounding milky quartz vein with blebs of pyrite.
			337.45	337.97		GRD	GN	MA	m						ST					50								Phyllic alteration in granodiorite with green masses with disseminated pyrite. Pyrite stringers present.
			337.97	338.18		VEN	GN													w								Doppled texture. Yellow phyllic altered granodiorite in quartz matrix. Pyrite clasts.
			339.70	340.10		GRD	GN	EN	m						VT	90	1	3		w								Phyllic alteration envelope with grey quartz veinlets and blebs of pyrite.
																												340.46 EOH

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS										DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo		

GEOTECHNICAL LOG

HOLE: KL-11-62

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	3.05	3.05		0		0		EW		Overburden
3.05	5.18	2.13	1.45	68	0.49	23		HW		
5.18	8.23	3.05	2.89	95	1.74	57		SW		
8.23	11.28	3.05	2.90	95	2.23	73		SW		
11.28	14.33	3.05	3.10	102	1.71	56		SW		
14.33	17.37	3.04	2.96	97	1.86	61		SW		
17.37	20.42	3.05	3.03	99	1.70	56	W	SW		
20.42	23.47	3.05	2.50	82	1.19	39	W	HW		
23.47	26.52	3.05	2.42	79		0	MS	HW		broken core
26.52	29.57	3.05	2.97	97	0.62	20	MS	HW		
29.57	32.61	3.04	2.92	96	1.18	39	MS	SW		
32.61	35.66	3.05	3.11	102	1.81	59	W	SW		
35.66	38.71	3.05	2.67	88	1.00	33	MS	SW		
38.71	41.74	3.03	2.96	98	1.01	33	MS	SW		
41.74	44.81	3.07	3.02	98	1.79	58	MS	SW		
44.81	47.85	3.04	2.94	97	1.41	46	MS	SW		
47.85	50.90	3.05	2.98	98	1.98	65	MS	SW		
50.90	53.95	3.05	2.81	92	1.34	44	MS	SW		
53.95	57.00	3.05	2.97	97	1.54	50	MS	SW		
57.00	60.05	3.05	2.98	98	1.03	34	MS	SW		
60.05	63.09	3.04	2.99	98	1.76	58	MS	SW		
63.09	66.14	3.05	3.03	99	2.28	75	MS	FR		
66.14	69.19	3.05	3.05	100	1.52	50	MS	FR		
69.19	72.24	3.05	3.04	100	1.71	56	MS	FR		
72.24	75.29	3.05	3.06	100	2.55	84	MS	FR		
75.29	78.33	3.04	2.81	92	0.43	14	MS	FR		
78.33	81.38	3.05	2.96	97	1.43	47	MS	FR		
81.38	84.43	3.05	3.05	100	1.27	42	MS	FR		
84.43	87.48	3.05	3.03	99	0.64	21	MS	FR		
87.48	90.53	3.05	2.97	97	1.87	61	MS	FR		
90.53	93.57	3.04	2.95	97	1.41	46	MS	FR		
93.57	96.62	3.05	2.84	93	0.18	6	MS	FR		
96.62	99.67	3.05	2.71	89	0.30	10	S	FR		
99.67	102.72	3.05	2.83	93	0.00	0	S	FR		
102.72	105.77	3.05	2.67	88	0.72	24	S	FR		
105.77	108.81	3.04	2.65	87	0.00	0	W	FR		
108.81	111.86	3.05	2.94	96	0.00	0	W	FR		
111.86	114.91	3.05	3.06	100	0.59	19	MS	FR		
114.91	117.96	3.05	3.02	99	1.29	42	MS	FR		
117.96	121.01	3.05	2.97	97	0.45	15	MS	FR		
121.01	124.05	3.04	2.86	94	0.39	13	W	FR		
124.05	127.10	3.05	2.97	97	1.35	44	MS	FR		
127.10	130.15	3.05	3.03	99	2.12	70	W	FR		
130.15	133.20	3.05	3.02	99	1.36	45	MS	FR		
133.20	136.25	3.05	3.09	101	1.04	34	S	FR		
136.25	139.29	3.04	2.89	95	2.26	74	S	FR		
139.29	142.34	3.05	2.89	95	1.82	60	S	FR		
142.34	145.39	3.05	2.86	94	1.62	53	S	FR		
145.39	148.44	3.05	3.00	98	1.77	58	S	FR		
148.44	151.49	3.05	3.02	99	2.29	75	MS	FR		
151.49	154.53	3.04	2.92	96	0.46	15	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
154.53	157.58	3.05	2.97	97	2.02	66	MS	FR		
157.58	160.63	3.05	2.90	95	1.45	48	MS	FR		
160.63	163.68	3.05	2.95	97	1.68	55	MS	FR		
163.68	166.73	3.05	2.98	98	1.09	36	W	FR		
166.73	169.77	3.04	2.96	97	1.20	39	W	FR		
169.77	172.82	3.05	2.97	97	0.79	26	MS	FR		
172.82	175.87	3.05	2.74	90	1.53	50	MS	FR		
175.87	178.92	3.05	3.07	101	1.96	64	MS	FR		
178.92	181.97	3.05	3.03	99	1.49	49	S	FR		
181.97	185.01	3.04	2.92	96	1.71	56	MS	FR		
185.01	188.06	3.05	2.99	98	2.03	67	W	FR		
188.06	191.11	3.05	3.03	99	1.75	57	S	FR		
191.11	194.16	3.05	3.08	101	2.25	74	S	FR		
194.16	197.21	3.05	3.03	99	2.50	82	S	FR		
197.21	200.25	3.04	2.96	97	2.26	74	MS	FR		
200.25	203.30	3.05	3.00	98	1.87	61	MS	FR		
203.30	206.35	3.05	3.05	100	1.21	40	MS	FR		
206.35	209.40	3.05	2.97	97	0.67	22	MS	FR		
209.40	212.45	3.05	2.96	97	1.15	38	MS	FR		
212.45	215.49	3.04	3.05	100	1.87	62	MS	FR		
215.49	218.54	3.05	3.09	0	1.07	35	MS	FR		
218.54	221.59	3.05	2.98	98	1.28	42	MS	FR		
221.59	224.64	3.05	3.06	100	1.98	65	MS	FR		
224.64	227.69	3.05	3.09	101	2.61	86	MS	FR		
227.69	230.73	3.04	2.95	97	1.81	60	MS	FR		
230.73	233.78	3.05	3.01	99	1.72	56	S	FR		
233.78	236.83	3.05	3.00	98	2.62	86	S	FR		
236.83	239.88	3.05	3.00	98	2.44	80	S	FR		
239.88	242.93	3.05	3.04	100	2.35	77	S	FR		
242.93	245.97	3.04	3.05	100	2.01	66	S	FR		
245.97	249.02	3.05	2.89	95	2.48	81	S	FR		
249.02	252.07	3.05	2.98	98	1.09	36	MS	FR		
252.07	255.12	3.05	3.02	99	2.01	66	MS	FR		
255.12	258.17	3.05	3.01	99	1.43	47	MS	FR		
258.17	261.21	3.04	2.96	97	1.84	61	MS	FR		
261.21	264.26	3.05	2.86	94	1.49	49	MS	FR		
264.26	267.31	3.05	3.01	99	2.39	78	MS	FR		
267.31	270.36	3.05	3.06	100	2.32	76	W	FR		
270.36	273.41	3.05	2.98	98	1.73	57	MS	FR		
273.41	276.45	3.04	2.96	97	2.09	69	MS	FR		
276.45	279.50	3.05	3.09	101	2.23	73	MS	FR		
279.50	282.55	3.05	3.01	99	2.38	78	MS	FR		
282.55	285.60	3.05	2.87	94	2.23	73	MS	FR		
285.60	288.65	3.05	3.08	101	2.86	94	MS	FR		
288.65	291.70	3.05	3.02	99	2.59	85	MS	FR		
291.70	294.74	3.04	3.10	102	2.46	81	MS	FR		
294.74	297.79	3.05	3.01	99	1.85	61	W	FR		
297.79	300.84	3.05	2.83	93	0.92	30	S	FR		
300.84	303.89	3.05	3.06	100	2.60	85	S	FR		
303.89	306.93	3.04	3.04	100	2.85	94	S	FR		
306.93	309.98	3.05	3.06	100	2.96	97	S	FR		
309.98	313.03	3.05	3.05	100	2.19	72	S	FR		
313.03	316.08	3.05	3.00	98	2.62	86	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
316.08	319.13	3.05	3.01	99	2.58	85	S	FR		
319.13	322.17	3.04	3.03	100	2.84	93	S	FR		
322.17	325.22	3.05	3.04	100	2.85	93	S	FR		
325.22	328.27	3.05	3.07	101	2.94	96	S	FR		
328.27	331.32	3.05	2.97	97	1.86	61	S	FR		
331.32	334.37	3.05	3.02	99	1.12	37	S	FR		
334.37	337.41	3.04	3.05	100	1.81	60	S	FR		
337.41	340.46	3.05	3.04	100	2.16	71	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-62

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	5.18	5.18		0							No Sample
5.18	8.23	3.05	3.04	100	K973612	1					
8.23	11.28	3.05	2.87	94	K973613	1					
11.28	12.28	1.00	1.00	100	K973614	1					
12.28	13.28	1.00	1.00	100	K973615	1					
13.28	15.17	1.89	1.68	89	K973616	1					
15.17	16.17	1.00	1.00	100	K973617	1					
16.17	18.59	2.42	2.44	101	K973618	1					
18.59	20.34	1.75	1.66	95	K973619	1					
20.34	21.34	1.00	0.89	89	K973620	1					
					K973621	1					Blank
21.34	23.47	2.13	1.87	88	K973622	1					
23.47	25.74	2.27	1.91	84	K973623	1					
25.74	26.74	1.00	0.65	65	K973624	1					
26.74	28.26	1.52	1.38	91	K973625	1					
28.26	29.57	1.31	1.20	92	K973626	1					
29.57	32.61	3.04	3.02	99	K973627	1					
					K973628	1					Standard ME-16
32.61	35.66	3.05	3.05	100	K973629	1					
35.66	38.69	3.03	3.00	99	K973630	1					
38.69	39.74	1.05	1.05	100	K973631	1					
					K973632	1					Standard PL-2
39.74	41.76	2.02	2.02	100	K973633	1					
41.76	44.81	3.05	3.02	99	K973634	1					
44.81	47.14	2.33	2.28	98	K973635	1					
					K973636	1					Duplicate
47.14	49.03	1.89	1.78	94	K973637	1					
49.03	50.46	1.43	1.35	94	K973638	1					
50.46	51.81	1.35	1.35	100	K973639	1					
51.81	52.81	1.00	1.00	100	K973640	1					
					K973641	1					Blank
52.81	54.35	1.54	1.20	78	K973642	1					
54.35	55.40	1.05	1.00	95	K973643	1					
55.40	57.00	1.60	1.00	62	K973644	1					
57.00	58.00	1.00	1.00	100	K973645	1					
58.00	59.00	1.00	1.00	100	K973646	1					
59.00	60.26	1.26	1.11	88	K973647	1					
60.26	61.26	1.00	1.00	100	K973648	2					
61.26	62.14	0.88	0.80	91	K973649	2					
62.14	64.43	2.29	2.16	94	K973650	2					
64.43	66.90	2.47	2.45	99	K973651	2					
66.90	68.03	1.13	1.00	88	K973652	2					
68.03	70.97	2.94	2.80	95	K973653	2					
70.97	72.84	1.87	1.75	94	K973654	2					
					K973655	2					Standard ME-16
72.84	74.75	1.91	1.75	92	K973656	2					
74.75	76.66	1.91	1.85	97	K973657	2					
76.66	78.44	1.78	1.82	102	K973658	2					
78.44	80.31	1.87	1.51	81	K973659	2					
80.31	81.46	1.15	1.10	96	K973660	2					
					K973661	2					Blank
81.46	82.43	0.97	0.97	100	K973662	2					
82.43	83.43	1.00	1.00	100	K973663	2					
83.43	85.95	2.52	2.44	97	K973664	2					
85.95	86.95	1.00	1.00	100	K973665	2					
86.95	89.95	3.00	2.90	97	K973666	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
89.95	92.86	2.91	2.74	94	K973667	2					
					K973668	2					Standard ME-16
92.86	94.58	1.72	1.47	86	K973669	2					
94.58	95.72	1.14	1.03	90	K973670	2					
95.72	96.75	1.03	1.03	100	K973671	2					
96.75	97.75	1.00	0.92	92	K973672	2					
					K973673	2					Blank
97.75	99.46	1.71	1.50	88	K973674	2					
99.46	100.46	1.00	1.00	100	K973675	2					
100.46	102.23	1.77	1.60	90	K973676	2					
102.23	105.05	2.82	2.33	83	K973677	2					
105.05	106.05	1.00	1.00	100	K973678	2					
106.05	108.81	2.76	2.37	86	K973679	2					
108.81	110.03	1.22	1.06	87	K973680	2					
110.03	111.03	1.00	1.00	100	K973681	2					
111.03	114.03	3.00	2.89	96	K973682	2					
114.03	117.03	3.00	2.90	97	K973683						
					K973684	3					Duplicate
117.03	120.03	3.00	2.89	96	K973685	3					
120.03	121.42	1.39	1.43	103	K973686	3					
121.42	124.05	2.63	2.60	99	K973687	3					
124.05	127.10	3.05	2.72	89	K973688	3					
127.10	130.15	3.05	3.02	99	K973689	3					
130.15	133.20	3.05	2.89	95	K973690	3					
					K973691	3					Standard ME-16
133.20	134.95	1.75	1.71	98	K973692	3					
134.95	136.55	1.60	1.58	99	K973693	3					
136.55	137.56	1.01	0.99	98	K973694	3					
137.56	140.56	3.00	2.86	95	K973695	3					
140.56	143.56	3.00	2.90	97	K973696	3					
143.56	146.56	3.00	2.95	98	K973697	3					
					K973698	3					Blank
146.56	148.44	1.88	1.86	99	K973699	3					
148.44	150.96	2.52	2.51	100	K973700	3					
150.96	151.96	1.00	1.00	100	K973701	3					
151.96	154.53	2.57	2.54	99	K973702	3					
154.53	157.24	2.71	2.48	92	K973703	3					
157.24	158.24	1.00	0.97	97	K973704	3					
158.24	159.39	1.15	1.15	100	K973705	3					
					K973706	3					Duplicate
159.39	161.03	1.64	1.38	84	K973707	3					
161.03	162.35	1.32	1.15	87	K973708	3					
162.35	163.68	1.33	1.25	94	K973709	3					
163.68	164.90	1.22	1.22	100	K973710	3					
					K973711	3					Blank
164.90	166.73	1.83	1.70	93	K973712	3					
166.73	169.77	3.04	2.98	98	K973713	3					
169.77	171.40	1.63	1.63	100	K973714	3					
171.40	172.20	0.80	0.80	100	K973715	3					
172.20	173.20	1.00	1.00	100	K973716	3					
173.20	175.87	2.67	2.35	88	K973717	3					
					K973718	3					Standard ME-16
175.87	178.92	3.05	3.05	100	K973719	4					
178.92	181.97	3.05	3.02	99	K973720	4					
181.97	183.67	1.70	1.64	96	K973721	4					
183.67	185.50	1.83	1.82	99	K973722	4					
185.50	187.00	1.50	1.21	81	K973723	4					
187.00	189.27	2.27	2.27	100	K973724	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
189.27	190.27	1.00	1.00	100	K973725	4					
					K973726	4					Blank
190.27	192.34	2.07	2.07	100	K973727	4					
192.34	194.16	1.82	1.82	100	K973728	4					
194.16	197.21	3.05	3.00	98	K973729	4					
197.21	200.25	3.04	2.97	98	K973730	4					
					K973731	4					Standard ME-16
200.25	203.30	3.05	2.90	95	K973732	4					
203.30	205.64	2.34	2.32	99	K973733	4					
205.64	206.64	1.00	0.99	99	K973734	4					
206.64	209.40	2.76	2.76	100	K973735	4					
209.40	211.69	2.29	1.99	87	K973736	4					
211.69	212.69	1.00	1.00	100	K973737	4					
					K973738	4					Blank
212.69	214.58	1.89	1.87	99	K973739	4					
214.58	215.75	1.17	1.12	96	K973740	4					
215.75	217.00	1.25	1.25	100	K973741	4					
217.00	218.23	1.23	1.23	100	K973742	4					
218.23	219.76	1.53	1.33	87	K973743	4					
219.76	220.76	1.00	1.00	100	K973744	4					
220.76	223.76	3.00	3.00	100	K973745	4					
223.76	225.73	1.97	1.97	100	K973746	4					
225.73	226.73	1.00	0.98	98	K973747	4					
					K973748	4					Duplicate
226.73	229.89	3.16	3.10	98	K973749	4					
					K973750	4					Standard ME-16
229.89	232.98	3.09	3.00	97	K973751	4					
232.98	233.98	1.00	1.00	100	K973752	4					
233.98	236.71	2.73	2.65	97	K973753	4					
236.71	238.34	1.63	1.59	98	K973754	4					
238.34	240.52	2.18	2.18	100	K973755	5					
240.52	241.11	0.59	0.58	98	K973756	5					
241.11	243.05	1.94	1.93	99	K973757	5					
243.05	245.20	2.15	2.12	99	K973758	5					
245.20	246.20	1.00	0.93	93	K973759	5					
					K973760	5					Blank
246.20	247.46	1.26	1.26	100	K973761	5					
247.46	248.57	1.11	0.99	89	K973762	5					
					K973763	5					Duplicate
248.57	249.97	1.40	1.39	99	K973764	5					
249.97	252.07	2.10	1.84	88	K973765	5					
252.07	253.74	1.67	1.52	91	K973766	5					
					K973767	5					Standard ME-16
253.74	255.85	2.11	2.07	98	K973768	5					
255.85	257.57	1.72	1.72	100	K973769	5					
257.57	258.57	1.00	0.95	95	K973770	5					
258.57	259.57	1.00	0.98	98	K973771	5					
259.57	260.73	1.16	1.15	99	K973772	5					
					K973773	5					Blank
260.73	262.82	2.09	2.10	100	K973774	5					
262.82	264.26	1.44	1.43	99	K973775	5					
264.26	267.31	3.05	2.36	77	K973776	5					
267.31	270.36	3.05	3.00	98	K973777	5					
270.36	271.49	1.13	1.13	100	K973778	5					
271.49	273.51	2.02	2.02	100	K973779	5					
273.51	275.03	1.52	1.52	100	K973780	5					
275.03	276.03	1.00	0.86	86	K973781	5					
276.03	278.95	2.92	2.73	93	K973782	5					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K973783	5					Standard ME-16
278.95	281.77	2.82	2.71	96	K973784	5					
281.77	283.51	1.74	1.74	100	K973785	5					
283.51	286.32	2.81	2.25	80	K973786	5					
286.32	287.32	1.00	1.00	100	K973787	5					
287.32	290.03	2.71	2.70	100	K973788	5					
290.03	291.33	1.30	1.30	100	K973789	5					
291.33	292.81	1.48	1.28	86	K973790	5					
292.81	293.81	1.00	1.00	100	K973791	6					
293.81	296.51	2.70	2.70	100	K973792	6					
296.51	299.05	2.54	2.50	98	K973793	6					
299.05	300.70	1.65	1.65	100	K973794	6					
300.70	301.70	1.00	0.94	94	K973795	6					
301.70	303.89	2.19	2.19	100	K973796	6					
303.89	306.93	3.04	3.02	99	K973797	6					
306.93	309.98	3.05	3.05	100	K973798	6					
					K973799	6					Standard ME-16
309.98	313.03	3.05	3.00	98	K973800	6					
313.03	316.08	3.05	3.01	99	K973801	6					
316.08	316.89	0.81	0.81	100	K973802	6					
316.89	319.13	2.24	2.20	98	K973803	6					
319.13	320.47	1.34	1.21	90	K973804	6					
					K973805	6					Standard ME-16
320.47	321.47	1.00	0.98	98	K973806	6					
321.47	322.65	1.18	1.17	99	K973807	6					
322.65	323.65	1.00	1.00	100	K973808	6					
					K973809	6					Blank
323.65	324.65	1.00	0.98	98	K973810	6					
324.65	325.89	1.24	1.17	94	K973811	6					
325.89	328.27	2.38	2.30	97	K973812	6					
328.27	331.32	3.05	3.03	99	K973813	6					
331.32	334.37	3.05	2.98	98	K973814	6					
334.37	337.41	3.04	3.02	99	K973815	6					
337.41	338.74	1.33	1.33	100	K973816	6					
	.				K973817	6					Blank
338.74	340.46	1.72	1.66	97	K973818	6					
											EOH!!!!

DENSITY LOG

Hole: **KL-11-62**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	pyrite %	arseno %	sphal %	Other	%							
												2004.3	1756.3	2000g standard		8.08
172.87	VEN/GRD	BN	Arg	s	20		3			9.682	6.371	935.4	636.7		3.03	3.13
												1998	1753.2	2000g standard		8.16
275.71	VEN		Qtz		30	1				10.687	6.349	1114.7	791.7		3.29	3.45
300.38	VEN		Qtz		15	<1	30			9.797	6.35	1037.4	745.3		3.34	3.55

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-62

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Overburden
2.00				Overburden
3.00				Overburden
4.00				Overburden
5.00			26.67	
6.00			34.84	
7.00			29.07	
8.00			24.98	
9.00			23.95	
10.00			35.89	
11.00			45.37	
12.00			32.37	
13.00			1.076	
14.00			34.51	
15.00			43.31	
16.00			0.469	
17.00			9.744	
18.00			15.96	
19.00			0.869	
20.00			0.673	
21.00			0.463	
22.00			0.116	dyke
23.00			0.182	dyke
24.00				dyke-broken core
25.00				dyke-broken core
26.00				dyke-broken core
27.00			0.209	clay/gouge
28.00			0.23	
29.00			0.514	
30.00			0.473	
31.00			0.741	
32.00			1.339	
33.00			0.463	
34.00			0.286	
35.00			0.345	
36.00			0.265	
37.00			0.23	
38.00			0.194	
39.00			0.283	
40.00			0.519	
41.00			1.072	
42.00			0.829	
43.00			10.8	
44.00			0.631	
45.00			27.58	
46.00			1.478	
47.00			8.32	
48.00			0.438	
49.00			0.311	
50.00			0.948	
51.00			846	
52.00			0.542	
53.00			0.558	
54.00			0.452	
55.00			0.405	
56.00			0.559	
57.00			0.695	
58.00			1.381	
59.00			0.692	
60.00			1.929	
61.00			1.106	
62.00			0.43	
63.00			15.21	
64.00			0.832	
65.00			0.293	
66.00			0.926	
67.00			0.497	
68.00			0.457	
69.00			4.662	
70.00			12.2	
71.00			24.92	
72.00			24.81	
73.00			1.051	
74.00			0.199	
75.00			0.267	
76.00			0.231	
77.00			0.246	
78.00			0.213	
79.00			0.809	
80.00			22.88	
81.00			1.388	
82.00			1.102	
83.00			1.738	
84.00			0.876	
85.00			0.427	
86.00			0.558	
87.00			0.855	
88.00			0.853	
89.00			0.574	
90.00			0.79	
91.00			0.392	
92.00			0.487	
93.00			0.444	
94.00				Clay/Gouge
95.00				Clay/Gouge
96.00			0.36	
97.00			0.295	
98.00				Shattered core
99.00			0.775	
100.00			0.15	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			0.306	
102.00			0.304	
103.00			1.017	
104.00			0.177	
105.00			2.407	
106.00				Shattered core
107.00				Shattered core
108.00				Shattered core
109.00				Shattered core
110.00			0.362	
111.00			0.29	
112.00			0.265	
113.00			0.848	
114.00			0.597	
115.00			0.709	
116.00			0.618	
117.00			0.847	
118.00			0.758	
119.00			0.675	
120.00			0.54	
121.00				Shattered core
122.00			0.477	
123.00			0.405	
124.00			0.391	
125.00			0.984	
126.00			0.53	
127.00			13.6	
128.00			6.488	
129.00			22.53	
130.00			23.41	
131.00			9.966	
132.00			2.345	
133.00			2.259	
134.00			7.055	
135.00			0.575	
136.00			1.145	
137.00			0.254	
138.00			1.272	
139.00			1.294	
140.00			0.672	
141.00			0.328	
142.00			0.509	
143.00			1.215	
144.00			0.92	
145.00			5.581	
146.00			7.201	
147.00			13.35	
148.00			19.73	
149.00			29.98	
150.00			6.715	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			1.27	
152.00			1.202	
153.00			0.405	
154.00			0.734	
155.00			10.03	
156.00			0.723	
157.00			0.599	
158.00			0.619	
159.00			0.283	
160.00			0.29	
161.00			0.337	
162.00			0.239	
163.00			0.178	
164.00			0.107	
165.00			0.293	
166.00			0.352	
167.00			0.7413	
168.00			1.14	
169.00			1.115	
170.00			0.264	
171.00			0.704	
172.00			0.404	
173.00			0.544	
174.00			24.4	
175.00			1.258	
176.00			0.727	
177.00			3.007	
178.00			2.353	
179.00			14.42	
180.00			9.318	
181.00			24.01	
182.00			35.68	
183.00			3.475	
184.00			4.943	
185.00			2.458	
186.00			0.727	
187.00			0.346	
188.00			0.372	
189.00			0.792	
190.00			1.044	
191.00			0.576	
192.00			0.162	
193.00			11.41	
194.00			18.85	
195.00			13.2	
196.00			36.86	
197.00			14.5	
198.00			6.546	
199.00			19.38	
200.00			22.09	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			1.776	
202.00			25.6	
203.00			35.59	
204.00			24.38	
205.00			37.66	
206.00			0.907	
207.00			41.1	
208.00			1.094	
209.00			5.784	
210.00			22.92	
211.00			0.623	
212.00			0.967	
213.00			0.596	
214.00			0.371	
215.00			0.786	
216.00			25.3	
217.00			1.017	
218.00			0.611	
219.00			1.765	
220.00			0.615	
221.00			1.022	
222.00			19.95	
223.00			19.87	
224.00			2.603	
225.00			9.046	
226.00			1.067	
227.00			1.085	
228.00			31.97	
229.00			19.27	
230.00			27.93	
231.00			24.74	
232.00			26.07	
233.00			0.772	
234.00			0.511	
235.00			0.539	
236.00			0.779	
237.00			6.616	
238.00			0.761	
239.00			3.313	
240.00			24.78	
241.00			1.808	
242.00			47.33	
243.00			37.19	
244.00			41.63	
245.00			1.566	
246.00			53.85	
247.00			38.27	
248.00			17.64	
249.00			46.17	
250.00			38.22	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			15.71	
252.00			37.22	
253.00			0.8	
254.00			1.734	
255.00			0.783	
256.00			0.656	
257.00			0.733	
258.00			0.373	
259.00			0.397	dyke
260.00			0.204	dyke
261.00			0.317	dyke
262.00			0.319	dyke
263.00			0.287	dyke
264.00			0.264	dyke
265.00			0.289	dyke
266.00			0.394	dyke
267.00			0.273	dyke
268.00			0.331	dyke
269.00			0.264	dyke
270.00			0.293	dyke
271.00			0.53	dyke
272.00			0.248	
273.00			0.271	
274.00			0.656	
275.00			0.616	
276.00			0.297	
277.00			17.18	
278.00			18.13	
279.00			0.592	
280.00			43.47	
281.00			12.77	
282.00			22.62	
283.00			9.638	
284.00			37.6	
285.00			25.8	
286.00			0.79	
287.00			1.329	
288.00			0.545	
289.00			30.97	
290.00			0.865	
291.00			0.839	
292.00			0.614	
293.00			0.59	
294.00			36.99	
295.00			34.15	
296.00			44.93	
297.00			1.395	
298.00			12.222	
299.00			0.42	quartz vein
300.00			0.236	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			1.074	
302.00			1.668	
303.00			41.85	
304.00			39.7	
305.00			37.89	
306.00			33.02	
307.00			37.18	
308.00			19.88	
309.00			28.93	
310.00			38.83	
311.00			41.73	
312.00			35.76	
313.00			11.69	
314.00			24.5	
315.00			0.448	
316.00			23.3	
317.00			1.412	
318.00			52.29	
319.00			39.21	
320.00			21.35	
321.00			0.8	
322.00			0.853	
323.00			0.508	
324.00			0.5	
325.00			26.94	
326.00			34.21	
327.00			22.57	
328.00			46.22	
329.00			52.36	
330.00			48.91	
331.00			59.14	
332.00			51.45	
333.00			53.31	
334.00			52.4	
335.00			91.21	
336.00			52.51	
337.00			34.39	
338.00			3.063	
339.00			14.4	
340.00			18.84	EOH

BOX LOG

HOLE: KL-11-62

BOX	FROM (m)	TO (m)
1	0.00	5.74
2	5.74	9.95
3	9.95	14.14
4	14.14	18.16
5	18.16	22.02
6	22.02	25.07
7	25.07	28.79
8	28.79	32.72
9	32.72	36.49
10	36.49	40.32
11	40.32	44.22
12	44.22	48.14
13	48.14	52.30
14	52.30	56.18
15	56.18	60.19
16	60.19	64.15
17	64.15	68.14
18	68.14	72.36
19	72.36	76.66
20	76.66	80.78
21	80.78	84.89
22	84.89	89.23
23	89.23	93.57
24	93.57	97.54
25	97.54	101.56
26	101.56	105.53
27	105.53	109.19
28	109.19	113.26
29	113.26	117.33
30	117.33	121.28
31	121.28	125.06
32	125.06	129.14
33	129.14	132.94
34	132.94	136.85
35	136.85	

BOX	FROM (m)	TO (m)
36	141.13	145.03
37	145.03	148.93
38	148.93	152.72
39	152.72	156.78
40	156.78	160.68
41	160.68	164.49
42	164.49	168.51
43	168.51	172.56
44	172.56	176.43
45	176.43	180.42
46	180.42	184.37
47	184.37	188.31
48	188.31	192.29
49	192.29	196.61
50	196.61	200.87
51	200.87	205.02
52	205.02	209.18
53	209.18	213.54
54	213.54	217.19
55	217.19	221.37
56	221.37	225.59
57	225.59	229.89
58	229.89	234.14
59	234.14	238.43
60	238.43	242.78
61	242.78	246.81
62	246.81	250.93
63	250.93	255.00
64	255.00	258.76
65	258.76	262.82
66	262.82	266.89
67	266.89	270.74
68	270.74	274.78
69	274.78	278.95
70	278.95	283.13

BOX	FROM (m)	TO (m)
71	283.13	287.35
72	287.35	291.43
73	291.43	295.54
74	295.54	299.58
75	299.58	303.65
76	303.65	307.95
77	307.95	311.94
78	311.94	316.08
79	316.08	320.28
80	320.28	324.52
81	324.52	328.58
82	328.58	332.62
83	332.62	336.63
84	336.63	340.46
		EOH

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382788.12	6889963.1	1396.32	434.95

SECTION:

HOLE: KL-11-63

CLAIM:

Contractor: Strike Drilling

Drill:

Core size: HQ

Casing depth: 0.00 (m) in / out

Drilling dates:

Geology logged by: C. Richardson

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50	compass	252.07	40.5	-50.1	Ranger
69.19	36.2	-49	Ranger	313.03	38.8	-50.5	Ranger
130.15	36.4	-49.3	Ranger	373.99	45.2	-51	Ranger
191.11	37.8	-49.7	Ranger	434.95	52.7	-51.4	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	9.14	9.14	OVB	Casing/No recovery
9.14	52.47	43.33	GRD	Patchy phyllic and propylitic altered granodiorite.
				oxidized interval decreasing in intensity downhole.
52.47	78.35	25.88	GRD	Highly altered granodioirte. Some sulphide veins and
				veinlets. Gouge intervals present upto 1 m wide.
				zones hosting pervasive pyrite.
78.35	167.78	89.43	GRD	Moderate propylitic alteration grading to unaltered
				granodiorite. Altered envelopes around quartz sulphid
				veins.
167.78	251.46	83.68	GRD	Highly phyllic altered granodioirte. Numerous quartz
				veins throughout interval.
251.46	299.83	48.37	VEN	Vein zone hosted in altered granodioirte. Numerous
				massive sulphide veins. Galena, pyrite, arsenopyrite
				and sphalerite all present.
299.83	366.19	66.36	VEN	Weaker vein zone than above. Massive sulphides
				still present.
366.19	427.21	61.02	GRD	weakly altered granodioirte. EOH 427.21 m.

SAMPLES

Numbers: K973819-K974000, K974051-K974153

Total: 281

Batch: Batch 1-8

Date Sent:

Certificate: WH11188854, WH11188858, WH11193193, WH11193195, WH11193197, WH11193329, WH11194141, WH11196870, WH11248879

COMMENTS

GEOLOGY LOG

HOLE: KL-11-63

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
0.00	9.14					OVB	BN																				Overburden and oxidized granodiorite blocks
			0.00	0.15		OVB	BK																				"A" or organic horizon. Dark soil
			0.15	0.23		OVB	GY																				Ash layer.
			0.23	0.91		OVB	BN																				"B" horizon. Brown and grey clay
9.14	14.73					GRD	OR	MA				s															Moslty oxidized granodiorite.Hematite and goethite coating fractures. Core is mostly fractured and broken. Oxidized reminants of quartz-sulphide veins.
			12.21	12.29		VEN	BN					s			VT	85	0.8	3									Oxidized quartz sulphide veinlets?
14.73	23.14					GRD	OR	MA				m															Moderate oxidized granodiorite with patches of o phyllic, argillic, and and propyllitic alteration. Oxidized quartz veins with and without sulphide throughout.
			14.73	15.18		GRD	GN		m			ms			VT	65	0.5	3		t							Moderate phyllic alteration with quartz veinlets and pyrite. Mostly oxidized.
			15.89	16.20		GRD	GN		m			w			VT	85	0.5	4									Phyllic alteration in granodiorite with black tourmaline surrounding beige carbonate veinlets.
			16.69	17.39		GRD	GN		f	ms		w															Fair phyllic and moderatly strong argillic alteration in granodiorite. Weak oxidation.
			17.39	19.13		GRD	OR	MA		s		s															Strong argillic alteration and strong oxidation in granodiorite. Orange clay.
			19.13	20.33		VEN	OR					f			VN	0	?	1		f							Large milky quartz vein running parallel with core. Cannot determine width. Orange oxidation and disseminated pyrite throughout. White and black stringers throughout. Patchy propyllitic and argillic alteration with oxidized veinlets.
															ST	90	0.1	5									
			20.33	23.14		GRD	WHGN	MA	m	m		m			VT	80	0.1	4									Patchy propyllitic and argillic alteration with oxidized veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
23.14	42.94					GRD	GN	MA					pro	w													Unaltered to weak propyllitic alteration in granodiorite. Phyllic and argillic alteration envelopes surrounding quartz-sulphide veins. Dark mafic xenoliths throughout. Dark stringers and beige carbonate stringers throughout. Fractures filled with orange, brown, yellow, and black oxide (hematite, goethite, and limonite).
															ST	85	0.1	4									
			24.47	25.02		GRD	LTGN	EN		m		f															Moderate phyllic envelope in granodiorite with oxidized fractures.
			25.56	26.04		GRD	WHPK	EN	m	m		f															Phyllic and argillic alteration envelope. Pink clay. Oxidized fractures.
			26.62	26.75		GRD	LTGN	EN		m					VT	90	0.3	1				85%					Phyllic alteration envelope with massive sulphide (sphalerite) veinlet surrounded by beige carbonate.
			32.77	33.11		GRD	GN	EN	m						VT	90	0.5	2		f		m					Phyllic alteration envelope with dark green veinlets with sphalerite and pyrite.
			33.80	34.24		GRD	LTGN	EN	ms			f			VN	85	4	1		m		w					Phyllic alteration envelope surrounding intermixed milky quartz/beige carbonate and pyrite+sphalerite vein. Some oxidation in vein.
			35.61	37.46		GRD	LTGN	EN	s				pro	m	VN	35	1	1									Phyllic and propyllitic envelope with milky quartz vein (~1cm wide) with no sulphide, large orange quartz vein with pyrite, and beige carbonate veinlets. Spots of black tourmaline throughout. Oxidized fractures (goethite and hematite).
															VN	35	2.5	1		w							
															VT	85	0.8	4									
			38.61	38.90		GRD	LTGN	EN	m						VT	55	0.6	2		f							Phyllic alteration envelope surrounding beige carbonate and pyrite veinlets.
			39.72	40.42		GRD	LTGN	EN	f						VT	80	0.5	4				f					phyllic alteration in granodiorite with dark veinlets with sphalerite.
42.94	52.47					GRD	LTGN	MA	ms	m		f	pot	f	VT	75	0.6	1		w		f					Phyllic, argillic, and potassic alteration interval. Small patches of weakly altered granodiorite. Quartz-carbonate veinlets throughout interval. Oxidation in fractures but less pervasive than previous interval.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			43.44	43.54		VEN	BG	MA				f			VN	45	2	1		w							Massive beige chalcedony vein with white carbonate stringers and oxidized fractures with pyrite blebs.
			43.54	43.95		GRD	OR	MA				m			VN	30?	2?			w?							Broken core. Carbonate veins and oxidized sulphide. Some disseminated sulphide remains.
			44.68	44.94		GRD	DKGN	MA					pro	w													Weak propyllitic alteration in granodiorite
			49.02	44.94		GRD	DKGN	MA					pro	w													Weak propyllitic alteration in granodiorite
			51.40	51.47		VEN	PKGY	BX							VN	70	7	1				w					Pink chalcedony vein network with granodiorite clasts and sphalerite clasts (1mm-3cm in width).
			52.26	52.47		VEN	BK	PA																			Patchy black tourmaline in granodiorite
52.47	66.63					GRD	GN	MA					pro	w	VT	50	0.4	4									Weak propyllitic alteration in granodiorite with phyllic alteration envelopes surrounding quartz veins. Beige carbonate veinlets with small alteration envelopes (1-4cm) throughout.
			58.86	60.50		GRD	LTGN	MA	s			f			VN	90	0	1				w	w				Phyllic alteration subinterval with quartz-sphalerite galena veinlets, oxidized fractures, and tourmaline throughout.
			61.62	63.40		GRD	LTGN	MA	s			m															Phyllic alteration envelope with oxidized fractures and quartz veins with orange clay. Tourmaline throughout and weak disseminated pyrite.
			61.10	61.16		VEN	WH								VN	35	4	1		w							
			61.86	61.92		VEN	WH								VN	35	2	1		w							
			63.69	63.88		AP	GN																				Aplite dyke? with white carbonate veinlets throughout.
66.63	71.04					GRD	LTGN	MA	ms						VN	80	1	6									Light green phyllic alteration in granodiorite. Frequent pink carbonate veins. Large quartz-sulphide veins. Dopple texture last 10cm of interval with disseminated pyrite.
			68.99	69.04		VEN	GY								VN	85	3	1		s		w					Milky quartz and beige carbonate vein with pyrite and sphalerite clusters. Disseminated pyrite extends into into alteration.
			69.77	69.80		VEN	GY								VN	60	2	1		ms		w	w				smoky quartz vein with pyrite, sphalerite, and galena.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			70.03	70.12		VEN	GYGN	GO							VN	?	7?			f	w	30%	f				Pink chalcedony vein with massive pyrite, sphalerite, galena, and arsenopyrite. Vein encased in gouge with white clay and granodiorite clasts (1mm-1cm).
			70.12	70.58		VEN	GY	MA							VN	90?	46	1		w	w	s	s				White chalcedony vein with massive galena, sphalerite, pyrite, and arsenopyrite.
71.04	76.94					DK	GYRD	MA							V												Fractured fine-grained (aplite?) silicic dyke (green-yellow-red). Gougy intervals on both contacts.
			71.04	71.33		DK	GY	GO												w							Silicic dyke gouge with disseminated pyrite. Clasts ~1mm-1cm wide.
			76.64	76.94		DK	GYOR	GO																			Silicic dyke gouge. White and green clay. Clasts ~1mm-1cm.
76.94	78.35					GRD	LTGN	MA	ms	m																	Phyllic and argillic alteration in granodiorite with gougy subinterval on dyke contact.
			76.94	77.60		GRD	LTGN	GO	ms											w			w				Phyllic alteration and gouge interval. White and greyu clay matrix with milky quartz clasts, granodiorite clasts, and pyrite and galena.
78.35	167.78					GRD	GN	MA	m						VT	85	0.8	3									Moderate propyllitic alteration to unaltered granodiorite with beige quartz veinlets, carbonate veinlets, and phyllic alteration envelopes surrounding quartz-sulphide veins. Core fractured for first ~4m. Fault zone? Some mafic xenoliths and oxidation in fractures (hematite and limonite).
			81.17	81.22		VEN	PK		ms						VN	90?	5?	1		f		f	f				Phyllic alteration envelope around pink chalcedony vein with pyrite, galena, and sphalerite blebs. Core is broken making size of alteration envelope difficult to determine.
			84.15	84.45		GRD	LTGN	EN	ms						VT	75	0.8	5		w			t				Phyllic alteration envelope surrounding beige quartz vein with disseminated pyrite and galena.
			95.86	96.10		GRD	LTGN	EN	ms						VN	90	1	1		t		60%	t				Phyllic alteration envelope surrounding milky quartz vein with massive sphalerite, galena, and pyrite.
			97.09	97.43		GRD	LTGN	EN							VT	90	0	3									Phyllic alteration envelope surrounding dark veinlets.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			98.34	99.05		GRD	LTGN	EN	ms						VN	75	1	3		t							Phyllic alteration envelope with pink chalcedony vein cut and displaced by other quartz vein. Trace disseminated pyrite around veins.
															FT	70	0	1		t							
			104.79	105.59		GRD	LTGN	EN	ms						VN	90	3	1		w		ms	t				Phyllic alteration envelope surrounding milky quartz vein with blebs of sphalerite, pyrite, and galena. Barren pink chalcedony and white quartz vein as well.
															VN	75	2	1									
			108.88	109.11		GRD	LTGN	EN	m						VN	70	2	1		t		f					Phyllic alteration envelope surrouinding milky quartz vein with beige chalcedony, sphalerite, and pyrite.
			109.42	11.06		GRD	LTGN	EN	ms																		Phyllic alteration envelope with milky-quartz flooding with blebs of pyrite and hematite.
			109.66	109.88		VEN	WHRD	FL			I																
			110.68	111.25		VEN	WH								VN	5	1	2									Low angle milky quartz veins with dark margins
			112.35	112.65		GRD	LTGN	EN	ms						VN	85	1	1				f	f				Phyllic alteration envelope with milky quartz, sphalerite, and galena vein.
			114.20	114.37		GRD	LTGN	EN	ms						VT	90	0.8	1		w		w					Phyllic alteration envelope surrounding quartz-pyrite sphalerite veinlet.
			114.57	117.82		GRD	GNPK	EN	ms	m					VN	90	1.4	1		w		f	t				Patchy phyllic and pink argillic alteration. Quartz pyrite-shalerite veins. Barren quartz-beige chalcedony veins throughout.
															VN	85	1	6									
			119.30	119.67		GRD	PKGN	PA	m	ms					ST	70	0.1	5									Argillic and phyllic alteration patch. Beige carbonate stringers throughout.
																											\
			122.22	122.46		GRD	LTGN	EN	ms						VN	90	2	1		f		ms	w				Milky quartz vein with with sphalerite+pyrite+galena in phyllic alteration envelope.
			124.05	124.56		GRD	GN	EN	m																		
						VEN	BG	BA							VN	85	2.4	1									Phyllic alteration envelope surrounding vuggy banded beige carbonate vein and white quartz vein with blebs of pyrite, galena, and sphalerite.
						VEN	WH	MA							VN	90	1.5	1		w		w	f				

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			125.41	127.20		GRD	GNWH	EN	ms	m																	Phyllic and lesser argillic alteration envelope with beige carbonate vein. Vein with sphalerite and pyrite and a milky quartz vein with massive galena, pyrite, and sphalerite.
			126.01	126.08		VEN	BG								VN	80	7	1		w		f					
			126.35	126.41		VEN	MT	MA							VN	80	6	1		f		s	35%				
			127.66	128.78		GRD	LTGN	EN	s						VN	80	1	1		s		m					Phyllic alteration envelope surrounding milky quartz vein with blebs of pyrite and sphalerite.
			129.39	131.13		GRD	LTGN	EN	s																		
			130.42	130.64		VEN	GY	BX							VN	60	2	4		w	s		w				Phyllic alteration enveope surrounding smoky quartz veins with brecciated arsenopyrite, pyrite, and galena. Disseminated pyrite in surrounding alteration.
			134.34	134.84		GRD	LTGN	EN	w				pro	ms	VT	80	0.3	3									Phyllic and propyllitic alteration surrounding grey quartz veinlets.
			137.74	138.72		GRD	LTGN	EN	s						VN	90	3	1		f							Phyllic alteration envelope surrounding smoky quartz vein with blebs of pyrite and clay in fractures. Disseminated pyrite in quartz flooding around vein.
			138.72	140.32		GRD	WHPK	MA		s																	Argillic alteration with pink clay.
			140.71	142.64		GRD	GNPK	PA	m	ms					VT	80	0.8	2									Patchy argillic alteration and phyllic alteration with quartz veinlets and beige carbonate veinlets.
			142.64	142.97		GRD	GN	EN	m						VN	75	1	1									Phyllic alteration envelope with quartz vein
			143.84	144.02		GRD	GN	EN	m						VN	80	1	1		t							Phyllic alteration envelope with white quartz and beige carbonate veinlet. Trace disseminated pyrite in vein.
			146.53	147.17		GRD	GN	EN	m																		
			146.81	146.96		VEN	GY	BA							VN	90	15	1		f		25%					Phyllic alteration envelope surrounding bandec smoky quartz vein with bands beige chalcedony and masive sulphide (sphalerite and pyrite).
			150.44	152.26		GRD	PK	PA	m	m			pro	f													Patchy alteration subinterval with phyllic, argillic and propylltic alteration. Pink clay in argillic alteration.
			152.99	153.86		GRD	GNYW	EN	ms						VT	90	0.1	4		t							Phyllic alteration envelope with quartz veinlets and trace pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			154.53	157.77		GRD	PKGN		m				PRO														Broken core. Patchy alteration interval. Mostly propylitic alteration with patches of phyllic? Fault zone?
			157.77	158.20		GRD	LTGN	EN	ms						VN	1	2	33								Phyllic alteration envelope with white carbonate vein network. Core broken.
			158.20	160.29		GRD	YW	GD	m											f						Broken core with white and grey clay. Yellow altered granodiorite (phyllic?) with tourmaline and pyrite throughout fault gouge zone? Black oxide (goethite) covering fractures.
			162.59	163.54		GRD	GNYW	EN	w	m			PRO	f	VN	?	2	1								Propylitic/phyllic and argillic alteration sub-interval with chalcedony veins. Patchy.
			166.32	167.33		GRD	GN	PA	ms	f																Phyllic and argillic altered sub interval with pink clay
167.78	198.98					GRD	LTGN	FD	ms		s				VN	85	3	1		t						Moderate strong phyllic alteration in granodiorite with chalcedony veins, quartz sulphide veins and black tourmaline. Quartz flooding throughout interval. White clay and carbonate veinlets throughout.
						VEN	BG																			
			170.23	170.45		VEN	RD	MA							VN	15	2	1								Hematized quartz vein
			172.22	172.40		VEN	BG	BX																		Intermixed black/green chalcedony vein network with smokey quartz fracture fill and chlorite clasts (1mm-8mm).
			177.82	177.92		GRD	GNBK	MA																		Spots of black tourmaline in granodiorite
			180.92	181.05		VEN	WH	MA							VN	80	3	1								White carbonate vein network and large irregular calcite fracture fill. Sharp contacts with straight sides.
			181.52	181.59		VEN	GY								VN	90	4	1		t						Intermixed smokey quartz and pink chalcedony vein with trace disseminated pyrite. Larger lumps of pyrite in broken core.
			183.35	183.47		VEN	GY								VN	90	1	1		t						Broken core. Smokey quartz vein fragments with pyrite present.
			183.88	184.11		GRD	GY	FD																		Grey. Quartz flooding in granodiorite
			186.63	186.86		VEN	GY								VN	70	2	4								Series of smokey quartz veins broken by white carbonate vein network.
						VEN	WH								VN	90	1	5								
			188.04	188.10		VEN	GY	DP							VN	75	1	1								Doppled texture. Rounded phyllic granodiorite clasts in transparent-greyish quartz. White carbonate vein on the lower margin.
			188.46	188.53		VEN	WH	MA							VN	40	2	1								Large white carbonate vein surrounded by smaller carbonate veinlets and grey quartz veinlets with weak disseminated pyrite.
															VT	40	1	1		w						
			190.05	190.59		VEN	GY	FD																		Intermixed sub-interval with doppled texture.White carbonate matrix with grey clasts. Grey quartz flodding and spotty propylitic alteration.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			190.59	192.71		GRD	GN	SP					PRO	ms													Spotty propylitic alteration with grey and pink background (altered feldspar).
			192.76	193.10		GRD	GY	FD												w							Grey chalcedony flooded/breccia with phyllic alteration in granodiorite. Pyrite clusters throughout.
			193.84	193.97		VEN	GY								VN	85	2	1					w				Large chalcedony vein with smokey quartz, weak disseminated galena.
			194.76	195.56		GRD	PK	PA	m	ms			PRO	w	VN												Phyllic and argillic alteration patch. Small patches of propylitic alteration surrounding carbonate veins. Pink clay.
			197.92	198.08		VEN	PK								VN	85	1	2				f					Pink chalcedony veins and sphalerite veinlet
198.98	225.00					GRD	GN	MA					PRO	w													Weak to unaltered granodiorite with phyllic alteration envelopes surrounding quartz carbonate veins.
			200.50	200.65		GRD	GN	EN	m						VN	90	2	1		w		t					Phyllic alteration envelope surrounding quartz vein with disseminated pyrite, galena and sphalerite.
			201.32	202.15		GRD	LTGN	EN	ms						VN	50	3	1		f		w					Pink chalcedony vein with smokey quartz grey clay and disseminated pyrite and sphalerite in a phyllic alteration envelope.
			203.10	203.42		GRD	LTGN	EN	m						VN	90	1	1		t		t					Phyllic alteration envelope with quartz/pink chalcedony/sulphide vein. Trace pyrite and sphalerite.
			204.50	204.89		GRD	LTGN	EN	m						VN	85	1	1									Phyllic alteration envelopes surrounding quartz vein.
			208.19	208.45		GRD	LTGN	EN	m						VN	70	3	1		t		t	w				Phyllic alteration envelope with milky quartz, blue green chlorite and blebs of sphalerite, pyrite and galena.
			209.48	210.05		GRD	LTGN	EN	m						VN	75	1	2									Two phyllic alteration envelopes surrounding barren quartz veins.
			210.67	210.74		GRD	GN	EN	f						VN	90	2	1									Small phyllic envelope surrounding banded chlorite and carbonate veins.
			212.37	212.52		GRD	LTGN	EN	m						VN	70	1	1				f	f				Phyllic alteration envelope with yellow alteration in feldspars. Smokey quartz and white clay in vein lenses of galena and sphalerite.
			223.25	224.36		GRD	WHGN		f	ms					VT	50	1	2									Argillic alteration surrounding phyllic alteration with two grey chlorite veinlets. Pink clay in argillic alteration.
225.00	228.98					GRD	LTGN	BL							VT	90	1	3		f		m					Phyllic alteration interval withpatches of black tourmaline throughout as well as large quartz-sulphide veins and blebs of pyrite. Spotty quartz-tourmaline breccia.
								VT												s							
			226.11	226.15		VEN	GY								VN	50	2	1		w							Intermixed smokey quartz vein with disseminated pyrite.
			227.43	227.62		VEN	GY								VN	90	19	1		ms		m	w				Intermixed smokey and milky quartz vein with blebs of pyrite, sphalerite and galena.

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GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other												Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			227.62	228.24		GRD	GN	BX					TOU	f	VN	90	3	1		ms		f					spotty black tourmaline breccia surrounding blue green chlorite vein with blebs of pyrite and sphalerite. Blebs of pyrite throughout subinterval.
228.98	251.46					GRD	GY	MA					PRO	w													Weakly to unaltered propylitic granodiorite with phyllic alteration envelopes surrounding chalcedony and quartz veins.
			231.67	231.85		GRD	GN	EN	w						VT	40	1	1				f					Weak phyllic alteration surrounding sphalerite/hematite veinlet.
			232.41	232.78		GRD	GN	EN	ms						VN	80	1	2									Phyllic alteration envelopes surrounding pink chalcedony veins.
			232.41	232.78		GRD	GN	EN	ms						VN	80	1	2									Phyllic alteration envelope surrounding pink chalcedony veins.
			238.64	238.47		GRD	LTGN	EN	ms						VN	90	2	2		f		w					Phyllic alteration envelope surrounding barren pink chalcedony vein and a smokey quartz vein with patches of pyrite and sphalerite.
			241.85	243.17		GRD	LTGN	EN	ms						VN	80	4	3									Phyllic alteration envelope surrounding pink chalcedony veins.
			251.70	251.15		GRD	LTGN	EN	m						VN	85	1	1									Phyllic alteration envelope surrounding white carbonate veins.
251.46	254.79					GRD	LTGN	MA	ms						ST	90	1	2		s		s					Phyllic alteration interval with blue green chlorite veins, pyrite and sphalerite stringers throughout and quartz/massive sulphide veins.
			252.83	253.02		VEN	GY	BA							VN	90	2	1		25		25					Smokey quartz and blebby bands of pyrite and sphalerite. Gougy contact between two separate veins.
															VN	90	11	1		ms		i					
			254.59	254.67		VEN	GY	BA							VN	90	8	1		25		m					Banded milky quartz, blue green chlorite and massive pyrite and sphalerite vein.
254.79	288.60					GRD	GN	MA					PRO	w	VT	90	1	2		t		t					Weak propylitic to unaltered granodiorite with phyllic alteration envelopes surrounding quartz sulphide veins and patches of argillic alteration. Small white quartz veins with small phyllic envelopes and trace pyrite and sphalerite throughout. Carbonate veinlets throughout.
			255.20	255.60		GRD	PK	MA		ms																	Argillic alteration patch with pink clay.
			255.60	255.96		GRD	LTGN	EN	m						VN	70	3	1				t					Banded pink chalcedony and smokey quartz vein with trace sphalerite in phyllic alteration envelopes.
			257.13	257.93		GRD	LTGN	EN	ms						VN	85	1	3		w							Phyllic alteration envelope with pink chlorite veins with pyrite blebs.
			258.24	258.50		GRD	LTGN	EN	ms						VN	90	1	1		t							Phyllic alteration envelope with pink chlorite veins and trace disseminated pyrite.
			260.71	260.85		GRD	LTGN	EN	ms						VT	80	1	1									Phyllic alteration envelope surrounding barren grey quartz envelopes.
			261.67	261.93		GRD	LTGN	EN	ms						VN	80	2	1		f							Phyllic alteration envelope surrounding milky quartz, blue green chlorite and pyrite blebs.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			266.59	266.90		GRD	LTGN	EN	s						VN	80	2	3		t							Phyllic alteration envelope surrounding white carbonate veins with disseminated pyrite.
			268.15	268.62		GRD	LTGN	EN	s						VN	90	1	1		f		t	ms				Phyllic alteration envelope with banded blue green carbonate, milky quartz, sphalerite and pyrite veins.
			269.92	270.10		GRD	WH			s																	Patch of argillic alteration
			272.69	273.05		GRD	GN	EN	ms						VN		2			ms							Phyllic alteration envelope with pink chalcedony and smokey quartz veins with disseminated pyrite.
			276.00	276.21		GRD	WH			ms																	Argillic alteration in granodiorite
			277.70	277.92		GRD	LTGN	EN	ms											f							Phyllic alteration envelope with blebs of finegrainec pyrite.
			279.07	280.07		GRD	LTGN	EN	s						VN	80	1	4		t							Phyllic alteration envelope with milky quartz veins with trace disseminated pyrite.
			280.07	282.32		GRD	WH			s			PRO	m													Pulverized core. Fault zone? Propyltic and strong argillic alteration.
			282.32	283.23		GRD	LTGN	EN	ms						VN					w							Phyllic alteration envelope with gougy zones, quartz veins, and disseminated pyrite. Broken core - length of gouge and veins difficult to determine.
			284.60	284.97		GRD	LTGN	EN	ms						VN					w							Phyllic alteration envelopes with milky quartz and pink chalcedony veins and disseminated pyrite. Gougy interval with grey clay. Core broken making vein measurements hard to determine.
			285.39	285.60		GRD	LTGN	EN	ms						VN	1	85	1		t							Phyllic alteration envelope with milky quartz vein with disseminated pyrite.
288.60	299.83					GRD	GNPK	PA																			Patchy phyllic and propylitic alteration zone with subintervals of potassic alteration. Gougy sub intervals as well. Massive sulphide veins as well.
			289.70	290.27		GRD	PK	PA					POT	ms													Potassic alteration in granodiorite. K-feldspar anc biotite throughout.
			292.17	294.19		GRD	WH	GO							GO					f							Gougy interval. Core fractured and broken, faul zone. Grey and white clay with clasts 1mm-2cm wide. Broken smokey quartz vein with pyrite in interval.
			295.01	296.01		GRD	PK	PA					POT	s													Potassic alteration in granodiorite. Small patches of phyllic alteration throughout.
			298.22	298.26		VEN	BZ	MA							VN	50	2	1		65							Massive pyrite in milky quartz vein
			298.85	299.83		GRD	WH	MA		ms			PRO	f													Argillic and propylitic alteration patch.
299.83	339.69					GRD	LTGN	MA	s				PRO	w	VT	85	1	3		m							Moderate to strong phyllic alteration interval with propylitic alteration surrounding veins. Large quartz sulphide veins throughout. Intermittent gougy zones Disseminated pyrite and pyrite stringers at various orientations throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			300.75	300.91		VEN	BK	MA							VN	90	16	1		50	m	30	w				Massive sulphide hosted in smokey quartz vein. Dense mixture of pyrite and sphalerite with disseminated patches of arsenopyrite and galena.
			300.91	302.67		GRD	PK		ms		m																Phyllic altered granodiorite with numerous pink chalcedony veins at various orientatins, smokey quartz, white carbonate and sulphide blebs of pyrite and sphalerite in and proximal to smokey quartz veins.
			303.49	303.65		VEN	GY								VN	75	1	1		t							Pink chalcedony vein with blebs (1mm-15cm) of pyrite and chalcedony.
			304.91	305.14		GRD	GY	GO							VN	90	1	3		w							Gougy interval with grey quartz veins. Disseminated pyrite in veins.
			305.96	306.00		VEN	GY								VN	85	4	1		w		t					Milky quartz vein with blebs of pyrite and sphalerite.
			306.39	306.84		VEN	WH								VN	90	2	2		w		t					Milky quartz vein with disseminated pyrite and sphalerite. Pink and grey chalcedony veins at end of interval.
			307.79	307.83		GRD	WH	GO																			Gougy subinterval with white and grey clay and clasts 1-4mm.
			307.96	308.10		GRD	WH	GO							VN	75	1	1		f							Gougy interval surrounding smokey quartz vein. Grey, white and brown clay. Pyrite and granodiorite clasts 1-2mm.
			308.67	308.92		VEN	GY	BA							VN	85	5	1		f		w					Smoky quartz vein with pink chalcedony and milky quartz on the exterior. Broken bands of pyrite and sphalerite in vein.
			308.07	308.12		VEN	GY	BA							VN	90	2	3		f	f	m					Smoky quartz vein . Bands of milky quartz and sphalerite. Blebs of pyrite and arsenopyrite.
			310.14	310.40		VEN	WH	GO							VN	40	1	1		s		w	t				Gougy interval. White clay and clasts (4mm-4cm). Clasts green granodiorite and pyrite. Grey and white clay quartz vein with pyrite, sphalerite and galena.
			310.65	310.74		VEN	GY								VN	90	9	1		ms		w					Millky quartz vein with orange alteration and clusters of pyrite and sphalerite. Vein in broken core. Exact size unknown.
			310.85	310.92		VEN	GY								VN	90	7	1		m		ms					Smoky quartz vein with clusters of pyrite and sphalerite.
			313.70	313.76		VEN	GY	BA							VN	75	6	1		f		w					Banded milky quartz vein with pink-chlorite and pyrite and sphalerite blebs.
			314.96	315.16		GRD	GN	GO																			Gougy subintervals white and grey clay granodiorite clasts (1mm-1.5cm).
			316.35	316.80		GRD	GNWH	GO												w							Gougy subinterval. Broken core - extent is difficult to determine. White clay matrix with clasts 1mm-3cm. Pyrite throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity	Photo	
			319.30	319.45		VEN	GY								VN	90	15	1		f		w					Grey and white quartz vein with disseminated pyrite and sphalerite and pink chalcedony bands. Core is broken making vein measuremnets difficult.
			320.03	322.27		GRD	GN	GO							VN	90	2	2		w		w					Intermittent gouge intervals with pink chalcedony veins and white quartz veins with disseminated pyrite and sphalerite. Broken core.
															GO		5	4									
			323.12	323.20		VEN	GY	MA							VN	90	8	1		f		25					Massive sphalerite pyrite hosted in smoky quartz vein.
			325.49	325.53		VEN	BZ	MA							VN	90	4	1		80							Massive pyrite hosted in milky quartz vein
			325.86	326.82		GRD	GY	GO							VN	90	3	2		w	f	w					Granodioritewith gougy patches and dark arsenopyrite, pyrite, sphalerite veins. Broken core. White grey clay in granodiorite. Pyrite clasts throughout.
															GO												
			326.82	327.99		GRD	GNGY	GO							GO	70	1	7									Green phyllic granodiorite with clay filled veins (gouge?) and gouge with grey clay and pyrite last 5cm of subintervals.
			328.12	328.06		VEN	GY								VN	90	1	2		f							Milky quartz vein with blebs of pyrite
			330.00	331.01		GRD	GN		ms				PRO	f													Spotty propylitic alteration over top of phyllic alteration.
			330.09	332.15		GRD	GYWH	GO																			Gouge/Intense argillic alteration. White and grey clay. Pyrite clasts throughout. Core is broken.
			333.15	333.61		GRD	GN	PA							VT	90	1	3		w							Patchy phyllic, propylitic and potassic alteration. Dark sulphide (pyrite) veinlets throughout.
			335.35	335.40		VEN	GY								VN	90	5	1		f		t					Smoky quartz vein with clusters of pyrite and sphalerite.
			335.87	336.71		GRD	DKGN	SP					PRO	ms													Spotty propylitic alteration.
			338.63	338.83		VEN	GY								VN	40	6	2		m		f					Smoky quartz vein with disseminated fine grained pyrite and patches of sphalerite.
			338.83	339.14		GRD	GY																				Gouge interval with white and grey clay
339.69	343.47					GRD	BK	BX			l				FD		10	6		25							Interval of intense smoky quartz flooding with dark patches of disseminated pyrite and sphalerite. Some massive sulphide veins. Pink chalcedony veins filling in fractures.
			341.81	342.05		VEN	BZ	MA							VN	90	24	1		50	t	30	f				Massive pyrite and sphalerite/galena/arsenopyrite in smoky quartz vein. Pyrite and sphalerite in large massive bands (20cm). Galena and arsenopyrite disseminated in vein.
			343.00	343.35		VEN	GY								VN	90	35	3		m			f				Series of smoky quartz veins with pyrite and sphalerite clusters.
343.47	352.65					POR	GY	PO																			Quartz feldspar porphyry dyke with altered fractures (phyllic?) filled with green and gray clay.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
352.65	354.62					GRD	ORGN	MA	m				PRO	m						f							Strong quartz flooding in phyllic and propylitic altered granodiorite orange alteration throughout. Pyrite blebs throughout.
			353.36	353.50		VEN	BZ								VN	75	15	1		s							Grey quartz vein with massive pyrite clusters
354.62	360.79					POR	GNGY	PO							VT		1	10									Quartz feldspar porphyry dyke with dark alterec carbonate veinlets at various orientations.
360.79	366.19					GRD	GN	PA																			Patchy phyllic and propylitic alteration in granodiorite with breccia veinlets and quartz quartz sulphide veins. Mixed breccia and vein zone on dyke contact.
			360.79	361.02		POR	GY	BX							VN	75	4	1		90			f				Banded porphyry dyke/breccia. Massive sulphide quartz vein. First 4cm pyrite vein next 4 breccia zone. Rest of interval is banded porphyry.
						VEN	BZ																				
			361.06	361.08		VEN	BZ								VN	90	2	1		80		w					Massive sulphide vein with blue green chlorite and pyrite and sphalerite.
			361.12	361.15		VEN	WH								VN	70	2	1		w		t					Milky quartz vein with pyrite and sphalerite
			363.07	363.10		VEN	GY								VN	85	1	1		m		w					Grey quartz and white quartz vein with blebs of pyrite and sphalerite.
			364.11	364.14		VEN	BK	BX							VN	5	1	1									Black breccia vein with GRD clasts (1mm-4mm). Fire black matrix.
			364.20	364.25		VEN	BN	MA							VN	90	3	1		80		f					Quartz vein with massive sphalerite and pyrite
			364.79	364.82		VEN	GY								VN	90	1	1		w		f					carbonate and grey quartz vein with sphalerite and pyrite.
			365.40	365.49		VEN	GY	BX							VN	65	9	1		w		t					Milky quartz, carbonate, and black breccia bands. Disseminated pyrite and blebs of sphalerite.
366.19	382.04					GRD	GN	MA					PRO	w	VT		1	2		w							Weak propylitic altered granodiorite with phyllic envelopes surrounding quartz sulphide veins. Propylitic alteration around envelopes. Carbonate veins and veinlets at various orientations.
															ST		1	2									
			367.39	368.20		GRD	GN	EN	ms						VT	90	1	2									Phyllic alteration in granodiorite with pyrite veinlets and grey quartz and pink chalcedony with pyrite and sphalerite.
															VN	90	2	1		f		w					
			369.50	369.86		GRD	GN	EN	ms						VN	75	2	1		w							Phyllic alteration envelope with blue green chlorite. Smoky quartz and disseminated pyrite.
			370.51	371.43		GRD	GN	EN	ms						VT	70	1	3		w							Phyllic alteration envelope with quartz and bluegreen chlorite veinlets. Disseminated pyrite surrounding veinlets and in pyrite stringers.
			371.51	371.59		GRD	GN	BX	ms						VN	90	2	1		t							Phyllic alteration envelope surrounding black breccia veins. Granodiorite patches and pyrite as clasts in fine dark matrix.
			375.04	375.43		GRD	GN	EN	ms						VN	80	1	1		w							Phyllic alteration envelope surrounding pink chalcedony and quartz vein with blebs of pyrite.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
			377.46	378.17		GRD	GN	EN	m	w																	Phyllic alteration envelope with patches of pink argillic alteration. Grey quartz veinlets in envelopes.
			319.78	382.04		GRD	GN	EN	m						VN	40	3	3		w							Phyllic alteration with patches of propylitic alteration. Smoky quartz vein with red mineral (hematite?) and disseminated pyrite. Core broken at end of interval.
382.04	390.18					GRD	PKGN		s						VT					w							Strong propylitic alteration in granodiorite with patches of phyllic alteration. Frequent white carbonate veins with disseminated fine grained pyrite at various orientations. Frequent milky quartz veins throughout at various orientations with pyrite blebs. much of interval is broken core/rubble. last 2 m completely rubble.
															VN		2	3		w							
			383.62	384.00		VEN	WH								VN	35	1	3		f							Low angle milky quartz and white carbonate veins with blebs of finegrained pyrite. Bright green mineral with pyrite (sericite?).
			386.97	387.38		GRD	LTGN	GO																			Gougy strong argillic alteration. Trace disseminated pyrite. White brown clay.
			387.77	387.86		VEN	GY								VN		9	1									Fractured quartz vein in broken core. Blebs of pyrite.
			388.01	390.19		GRD	GN																				Rubbly and fractured interval. Fault zone
390.19	399.58					VEN	GY		m		s									f							Broken core. Phyllic alteration and smoky quartz vein with pyrite and pink chalcedony veinlets. Large fractured smoky quartz vein. Gougy interval, strong quartz flooding.
			390.19	392.80		GRD	WH	GO												t							Broken/rubble core. Gougy interval? White and grey clay and granodiorite and smoky quartz clasts (1mm 4cm). Some pyrite in gouge.
			397.71	399.26		GRD	LTGN		m											w							Broken core. Phyllic alteration in granodiorite with some gougy - white grey clay. Disseminated pyrite throughout.
			399.26	399.58		GRD	LTGN	EN	ms																		Phyllic alteration envelope in granodiorite. Gooc competent core. Vein mostly broken, some smoky quartz flooding still visible.
399.58	411.74					GRD	PKGN	MA	l						ST	75	1	1		f							Weak to intense propylitic alteration in granodiorite with phyllic envelopes with quartz/chlorite veins and sulphides. Gougy intervals present. Pyrite stringers and calcite veinlets throughout.
															VN	60	1	3									
			403.82	404.13		GRD	WHGN	EN	m	s			PRO	w	ST	90	1	1		f							Phyllic and argillic envelope with patches of propylitic alteration surrounding gougy vein pyrite stringers. Low angle quartz pyrite veins with pyrite blebs also present.
															VN	35	1	1		m							

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other											Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		
															GO	75	1	1									
			408.52	410.95		GRD	GN	MA	w				PRO	m	ST	75	1	10		75							Broken core, weak phyllic and moderate propylitic alteration with frequent pyrite stringers.
			409.95	411.04		GRD	BKGN	MA					PRO	l													Intense propylitic alteration in granodiorite
411.74	420.28					GRD	LTGN	MA																			Phyllic alteration interval with patches of intense propylitic alteration. Significant gougy subintervals and quartz flooding. 60% of interval is broken.
			413.84	413.96		GRD	GY	FD												f							Block of smoky quartz flooded granodiorite with disseminated pyrite.
			414.16	416.43		GRD	GN	GO												f							Gougy phyllic alteration in granodiorite patches of propylitic alteration fragments of pink chalcedony vein material with pyrite.
420.28	434.95					GRD	DKGN	MA							VT	85	1	2									Mostly (90%) weakly propylitic altered granodiorite with phyllic envelopes surrounding quartz veins. Carbonate veinlets throughout.
			425.28	427.21		GRD	LTGN	EN	ms						VT	75	1	2		w							Phyllic alteration envelope surrounding white carbonate veinlets and milky quartz veins with disseminated pyrite.
															VN	85	1	2									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other											Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Thickness	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Sphalerite	Galena	Type	Intensity		

GEOTECHNICAL LOG

HOLE: KL-11-63

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	0.91	0.91		0		0	W	EW		Overburden / dirt, soil and organics
0.91	1.52	0.61		0		0	W	EW		Overburden / dirt, soil and organics
1.52	5.79	4.27		0		0	W	EW		Overburden / dirt, soil and organics
5.79	9.14	3.35		0		0	W	EW		Overburden / dirt, soil and organics
9.14	11.28	2.14	1.26	59	0.00	0	W	EW		
11.28	14.33	3.05	2.82	92	0.00	0	MS	HW		
14.33	17.37	3.04	2.95	97	1.42	47	S	MW		
17.37	20.42	3.05	2.95	97	1.56	51	S	MW		
20.42	23.47	3.05	3.01	99	1.40	46	S	SW		
23.47	26.52	3.05	3.05	100	1.53	50	S	SW		
26.52	29.57	3.05	3.04	100	2.10	69	S	SW		
29.57	32.61	3.04	3.09	102	2.85	94	S	SW		
32.61	35.66	3.05	2.92	96	1.45	48	S	SW		
35.66	38.71	3.05	2.92	96	1.73	57	S	SW		
38.71	41.76	3.05	2.88	94	1.59	52	S	SW		
41.76	44.81	3.05	2.99	98	1.17	38	MS	SW		
44.81	47.85	3.04	2.87	94	1.86	61	MS	FR		
47.85	50.90	3.05	3.03	99	2.02	66	S	FR		
50.90	53.95	3.05	3.06	100	1.93	63	S	FR		
53.95	57.00	3.05	2.88	94	1.52	50	S	FR		
57.00	60.05	3.05	3.05	100	1.44	47	S	SW		
60.05	63.09	3.04	2.89	95	1.17	38	MS	FR		
63.09	66.14	3.05	2.77	91	1.12	37	MS	FR		
66.14	69.19	3.05	3.08	101	1.74	57	MS	FR		
69.19	72.24	3.05	2.97	97	2.04	67	MS	FR		
72.24	75.29	3.05	2.54	83	0.45	15	S	FR		
75.29	78.33	3.04	2.66	88	0.51	17	S	FR		
78.33	81.38	3.05	2.48	81	0.00	0	S	FR		
81.38	84.43	3.05	2.89	95	1.04	34	S	FR		
84.43	87.48	3.05	3.05	100	1.48	49	S	FR		
87.48	90.53	3.05	2.28	75	0.58	19	S	FR		
90.53	93.57	3.04	3.01	99	1.82	60	S	FR		
93.57	96.62	3.05	2.88	94	1.22	40	S	FR		
96.62	99.67	3.05	3.00	98	1.54	50	S	FR		
99.67	102.72	3.05	2.92	96	1.94	64	S	FR		
102.72	105.77	3.05	3.02	99	2.31	76	S	FR		
105.77	108.81	3.04	2.91	96	1.26	41	S	FR		
108.81	111.86	3.05	3.16	104	2.24	73	S	FR		
111.86	114.91	3.05	2.99	98	2.35	77	S	FR		
114.91	117.96	3.05	2.88	94	2.26	74	S	FR		
117.96	121.01	3.05	2.96	97	1.61	53	MS	FR		
121.01	124.05	3.04	3.18	105	1.44	47	S	FR		
124.05	127.10	3.05	2.93	96	1.70	56	S	FR		
127.10	130.15	3.05	3.07	101	1.76	58	S	FR		
130.15	133.20	3.05	3.02	99	2.05	67	S	FR		
133.20	136.25	3.05	2.98	98	2.60	85	S	FR		
136.25	139.29	3.04	3.03	100	2.16	71	MS	FR		
139.29	142.34	3.05	3.06	100	2.50	82	S	FR		
142.34	145.39	3.05	3.07	101	1.84	60	MS	FR		
145.39	148.44	3.05	2.87	94	1.08	35	MS	FR		
148.44	151.49	3.05	3.02	99	1.61	53	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
151.49	154.53	3.04	3.03	100	0.92	30	MS	FR		
154.53	157.58	3.05	1.92	63	0.23	8	MS	FR		
157.58	160.63	3.05	2.58	85	0.25	8	W	FR		
160.63	163.68	3.05	3.05	100	1.54	50	S	FR		
163.68	166.73	3.05	2.98	98	1.97	65	MS	FR		
166.73	169.77	3.04	3.06	101	2.33	77	MS	FR		
169.77	172.82	3.05	2.98	98	1.65	54	MS	FR		
172.82	175.87	3.05	3.03	99	0.90	30	MS	FR		
175.87	178.92	3.05	2.86	94	0.75	25	MS	FR		
178.92	181.97	3.05	2.78	91	0.69	23	MS	FR		
181.97	185.01	3.04	2.74	90	0.45	15	S	FR		
185.01	188.06	3.05	2.97	97	0.78	26	S	FR		
188.06	191.11	3.05	2.90	95	1.79	59	S	FR		
191.11	194.16	3.05	2.98	98	1.93	63	S	FR		
194.16	197.21	3.05	3.00	98	1.10	36	S	FR		
197.21	200.25	3.04	2.96	97	2.13	70	S	FR		
200.25	203.30	3.05	2.99	98	2.35	77	S	FR		
203.30	206.35	3.05	2.97	97	2.40	79	S	FR		
206.35	209.40	3.05	3.07	101	1.78	58	S	FR		
209.40	212.45	3.05	2.97	97	2.40	79	S	FR		
212.45	215.49	3.04	3.06	101	2.09	69	S	FR		
215.49	218.54	3.05	3.04	100	2.01	66	S	FR		
218.54	221.59	3.05	2.99	98	2.70	89	S	FR		
221.59	224.64	3.05	3.11	102	2.62	86	S	FR		
224.64	227.69	3.05	2.88	94	1.93	63	S	FR		
227.69	230.73	3.04	3.00	99	2.64	87	S	FR		
230.73	233.78	3.05	3.02	99	2.62	86	S	FR		
233.78	236.83	3.05	2.97	97	2.69	88	S	FR		
236.83	239.88	3.05	3.06	100	2.63	86	S	FR		
239.88	242.93	3.05	3.01	99	2.03	67	S	FR		
242.93	245.97	3.04	2.90	95	1.92	63	S	FR		
245.97	249.02	3.05	2.99	98	1.69	55	S	FR		
249.02	252.07	3.05	2.82	92	0.90	30	S	FR		
252.07	255.12	3.05	3.00	98	2.32	76	S	FR		
255.12	258.17	3.05	3.02	99	2.53	83	S	FR		
258.17	261.21	3.04	2.78	91	1.01	33	S	FR		
261.21	264.26	3.05	2.85	93	1.22	40	S	FR		
264.26	267.31	3.05	2.83	93	0.28	9	MS	FR		
267.31	270.36	3.05	3.06	100	1.42	47	MS	FR		
270.36	273.41	3.05	3.00	98	1.71	56	S	FR		
273.41	276.45	3.04	2.72	89	1.59	52	S	FR		
276.45	279.50	3.05	2.84	93	1.35	44	MS	FR		
279.50	282.55	3.05	2.55	84	0.19	6	W	FR		
282.55	285.60	3.05	3.03	99	1.11	36	W	FR		
285.60	288.65	3.05	2.83	93	1.83	60	MS	FR		
288.65	291.69	3.04	3.03	100	1.17	38	MS	FR		
291.69	294.74	3.05	2.67	88	0.15	5	W	FR		
294.74	297.79	3.05	3.04	100	2.81	92	MS	FR		
297.79	300.84	3.05	2.99	98	1.70	56	MS	FR		
300.84	303.89	3.05	3.03	99	2.15	70	MS	FR		
303.89	306.93	3.04	3.09	102	1.48	49	MS	FR		
306.93	309.98	3.05	2.78	91	0.91	30	MS	FR		
309.98	313.03	3.05	2.96	97	0.44	14	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
313.03	316.08	3.05	2.84	93	0.34	11	MS	FR		
316.08	319.13	3.05	2.52	83	0.00	0	MS	FR		
319.13	322.17	3.04	2.83	93	0.62	20	MS	FR		
322.17	325.22	3.05	3.02	99	0.81	27	MS	FR		
325.22	328.27	3.05	2.92	96	1.19	39	W	FR		
328.27	331.32	3.05	2.65	87	0.93	30	MS	FR		
331.32	334.37	3.05	3.09	101	0.49	16	W	FR		
334.37	337.41	3.04	2.91	96	0.80	26	MS	FR		
337.41	340.46	3.05	3.06	100	1.26	41	MS	FR		
340.46	343.51	3.05	3.08	101	0.92	30	MS	FR		
343.51	346.56	3.05	3.05	100	0.96	31	MS	FR		
346.56	349.61	3.05	2.95	97	0.85	28	MS	FR		
349.61	352.65	3.04	2.71	89	0.79	26	MS	FR		
352.65	355.70	3.05	3.09	101	1.40	46	MS	FR		
355.70	358.75	3.05	2.92	96	1.31	43	MS	FR		
358.75	361.80	3.05	3.07	101	1.77	58	MS	FR		
361.80	364.85	3.05	3.01	99	2.42	79	MS	FR		
364.85	367.89	3.04	3.08	101	1.71	56	MS	FR		
367.89	370.94	3.05	3.09	101	1.78	58	MS	FR		
370.94	373.99	3.05	2.94	96	2.38	78	MS	FR		
373.99	377.07	3.08	3.06	99	2.07	67	S	FR		
377.07	380.09	3.02	2.89	96	1.28	42	S	FR		
380.09	383.13	3.04	2.88	95	0.19	6	W	FR		
383.13	386.18	3.05	2.67	88	0.63	21	W	FR		
386.18	389.23	3.05	2.89	95	0.32	10	W	FR		
389.23	392.28	3.05	2.52	83	0.00	0	W	FR		Clay/gouge
392.28	395.33	3.05	1.95	64	0.00	0	W	FR		Clay/gouge
395.33	398.37	3.04	2.27	75	0.00	0	W	FR		Clay/gouge
398.37	401.42	3.05	3.05	100	0.72	24	W	FR		
401.42	404.47	3.05	2.84	93	1.83	60	W	FR		
404.47	407.52	3.05	2.67	88	0.41	13	W	FR		
407.52	410.57	3.05	3.03	99	0.59	19	W	FR		
410.57	413.61	3.04	2.24	74	0.00	0	W	FR		
413.61	416.66	3.05	3.01	99	0.00	0	W	FR		
416.66	419.71	3.05	3.05	100	1.01	33	W	FR		
419.71	422.76	3.05	3.01	99	2.13	70	W	FR		
422.76	425.81	3.05	3.05	100	1.98	65	MS	FR		
425.81	428.85	3.04	2.97	98	0.99	33	S	FR		
428.85	431.91	3.06	3.05	100	2.16	71	S	FR		
431.91	434.95	3.04	2.87	94	1.30	43	S	FR		
	EOH									

SAMPLE LOG

HOLE: KL-11-63

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	9.14	9.14		0							No Sample
9.14	11.28	2.14	1.24	58	K973819	1					
11.28	14.33	3.05	2.85	93	K973820	1					
14.33	17.37	3.04	2.94	97	K973821	1					
17.37	19.13	1.76	1.68	95	K973822	1					
19.13	20.33	1.20	1.00	83	K973823	1					
					K973824	1					Blank
20.33	23.14	2.81	2.66	95	K973825	1					
23.14	25.02	1.88	1.88	100	K973826	1					
25.02	26.52	1.50	1.50	100	K973827	1					
					K973828	1					Duplicate
26.52	29.57	3.05	3.01	99	K973829	1					
29.57	32.61	3.04	3.04	100	K973830	1					
32.61	33.98	1.37	1.36	99	K973831	1					
33.98	36.12	2.14	1.82	85	K973832	1					
36.12	37.46	1.34	1.34	100	K973833	1					
37.46	38.71	1.25	1.04	83	K973834	1					
38.71	41.76	3.05	2.80	92	K973835	1					
					K973836	1					Standard ME-16
41.76	43.44	1.68	1.68	100	K973837	1					
43.44	44.44	1.00	0.92	92	K973838	1					
44.44	46.43	1.99	1.99	100	K973839	1					
46.43	48.82	2.39	2.17	91	K973840	1					
48.82	51.40	2.58	2.54	98	K973841	1					
51.40	52.40	1.00	0.99	99	K973842	1					
					K973843	1					Blank
52.40	53.95	1.55	1.54	99	K973844	1					
53.95	57.00	3.05	2.76	90	K973845	1					
					K973846	1					Standard ME-16
57.00	58.86	1.86	1.78	96	K973847	1					
58.86	60.50	1.64	1.64	100	K973848	1					
60.50	61.85	1.35	1.35	100	K973849	1					
61.85	63.26	1.41	1.05	74	K973850	1					
63.26	64.76	1.50	1.50	100	K973851	1					
64.76	66.63	1.87	1.63	87	K973852	1					
66.63	68.77	2.14	2.14	100	K973853	1					
68.77	69.77	1.00	1.00	100	K973854	1					
69.77	71.20	1.43	1.36	95	K973855	2					
71.20	72.20	1.00	0.82	82	K973856	2					
72.20	75.29	3.09	2.81	91	K973857	2					
75.29	76.90	1.61	1.44	89	K973858	2					
76.90	77.90	1.00	0.98	98	K973859	2					
	.				K973860	2					Blank
77.90	80.53	2.63	2.12	81	K973861	2					
80.53	81.38	0.85	0.82	96	K973862	2					
81.38	84.43	3.05	2.84	93	K973863	2					
84.43	87.48	3.05	3.03	99	K973864	2					
					K973865	2					Standard ME-16
87.48	90.53	3.05	2.54	83	K973866	2					
90.53	93.57	3.04	3.04	100	K973867	2					
93.57	96.62	3.05	2.79	91	K973868	2					
96.62	99.67	3.05	3.05	100	K973869	2					
99.67	102.11	2.44	2.38	98	K973870	2					
102.11	103.57	1.46	1.39	95	K973871	2					
103.57	104.77	1.20	1.20	100	K973872	2					
104.77	105.77	1.00	0.95	95	K973873	2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
					K973874	2					Standard ME-16
105.77	108.81	3.04	2.76	91	K973875	2					
108.81	110.55	1.74	1.74	100	K973876	2					
110.55	113.68	3.13	3.05	97	K973877	2					
113.68	114.91	1.23	1.23	100	K973878	2					
					K973879	2					Duplicate
114.91	115.91	1.00	1.00	100	K973880	2					
115.91	116.91	1.00	0.89	89	K973881	2					
116.91	117.96	1.05	0.98	93	K973882	2					
					K973883	2					Blank
117.96	120.17	2.21	2.05	93	K973884	2					
120.17	121.98	1.81	1.81	100	K973885	2					
121.98	122.79	0.81	0.81	100	K973886	2					
122.79	125.41	2.62	2.60	99	K973887	2					
125.41	126.41	1.00	1.00	100	K973888	2					
126.41	127.66	1.25	1.12	90	K973889	2					
127.66	128.69	1.03	1.03	100	K973890	2					
128.69	129.92	1.23	1.23	100	K973891	3					
129.92	130.92	1.00	1.00	100	K973892	3					
					K973893	3					Blank
130.92	133.20	2.28	2.28	100	K973894	3					
133.20	136.25	3.05	3.04	100	K973895	3					
136.25	137.74	1.49	1.54	103	K973896	3					
137.74	138.72	0.98	0.98	100	K973897	3					
138.72	140.32	1.60	1.60	100	K973898	3					
140.32	142.34	2.02	2.02	100	K973899	3					
142.34	145.39	3.05	3.05	100	K973900	3					
					K973901	3					Standard ME-16
145.39	146.30	0.91	0.90	99	K973902	3					
					K973903	3					Blank
146.30	147.30	1.00	0.95	95	K973904	3					
147.30	150.44	3.14	2.89	92	K973905	3					
150.44	152.26	1.82	1.78	98	K973906	3					
152.26	154.53	2.27	2.29	101	K973907	3					
154.53	157.58	3.05	2.48	81	K973908	3					
157.58	159.10	1.52	0.93	61	K973909	3					
159.10	160.29	1.19	1.23	103	K973910	3					
160.29	161.29	1.00	1.00	100	K973911	3					
161.29	163.68	2.39	2.39	100	K973912	3					
163.68	166.32	2.64	2.60	98	K973913	3					
166.32	167.78	1.46	1.46	100	K973914	3					
					K973915	3					Duplicate
167.78	168.83	1.05	1.05	100	K973916	3					
168.83	170.74	1.91	1.91	100	K973917	3					
170.74	172.82	2.08	1.91	92	K973918	3					
172.82	175.87	3.05	2.92	96	K973919	3					
175.87	178.92	3.05	3.05	100	K973920	3					
178.92	180.85	1.93	1.74	90	K973921	3					
					K973922	3					Standard ME-16
180.85	181.90	1.05	1.01	96	K973923	3					
181.90	183.10	1.20	1.13	94	K973924	3					
183.10	184.10	1.00	1.00	100	K973925	3					
184.10	185.54	1.44	0.85	59	K973926	3					
185.54	186.91	1.37	1.37	100	K973927	4					
186.91	188.10	1.19	1.19	100	K973928	4					
188.10	189.50	1.40	1.18	84	K973929	4					
189.50	190.59	1.09	1.09	100	K973930	4					
190.59	192.71	2.12	2.02	95	K973931	4					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
192.71	194.16	1.45	1.33	92	K973932	4					
					K973933	4					Blank
194.16	195.65	1.49	1.32	89	K973934	4					
195.65	197.34	1.69	1.62	96	K973935	4					
197.34	198.34	1.00	1.00	100	K973936	4					
198.34	200.50	2.16	2.07	96	K973937	4					
200.50	202.15	1.65	1.63	99	K973938	4					
202.15	203.10	0.95	0.95	100	K973939	4					
					K973940	4					Duplicate
203.10	204.76	1.66	1.66	100	K973941	4					
204.76	206.35	1.59	1.53	96	K973942	4					
206.35	208.00	1.65	1.62	98	K973943	4					
					K973944	4					Standard ME-16
208.00	209.00	1.00	1.00	100	K973945	4					
209.00	210.74	1.74	1.70	98	K973946	4					
210.74	212.64	1.90	1.90	100	K973947	4					
212.64	215.49	2.85	2.85	100	K973948	4					
215.49	218.54	3.05	3.05	100	K973949	4					
					K973950	4					Standard ME-16
218.54	221.59	3.05	2.99	98	K973951	4					
221.59	223.25	1.66	1.66	100	K973952	4					
223.25	225.84	2.59	2.59	100	K973953	4					
225.84	227.12	1.28	1.16	91	K973954	4					
227.12	228.24	1.12	1.12	100	K973955	4					
					K973956	4					Blank
228.24	231.67	3.43	3.37	98	K973957	4					
231.67	232.78	1.11	1.11	100	K973958	4					
232.78	233.78	1.00	0.95	95	K973959	4					
233.78	236.83	3.05	2.97	97	K973960	4					
236.83	238.64	1.81	1.80	99	K973961	4					
238.64	239.64	1.00	1.00	100	K973962	4					
239.64	241.85	2.21	2.15	97	K973963	5					
241.85	243.17	1.32	1.27	96	K973964	5					
243.17	245.97	2.80	2.65	95	K973965	5					
245.97	249.02	3.05	3.03	99	K973966	5					
					K973967	5					Standard ME-16
249.02	250.70	1.68	1.50	89	K973968	5					
250.70	251.65	0.95	0.95	100	K973969	5					
251.65	252.51	0.86	0.86	100	K973970	5					
252.51	253.77	1.26	1.24	98	K973971	5					
					K973972	5					Blank
253.77	254.79	1.02	0.99	97	K973973	5					
254.79	256.00	1.21	0.21	17	K973974	5					
256.00	257.13	1.13	1.13	100	K973975	5					
					K973976	5					Duplicate
257.13	257.94	0.81	0.77	95	K973977	5					
257.94	259.81	1.87	1.74	93	K973978	5					
259.81	261.34	1.53	1.45	95	K973979	5					
261.34	263.85	2.51	2.38	95	K973980	5					
263.85	265.09	1.24	1.24	100	K973981	5					
					K973982	5					Standard ME-16
265.09	266.90	1.81	1.64	91	K973983	5					
266.90	267.92	1.02	0.94	92	K973984	5					
267.92	268.86	0.94	0.94	100	K973985	5					
268.86	270.36	1.50	1.50	100	K973986	5					
270.36	272.37	2.01	2.01	100	K973987	5					
272.37	273.41	1.04	1.04	100	K973988	5					
					K973989	5					Blank

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
273.41	276.45	3.04	2.60	86	K973990	5					
276.45	279.07	2.62	2.32	89	K973991	5					
279.07	280.07	1.00	0.96	96	K973992	5					
280.07	282.33	2.26	1.85	82	K973993	5					
282.33	283.23	0.90	0.85	94	K973994	5					
283.23	284.60	1.37	1.24	91	K973995	5					
284.60	285.60	1.00	1.00	100	K973996	5					
285.60	288.65	3.05	2.83	93	K973997	5					
288.65	290.27	1.62	1.53	94	K973998	5					
290.27	292.17	1.90	1.86	98	K973999	6					
292.17	293.22	1.05	1.05	100	K974000	6					
293.22	296.01	2.79	1.77	63	K974051	6					
296.01	297.49	1.48	1.48	100	K974052	6					
297.49	298.65	1.16	1.11	96	K974053	6					
298.65	300.67	2.02	1.97	98	K974054	6					
300.67	301.67	1.00	1.00	100	K974055	6					
301.67	302.67	1.00	1.00	100	K974056	6					
302.67	304.42	1.75	1.62	93	K974057	6					
					K974058	6					Blank
304.42	305.42	1.00	1.00	100	K974059	6					
305.42	306.39	0.97	0.97	100	K974060	6					
306.39	308.10	1.71	1.66	97	K974061	6					
308.10	309.49	1.39	1.15	83	K974062	6					
					K974063	6					Standard PL-2
309.49	310.92	1.43	1.43	100	K974064	6					
310.92	313.26	2.34	2.34	100	K974065	6					
313.26	315.22	1.96	1.85	94	K974066	6					
315.22	316.08	0.86	0.86	100	K974067	6					
316.08	317.49	1.41	1.41	100	K974068	6					
317.49	319.30	1.81	1.41	78	K974069	6					
					K974070	6					Standard PL-2
319.30	320.56	1.26	1.10	87	K974071	6					
320.56	322.06	1.50	1.50	100	K974072	6					
322.06	322.99	0.93	0.90	97	K974073	6					
					K974074	6					Duplicate
322.99	323.59	0.60	0.58	97	K974075	6					
323.59	325.49	1.90	1.80	95	K974076	6					
325.49	326.81	1.32	1.28	97	K974077	6					
326.81	328.27	1.46	1.46	100	K974078	6					
328.27	329.50	1.23	1.23	100	K974079	6					
329.50	331.09	1.59	1.20	75	K974080	6					
331.09	332.49	1.40	1.31	94	K974081	6					
					K974082	6					Blank
332.49	333.62	1.13	1.13	100	K974083	6					
333.62	334.87	1.25	1.24	99	K974084	6					
334.87	335.87	1.00	0.86	86	K974085	7					
335.87	337.41	1.54	1.51	98	K974086	7					
					K974087	7					Duplicate
337.41	338.63	1.22	1.21	99	K974088	7					
338.63	339.69	1.06	1.05	99	K974089	7					
339.69	341.62	1.93	1.72	89	K974090	7					
341.62	343.70	2.08	2.08	100	K974091	7					
					K974092	7					Blank
343.70	346.56	2.86	2.80	98	K974093	7					
346.56	349.61	3.05	3.03	99	K974094	7					
349.61	351.20	1.59	1.59	100	K974095	7					
351.20	353.07	1.87	1.44	77	K974096	7					
353.07	354.62	1.55	1.43	92	K974097	7					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
354.62	355.70	1.08	1.08	100	K974098	7					
355.70	358.75	3.05	2.90	95	K974099	7					
358.75	360.79	2.04	2.03	100	K974100	7					
360.79	361.80	1.01	1.01	100	K974101	7					
					K974102	7					
361.80	363.07	1.27	1.27	100	K974103	7					
363.07	364.49	1.42	1.35	95	K974104	7					
364.49	365.49	1.00	0.99	99	K974105	7					
365.49	367.25	1.76	1.75	99	K974106	7					
367.25	368.25	1.00	1.00	100	K974107	7					
					K974108	7					Standard PL-2
368.25	370.51	2.26	2.26	100	K974109	7					
370.51	371.59	1.08	1.02	94	K974110	7					
371.59	374.43	2.84	2.81	99	K974111	7					
374.43	375.43	1.00	1.00	100	K974112	7					
375.43	378.17	2.74	2.74	100	K974113	7					
378.17	379.78	1.61	1.45	90	K974114	7					
379.78	382.04	2.26	2.10	93	K974115	7					
382.04	383.53	1.49	1.39	93	K974116	7					
383.53	384.53	1.00	1.00	100	K974117	7					
384.53	386.79	2.26	2.00	88	K974118	7					
					K974119	7					Standard ME-16
386.79	388.01	1.22	1.20	98	K974120	7					
388.01	389.23	1.22	1.22	100	K974121	8					
389.23	390.19	0.96	0.96	100	K974122	8					
390.19	392.28	2.09	1.58	76	K974123	8					
392.28	393.80	1.52	1.12	74	K974124	8					
393.80	395.33	1.53	1.32	86	K974125	8					
					K974126	8					Blank
395.33	397.71	2.38	1.64	69	K974127	8					
397.71	398.71	1.00	1.00	100	K974128	8					
398.71	399.26	0.55	0.55	100	K974129	8					
					K974130	8					Standard ME-16
399.26	401.42	2.16	2.08	96	K974131	8					
401.42	402.82	1.40	1.40	100	K974132	8					
402.82	404.19	1.37	1.21	88	K974133	8					
404.19	405.79	1.60	1.60	100	K974134	8					
405.79	408.52	2.73	2.40	88	K974135	8					
					K974136	8					Standard ME-16
408.52	411.04	2.52	2.50	99	K974137	8					
411.04	413.61	2.57	2.16	84	K974138	8					
413.61	415.17	1.56	1.56	100	K974139	8					
415.17	416.27	1.10	1.10	100	K974144	8					
					K974145	8					Blank
416.27	418.23	1.96	1.95	99	K974146	8					
418.23	420.23	2.00	2.00	100	K974147	8					
420.23	422.76	2.53	2.53	100	K974148	8					
422.76	425.81	3.05	3.05	100	K974149	8					
425.81	427.32	1.51	1.42	94	K974150	8					
427.32	430.01	2.69	2.67	99	K974151	8					
430.01	431.92	1.91	1.90	99	K974152	8					
431.92	434.95	3.03	2.97	98	K974153	8					
											EOH 434.95m

DENSITY LOG

Hole: **KL-11-63**

Depth (m)	Unit	Texture	ALTERATION		MINERALS					Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	DESCRIPTION	Density	Specific Gravity
			Type	Conc.	Pyrite %	Arseno	Sphal %	Other	%							
												1987.7	1737.5	2000g Standard	#DIV/0!	7.94
70.24	VEN		CH.Qtz		5	2	30	Ga	5	9.623	6.338	1005.8	726.2		3.31	3.60
												1993.4	1754.3	2000g Stanard	#DIV/0!	8.34
227.48	GRD/VEN		Phyllic	ms	8		10			9.793	6.346	921	623.7		2.97	3.10
															#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

Hole: KL-11-63

BTW: 4 cm NQ: 5 cm HQ: 6 cm

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
1.00				Overburden
2.00				Overburden
3.00				Overburden
4.00				Overburden
5.00				Overburden
6.00				Overburden
7.00				Overburden
8.00				Overburden
9.00				Overburden
10.00				Overburden
11.00			8.009	Strongly weathered
12.00			0.607	Strongly weathered
13.00			2.059	Strongly weathered
14.00				Shattered / dirt
15.00			0.532	
16.00			0.467	
17.00			0.94	
18.00			0.494	
19.00			0.537	
20.00			1.525	
21.00			1	
22.00			0.714	
23.00			0.533	
24.00			21.93	
25.00			1.164	
26.00			15.38	
27.00			15.34	
28.00			40.16	
29.00			11	
30.00			9.36	
31.00			23.06	
32.00			21.3	
33.00			25.41	
34.00			1.064	
35.00			15.9	
36.00			0.514	
37.00			0.568	
38.00			9.53	
39.00			9.07	
40.00			4.039	
41.00			27.78	
42.00			18.01	
43.00			0.395	
44.00			0.533	
45.00			0.535	
46.00			0.923	
47.00			0.354	
48.00			0.292	
49.00			13.07	
50.00			0.493	
51.00			0.466	
52.00			0.49	
53.00			2.45	
54.00			14.06	
55.00			4.05	
56.00			19.58	
57.00			22.41	
58.00			1.923	
59.00			0.353	
60.00			0.321	
61.00			0.94	
62.00			0.335	
63.00			0.365	
64.00			0.352	
65.00			3.953	
66.00			0.439	
67.00			0.334	
68.00			0.505	
69.00			0.429	
70.00			0.297	
71.00			0.439	
72.00			0.027	
73.00				Shattered core
74.00			0.165	
75.00			0.16	
76.00				Shattered core
77.00			0.171	
78.00			0.748	
79.00				Shattered core
80.00				Shattered core
81.00			7.283	
82.00			8.441	
83.00			16.38	
84.00			0.794	
85.00			18.73	
86.00			5.211	
87.00			18.81	
88.00			25.35	
89.00				Shattered core
90.00			19.67	
91.00			22.16	
92.00			46.8	
93.00			29.47	
94.00			28.14	
95.00			24.38	
96.00			8.162	
97.00			19.59	
98.00			17.12	
99.00			21.15	
100.00			2.026	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
101.00			1.549	
102.00			22.87	
103.00			29.5	
104.00			13.35	
105.00			0.412	
106.00			18.65	
107.00			25.43	
108.00			26.44	
109.00			11.54	
110.00			4.599	
111.00			11.85	
112.00			24.98	
113.00			20.99	
114.00			22.06	
115.00			0.509	
116.00			9.447	
117.00			0.3825	
118.00			20.32	
119.00			24.6	
120.00			18	
121.00			25.06	
122.00			18.2	
123.00			1.242	
124.00			19.15	
125.00			12.24	
126.00			0.856	
127.00			0.289	
128.00			0.396	
129.00			4.757	
130.00			0.406	
131.00			0.847	
132.00			25.68	
133.00			28.87	
134.00			33.3	
135.00			35.93	
136.00			32.35	
137.00			30.73	
138.00			0.594	
139.00			1.049	
140.00			2.787	
141.00			1.842	
142.00			0.661	
143.00			0.565	
144.00			1.241	
145.00			28.49	
146.00			6.53	
147.00			0.545	
148.00			31.05	
149.00			16.62	
150.00			11.99	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
151.00			0.697	
152.00			2.089	
153.00			1.097	
154.00			22.08	
155.00				Shattered core
156.00				Shattered core
157.00				Shattered core
158.00				Shattered core
159.00				Shattered core
160.00			0.499	
161.00			1.604	
162.00			18.31	
163.00			3.211	
164.00			25.81	
165.00			2.917	
166.00			16.39	
167.00			0.834	
168.00			1.052	
169.00			1.141	
170.00			0.854	
171.00			0.488	
172.00			0.956	
173.00			0.411	
174.00			0.267	
175.00			0.179	
176.00			0.241	
177.00			0.147	
178.00			0.241	
179.00			0.34	
180.00			0.484	
181.00			0.297	
182.00			0.265	
183.00			0.371	
184.00			0.395	
185.00			0.829	
186.00			0.74	
187.00			0.41	
188.00			0.4	
189.00			0.31	
190.00			0.287	
191.00			0.339	
192.00			0.292	
193.00			0.257	
194.00			0.201	
195.00			2.244	
196.00			0.369	
197.00			0.305	
198.00			0.625	
199.00			5.342	
200.00			25.87	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
201.00			15.17	
202.00			0.388	
203.00			16.18	
204.00			16.89	
205.00			22.76	
206.00			22.29	
207.00			15.32	
208.00			20.94	
209.00			6.615	
210.00			0.697	
211.00			23.53	
212.00			20.72	
213.00			30.86	
214.00			22	
215.00			26.02	
216.00			22.63	
217.00			21.75	
218.00			17.48	
219.00			19.65	
220.00			21.98	
221.00			27.89	
222.00			16.49	
223.00			21.36	
224.00			3.314	
225.00			0.649	
226.00			0.7341	
227.00			0.306	
228.00			0.792	
229.00			8.359	
230.00			23.02	
231.00			28.63	
232.00			26.4	
233.00			2.749	
234.00			27.32	
235.00			24.58	
236.00			20.51	
237.00			22.75	
238.00			0.87	
239.00			26.66	
240.00			22.97	
241.00			25.26	
242.00			0.706	
243.00			1.164	
244.00			19.33	
245.00			2.021	
246.00			15.88	
247.00			5.27	
248.00			12.25	
249.00			16.15	
250.00			25.82	

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
251.00			1.838	
252.00			0.373	
253.00			0.208	
254.00			1.111	
255.00			24.91	
256.00			6.315	
257.00			22.48	
258.00			7.986	
259.00			14.28	
260.00			15.83	
261.00			14.68	
262.00			12.67	
263.00			18.21	
264.00			26.28	
265.00			1.436	
266.00			30.57	
267.00			18.05	
268.00			9.303	
269.00			16.74	
270.00			19.63	
271.00			21.98	
272.00			27.27	
273.00			0.773	
274.00			1.847	
275.00			24.21	
276.00			28.22	
277.00			1.448	
278.00			18.98	
279.00			0.377	
280.00			0.772	
281.00			7.702	
282.00				shattered core
283.00			0.659	
284.00			1.265	
285.00			12.76	
286.00			23.98	
287.00			50.17	
288.00			32.69	
289.00			9.161	
290.00			7.785	
291.00			0.79	
292.00			0.434	
293.00			0.554	
294.00			0.83	
295.00			0.999	
296.00			0.791	
297.00			0.853	
298.00			0.691	
299.00			13.74	
300.00			2.02	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
301.00			0.585	
302.00			0.311	
303.00			0.477	
304.00			0.439	
305.00			0.543	
306.00			0.576	
307.00			0.362	
308.00			0.38	
309.00			0.372	
310.00			0.584	
311.00			0.414	
312.00			0.583	
313.00			0.461	
314.00			0.612	
315.00			0.396	
316.00			0.585	
317.00				Gouge/broken core
318.00			0.537	
319.00			0.554	
320.00			0.668	
321.00			0.485	
322.00			0.405	
323.00			0.305	
324.00			0.452	
325.00			0.486	
326.00			0.323	
327.00			0.375	
328.00			0.27	
329.00			0.499	
330.00			0.443	
331.00			0.473	
332.00			0.42	
333.00			0.452	
334.00			0.537	
335.00			0.563	
336.00			4.64	
337.00			0.373	
338.00			0.249	
339.00			0.254	
340.00			0.018	
341.00			0.336	
342.00			0.184	
343.00			0.724	
344.00			0.344	dyke
345.00			0.266	dyke
346.00			0.198	dyke
347.00			0.242	dyke
348.00			0.218	dyke
349.00			0.213	dyke
350.00			0.303	dyke

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
351.00			0.243	dyke
352.00			0.291	dyke
353.00			0.23	
354.00			0.835	dyke
355.00			0.259	dyke
356.00			0.324	dyke
357.00			0.38	dyke
358.00			0.256	dyke
359.00			0.288	dyke
360.00			0.24	dyke
361.00			0.386	
362.00			0.799	
363.00			0.721	
364.00			0.665	
365.00			0.435	
366.00			3.458	
367.00			0.7	
368.00			2.479	
369.00			3.502	
370.00			15.23	
371.00			0.809	
372.00			27.18	
373.00			22.7	
374.00			35.48	
375.00			8.395	
376.00			17.74	
377.00			18.29	
378.00			2.363	
379.00			12.57	
380.00			0.732	
381.00			0.77	
382.00			0.432	
383.00			0.262	
384.00			0.271	
385.00			0.48	
386.00			0.232	
387.00			1.381	
388.00			0.19	Rubble
389.00			0.25	Rubble
390.00			8.439	Rubble
391.00			0.127	Rubble
392.00			0.257	Rubble
393.00			0.114	Rubble
394.00			0.11	Rubble
395.00			0.204	Rubble
396.00			0.108	Rubble
397.00			0.141	Rubble
398.00			0.17	Rubble
399.00			0.117	Rubble
400.00			0.288	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	DESCRIPTION
401.00			0.605	
402.00			0.54	
403.00			3.301	
404.00			0.246	
405.00			3.084	
406.00			1.483	
407.00			4.189	
408.00			14.76	
409.00			1.02	
410.00			37.67	
411.00			0.985	
412.00			0.116	
413.00			0.156	
414.00			0.158	
415.00			0.173	
416.00			0.233	
417.00			0.17	
418.00			0.189	
419.00			0.235	
420.00			0.141	
421.00			0.6	
422.00			0.63	
423.00			0.257	
424.00			3.379	
425.00			0.776	
426.00			0.929	
427.00			0.603	
428.00			3.082	
429.00			2.146	
430.00			9.563	
431.00			22.65	
432.00			16.93	
433.00			11.2	
434.00			2.476	EOH @ 434.95m

BOX LOG

HOLE: KL-11-63

BOX	FROM (m)	TO (m)
1	0.00	6.78
2	6.78	12.93
3	12.93	16.76
4	16.76	20.46
5	20.46	24.51
6	24.51	28.54
7	28.54	32.61
8	32.61	36.42
9	36.42	40.54
10	40.54	44.56
11	44.56	48.82
12	48.82	52.60
13	52.60	56.90
14	56.90	60.44
15	60.44	64.20
16	64.20	67.87
17	67.87	71.63
18	71.63	75.29
19	75.29	78.74
20	78.74	82.14
21	82.14	85.67
22	85.67	89.73
23	89.73	93.15
24	93.15	97.17
25	97.17	101.02
26	101.02	105.29
27	105.29	109.42
28	109.42	113.68
29	113.68	117.44
30	117.44	121.39
31	121.39	125.37
32	125.37	129.57
33	129.57	133.85
34	133.85	138.03
35	138.03	142.28
36	142.28	146.30
37	146.30	150.59
38	150.59	154.33
39	154.33	158.13
40	158.13	161.95
41	161.95	165.80
42	165.80	169.77
43	169.77	173.82
44	173.82	177.05
45	177.05	180.51
46	180.51	183.98
47	183.98	187.47
48	187.47	191.41
49	191.41	195.42
50	195.42	199.30
51	199.30	203.22
52	203.22	207.34
53	207.34	211.31
54	211.31	215.49
55	215.49	219.79
56	219.79	223.74
57	223.74	227.99
58	227.99	232.14
59	232.14	236.56
60	236.56	240.60
61	240.60	244.65
62	244.65	248.81
63	248.81	252.07
64	252.07	256.00
65	256.00	259.81
66	259.81	263.85
67	263.85	267.31
68	267.31	270.75
69	270.75	274.86
70	274.86	278.86
71	278.86	282.48
72	282.48	285.88
73	285.88	290.12
74	290.12	293.92
75	293.92	297.79
76	297.79	301.89
77	301.89	305.71
78	305.71	309.92
79	309.92	313.14
80	313.14	316.35
81	316.35	320.03
82	320.03	323.35
83	323.35	326.62
84	326.62	330.96
85	330.96	334.24
86	334.24	338.32
87	338.32	341.62
88	341.62	345.22
89	345.22	349.55
90	349.55	353.66
91	353.66	357.36
92	357.36	361.49
93	361.49	365.82
94	365.82	369.78
95	369.78	373.99
96	373.99	378.05
97	378.05	381.33
98	381.33	384.53
99	384.53	388.01
100	388.01	390.45
101	390.45	394.54
102	394.54	397.98
103	397.98	400.38
104	400.38	404.19
105	404.19	407.71
106	407.71	411.24
107	411.24	414.60
108	414.60	418.23
109	418.23	422.34
110	422.34	426.16
111	426.16	430.01
112	430.01	433.93
113	433.93	434.95
		EOH

APPENDIX VIII

NEW-SENSE GEOPHYSICS LTD. GEOPHYSICAL REPORT

Logistics
Report

For the

High Resolution Helicopter Magnetic and
Gamma-ray Spectrometric Airborne Geophysical Survey

Flown over

Klaza Extension Block, YT, Canada

From

Carmacks, YT, Canada

Carried out on behalf of

ROCKHAVEN RESOURCES LTD.

By

New-Sense Geophysics Limited

Toronto, Canada
September 27th, 2011
(HMR110714-report)

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AMENDMENT RECORD

Rev	Date	Description	Report Section	Prepared by

DOCUMENT RECORD

Document Identification	HMR110714-report
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1. INTRODUCTION

A high sensitivity helicopter magnetic and gamma-ray spectrometric airborne survey was carried out for Rockhaven Resources Ltd. (Client) over the project area known as Klaza Extension block, located approximately 50 km west of Carmacks, YT, Canada.

New-Sense Geophysics (NSG) flew the survey under the terms of an agreement with Client dated July 13th, 2011 (Appendix G).

The survey was flown on July 15th/16th, 2011. A total of 485 line kilometers of field magnetic and radiometric data was flown, collected, processed and plotted.

The geophysical equipment was comprised of 1 high-sensitivity Cesium-3 magnetometer mounted in a fixed stinger assemble, and a 1024-channel spectrometer with four downward looking crystals (total 16 liters), and one upward looking crystal (total 4 liters). Airborne ancillary equipment included; digital recorders, fluxgate magnetometer, radar altimeter, and global positioning system (GPS) receiver. The GPS receiver provided accurate real-time navigation and subsequent flight path recovery. Surface equipment included a magnetic base station with GPS time synchronization, and a PC-based field workstation which was used to check the data quality and completeness on a daily basis.

The technical objective of the survey was to provide high-resolution total field magnetic and radiometric maps suitable for anomaly delineation, detailed structural evaluation, and identification of lithologic trends. Fully corrected magnetic and radiometric maps were prepared by New-Sense Geophysics Limited, in their Toronto office, after the completion of survey activities.

This report describes the acquisition, processing, and presentation of data for the Rockhaven Resources Ltd. airborne survey over Klaza Extension block flown from Klaza camp and Carmacks, YT, Canada (Table 2.1 and Figure 2.1).

2. SURVEY LOCATION

Datum: NAD83
Projection: Universal Transverse Mercator Zone 8N
Local Datum Transform: North America – Canada and USA

Table 2.1: Klaza Extension Block Coordinates

UTM Zone 8N	
NAD83_X	**NAD83_Y**
374057	6898775
380842	6894860
378147	6889992
371362	6893942
374046	6898810

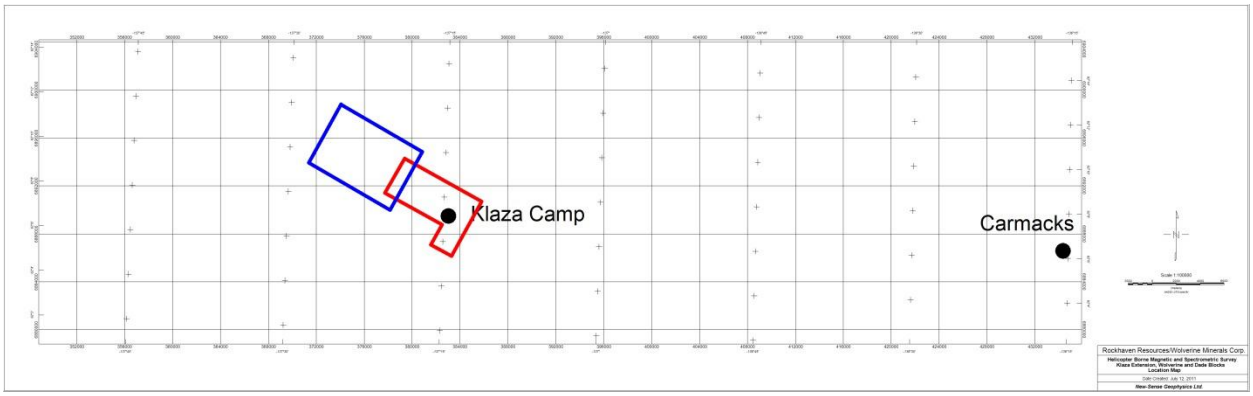


Figure 2.1 Map depicting outlines of the Klaza Extension block (blue), and Klaza block (red), which was flown in 2010. Coordinate system, WGS84, World, UTM Z8N. UTM grid cell size 4km.

3. PERSONNEL

3.1 FIELD OPERATIONS

New-Sense Geophysics Ltd., Geophysicist:	Pawel Starmach
Northern Air Support Ltd., Pilot:	Jim Stibbart

3.2 OFFICE DATA PROCESSING AND OFFSITE QA/QC

QA/QC (NSG):	Andrei Yakovenko
.	
Data Processing and Grids (NSG):	Andrei Yakovenko Pawel Starmach
Maps (NSG):	Andrei Yakovenko
Logistics Report (NSG):	Andrei Yakovenko

3.3 PROJECT MANAGEMENT

New-Sense Geophysics Ltd.:	Andrei Yakovenko, Vice President, Operations
Rockhaven Resources Ltd.	Matthew A. Turner, CEO

4. SURVEY PARAMETERS

Traverse Line spacing:	100 m
Control Line spacing:	1000 m
Average Terrain clearance:	35 m
Navigation:	GPS
Traverse Line direction:	29^0, 209^0
Control Line direction:	119^0, 299^0
Measurement interval:	0.02/0.1 sec for magnetic; 1.0 sec for radiometric; 1.0 sec for GPS
Groundspeed (average):	141 km/hr
Measurement spacing (average):	3.9 m/0.1 sec for magnetic; 39/1.0 sec for radiometric
Airborne Digital Record:	Line Number Flight Number Radar Altimeter Total Field Magnetics Live Time Thorium counts Potassium counts Uranium counts Upward looking Uranium counts Cosmic counts Down Spectrum Up Spectrum Total Counts Time (System and GPS) Raw Global Positioning System (GPS) data Magnetic compensation parameters (fluxgate mag.)
Base Station Record:	Ambient Total Field Magnetics Raw Global Positioning System (GPS) data Time (System and GPS)

5. AIRCRAFT AND EQUIPMENT

5.1 AIRCRAFT

The aircraft used was a Bell 206 B3 helicopter (C-GMPS) equipped with a Cesium magnetometer mounted in a fixed stinger assembly and RS-500 airborne spectrometer mounted in the storage compartment. The aviation company providing the aircraft service was Northern Air Support based in Kelowna, BC, Canada.

5.2 AIRBORNE GEOPHYSICAL SYSTEM

5.2.1 MAGNETOMETER

One Scintrex CS-3 optically pumped Cesium split beam sensor was mounted in a fixed stinger assembly. The magnetometer's Larmor frequency output was processed by a KMAG-4 magnetometer counter, which provides a resolution of 0.15 ppm (in a magnetic field of 50,000 nT, resolution equivalent to 0.0075 nT). The raw magnetic data was recorded at 50 Hz, anti-aliased with 51 point COSINE filter and resampled at 10 Hz .

5.2.2 MAGNETIC COMPENSATION

The proximity of the aircraft to the magnetic sensor creates a measurable anomalous response as a result of the aircrafts movement. The orientation of the aircraft with respect to the sensor and the motion of the aircraft through the earth's magnetic field are contributing factors to the strength of this response. A special calibration flight, Figure of Merit (i.e., FOM), was flown to record the information necessary to compensate for these effects.

The FOM maneuvers consist of a series of calibration lines flown at high altitude to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers are performed on the aircraft (typical angle ranges are 10^{o} pitch, 10^{o} roll, and 10^{o} yaw). Each variation is conducted three times in succession (first pitch, then roll, then yaw), providing a complete picture of the aircraft's effects at designated headings in all orientations.

A three-axis Bartington fluxgate magnetometer (recorded at 50 Hz) was used to measure the orientation and rates of change of the magnetic field of the aircraft, away from localized terrestrial magnetic anomalies. The QC Tools digital compensation algorithm was then applied to generate a correction factor to compensate for permanent, induced, and eddy current magnetic responses generated by the aircrafts movements.

5.2.3 GPS NAVIGATION

A U-BLOX RCB-LJ sixteen channel GPS receiver, which is an integral component of the iNAV V3 computer system, was used to run the flight control system and provide precise positioning of the aircraft.

5.2.4 ALTIMETER

A TRA 3500 radar altimeter was mounted inside the stinger. This instrument operates with a linear performance over the range of 0 to 2,500 feet and records the terrain clearance of the sensors. The raw radar altimeter data was recorded at 50 Hz, anti-aliased with a 21 point COSINE filter and re-sampled at 10 Hz.

5.2.5 GEOPHYSICAL FLIGHT CONTROL SYSTEM

New-Sense's iNAV V3 geophysical flight control system monitored and recorded magnetometer, spectrometer, altimeter, and GPS equipment performance. Input from the various sensors was monitored every 0.005 seconds for the precise coordination of geophysical and positional measurements. The input was recorded fifty times per second (one time per second in the case of GPS and radiometric data).

GPS positional coordinates and terrain clearance were presented to the pilot by means of a panel mounted indicator display. The magnetometer response, forth difference, altimeter profile and profiles of the radiometric windows were also available on the touch screen display, for real-time monitoring of equipment performance.

5.2.6 SPECTROMETER

The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), was used for the survey. The RS-500 spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 1024 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

5.2.7 IDAS DIGITAL RECORDING

The output of the CS-3 magnetometer, fluxgate magnetometer, altimeter, temperature, pressure, GPS coordinates, and time (system and GPS), were recorded digitally on a Compact Flash drive at a sample rate of fifty times per second (one time per second for GPS) by the iNAV V3 system.

5.2.8 PRESSURE AND TEMPERATURE

A Honeywell Precision Pressure Transducer, model PPT0020AWN2VA-A, was used to record the ambient pressure and temperature during the survey. The device was mounted within the helicopter stinger. The pressure and temperature output units were mbar and degrees Celsius respectively.

5.2.9 SPECTROMETER DIGITAL RECORDING

The output of the RS-500 spectrometer, GPS coordinates, and time (UTC), were recorded digitally on an internal RS-500 flash drive at a sample rate of 1 Hz. After each flight the data were copied and synchronized using UTC clock with the iDAS digital records.

5.3 GROUND MONITORING SYSTEM

5.3.1 BASE STATION MAGNETOMETER

A Scintrex CS-3 optically pumped cesium split beam sensor was used at the base of operations within the airport boundaries, in an area of low magnetic gradient and low/free from cultural electric & magnetic noise sources. The sensitivity and absolute accuracy of the ground magnetometer is +/- 0.01 nT. Data was recorded continuously at least every one second throughout all survey operations in digital form on a TC-10 data acquisition system. Both the ground and airborne magnetic readings were synchronized based on the GPS clock.

5.3.2 RECORDING

The output of the magnetic and GPS monitors was recorded digitally on a dedicated TC-10 computer. A visual record of the last three hours was graphically maintained on the computer screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight raw GPS and magnetic data were transferred to the main field compilation computer.

5.4 FIELD COMPILATION SYSTEM

A field laptop computer was used for field data processing and presentation. The raw data was imported to Geosoft Oasis montaj for QA/QC and processing purposes. After the data was checked for quality control, the database with uncompensated magnetic readings was exported to QC Tools software package for magnetic compensation and base station data merging purposes. The compensated database was then imported back to Oasis for the subsequent and final processing.

6. PRE-SURVEY SPECTROMETER CALIBRATIONS

Calibrations, and testing of the RS-500 (SN 5516) airborne gamma-ray spectrometry system were carried out on July 20th and 21st, 2011 in the vicinity of the survey area. The installed equipment and configurations were selected to conform to the contracts technical specifications.

Calibration of the spectrometer system is a vital process to airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- **Calibration Pad** measurements, which are used to determine the "spectral overlap" (Compton scattering) coefficients. The calibration test was performed within a 12 month period before the survey by the manufacturer (Radiation Solutions Inc.), at its headquarters location in Mississauga, Ontario.

- **Cosmic Flight Test**, which is used to determine cosmic coefficients and aircraft background noise, was conducted on July 20th, 2011.

- **Height Attenuation Test**, which determined the altitude attenuation coefficients, was conducted on July 21st, 2011.

6.1 ENERGY WINDOWS

The airborne radiometric technique requires measurement of count rates for specific energy regions or windows in the natural gamma-ray spectrum. The standard energy regions (in accordance with the International Atomic Energy Agency (IAEA) 323), and their corresponding channel limits are:

Table 6.1 Downward spectrometer energy windows

Designation	Energy Limit (keV)		Channel Limit (inclusive)	
	Lower	Upper	Unit Values	
			Lower	Upper
Total Count (TC)	410	2810	137	937
K	1370	1570	457	523
U	1660	1860	553	620
Th	2410	2810	803	937
U (upward)	1660	1860	553	620
Cosmic	3200	infinity		

6.2 CALIBRATION PAD TEST

The Compton stripping coefficients as provided by RSI are listed below:

Table 6.2 Compton stripping coefficients

Stripping Ratios	Spectrometer (SN 5516)	"normal" values
Th into U (alpha = a23/a33)	0.271	0.250
Th into K (beta = a13/a33)	0.399	0.400
U into K (gamma = a12/a22)	0.752	0.810
U into Th (a = a32/a22)	0.046	0.060
K into Th (b = a31/a11)	0	0
K into U (g = a21/a11)	0	0.003

6.3 COSMIC FLIGHT TEST

In each of the spectral windows, the radiation increases exponentially with height due to radiation of cosmic origin. As well, the aircraft itself contributes a constant background to the count rate. By completing a series of flights within the same region, over a range of altitudes, these background contributions can be determined.

6.3.1 SETUP AND MEASUREMENT PROCEDURE

1. A resolution check was completed at the aircraft base prior to the cosmic test to insure the sensitivity and accuracy of the spectrometer.
2. Once the aircraft reached the desired altitude (first at ~9,200 feet), survey data were recorded for approximately ten minutes.
3. Step 2 was then repeated at the following remaining altitudes: ~10,300, 11,300 and 12,300 feet above sea level (see table 6.3).

Table 6.3 Cosmic Test data

	Cosmic Test Flight Data (average counts)					
Altitude (ft)	Cosmic	UU	K	U	Th	TC
9236	217	4	23	14	14	318
10293	256	4	26	15	16	358
11316	297	5	29	19	20	412
12279	344	6	32	21	23	463

6.3.2 RESULTS FROM COSMIC FLIGHT TEST

At each altitude, the raw data for the five windows of interest (Th, K, U, TC, and U upward) were evaluated for quality. The mean values were then extracted and plotted against the cosmic background window (see Appendix A). The result is a linear trend, where the slope and intercept represent the cosmic stripping ratio and the aircraft background respectively. The results from the graphs are summarized below.

Table 6.4 Cosmic and aircraft background coefficients

Cosmic Flight Test Result		
Element	Cosmic	Aircraft Background
K	0.071	7.7387
U	0.0592	0.751
Th	0.0735	0
TC	1.1587	65.06
UU	0.0168	0.0828

6.4 ALTITUDE ATTENUATION TEST

The height attenuation of the spectrometer systems was calculated by flying a series of passes across a line over flat ground with uniform radioelement ground concentration. The test range was flown by acquiring data on a series of seven passes over a set path, at the following altitudes: 50, 100, 150, 200, 300, 500, 700, and 1000 feet above ground.

6.4.1 RESULTS FROM ALTITUDE ATTENUATION TEST

The airborne data from the altitude attenuation test was checked for quality, edited and divided into lines, where each line represents a pass. The radiometric windows were then corrected for background (aircraft and cosmic) and stripped of Compton contributions. After averaging the data for each line, the four windows of interest (K, U, Th, and Total Count) were plotted against the altimeter in order to obtain the height attenuation. The results were obtained using an exponential regression, where the slope represents the attenuation coefficient and the ‘y’ intercept represents the counts at 0 feet (see Tables 6.7-6.8 and Appendix A).

Table 6.5 Height Attenuation coefficients

Element	Altitude attenuation coefficients
K	-0.014
U	-0.007
Th	-0.009
TC	-0.009

6.5 RADON HOVER TEST

On all survey flights one radon normalization test was flown before or after data collection.

The test consisted of the helicopter hovering over a designated test area at nominal survey altitude once per flight. The tests consisted of the pilot being guided using the iDAS navigation system, at fixed speed, and for approximately 5 min to allow for adequate statistics to be collected.

Since no noticeable radon fluctuations were observed on any of the flights, no radon corrections corrections were applied to the data set.

6.6 RADIOELEMENT GROUND CONCENTRATIONS AND SYSTEM SENSITIVITIES

The radiometric ground concentrations were measured using a calibrated portable spectrometer (RSI-125) during the same time as the airborne altitude attenuation flights took place (i.e., July 21st, 2011). The sensor was positioned one meter above the soil and away from the operators' body in the vicinity of altitude attenuation test strip. Fourteen 300-second measurements were taken over the length of the calibration range.

The resulting mean radiometric equivalent ground concentrations for the calibration range on were as follows:

Table 6.8 Ground concentrations

Radio Element	Ground Concentration	
Potassium	0.9	%
Equivalent Uranium	1.86	*ppm*
Equivalent Thorium	5.28	*ppm*
Total	35.98	nGy/h

Using these ground concentrations and the altitude attenuation calibration flight data, the System Sensitivities were obtained:

$$S = N/C$$

Where:

- S is the sensitivity for each window
- N is the striped count rate in the window at the survey altitude (i.e, 30m)
- C is the respective ground radioelement concentration.

With the following results:

Table 6.9 Sensitivities @ 30m from

	Sensitivities @ 30m
K	$89.34\ cps/(\%)$
U	$6.43\,cps/(ppm)$
Th	$3.98\ cps/(ppm)$
TC	$22.78\ cps/(nGy/h)$

Note: Determining of radioelement ground concentrations and system sensitivities were not part of the singed agreement. Such data are made available to the client as a courtesy.

7. OPERATIONS AND PROCEDURES

7.1 FLIGHT PLANNING AND FLIGHT PATH

The block outline coordinates (section 2.0) were used to generate pre-calculated navigation files. The navigation files were used to plan flights at the designated traverse line spacing of 100 meters and control lines of 1000.

Preliminary flight path maps and magnetic maps were plotted and updated, to monitor coverage of the survey area.

7.2 BASE STATION

The magnetic base station was established in magnetically quiet area at the camp site at latitude: 62.118220; Longitude: -137.250146.

The base station readings were monitored to ensure that the diurnal variation were within the peak-to-peak envelope of 20 nT from a long chord distance equivalent to a period of two minutes.

7.3 AIRBORNE MAGNETOMETERS

The FOM test of the performance of the CS-3 and fluxgate magnetometers was performed on July 18th, 2011 in order to monitor the ability of the system to remove the effects of aircraft motion on the magnetic measurement.

The FOM maneuvers consisted of a series of calibration lines flown at high altitude (10,000+ ft above sea level) to gain information in each of the required line directions. During this procedure, pitch, roll, and yaw maneuvers were performed on the aircraft.

The following ranges were used:

Pitch: 10-15^{o}
Roll: 10-15^{o}
Yaw: 10-15^{o}

The total FOM noise was 1.25nT with an envelope of 0.2nT (Appendix B).

7.4 THORIUM RESOLUTION TESTS

In order to monitor the resolution of the crystal pack, a twice-daily a resolution test of the spectrometer was performed in RadAssist (RSX-5 spectrometer interface program) using ~2000 thorium background counts per crystal.

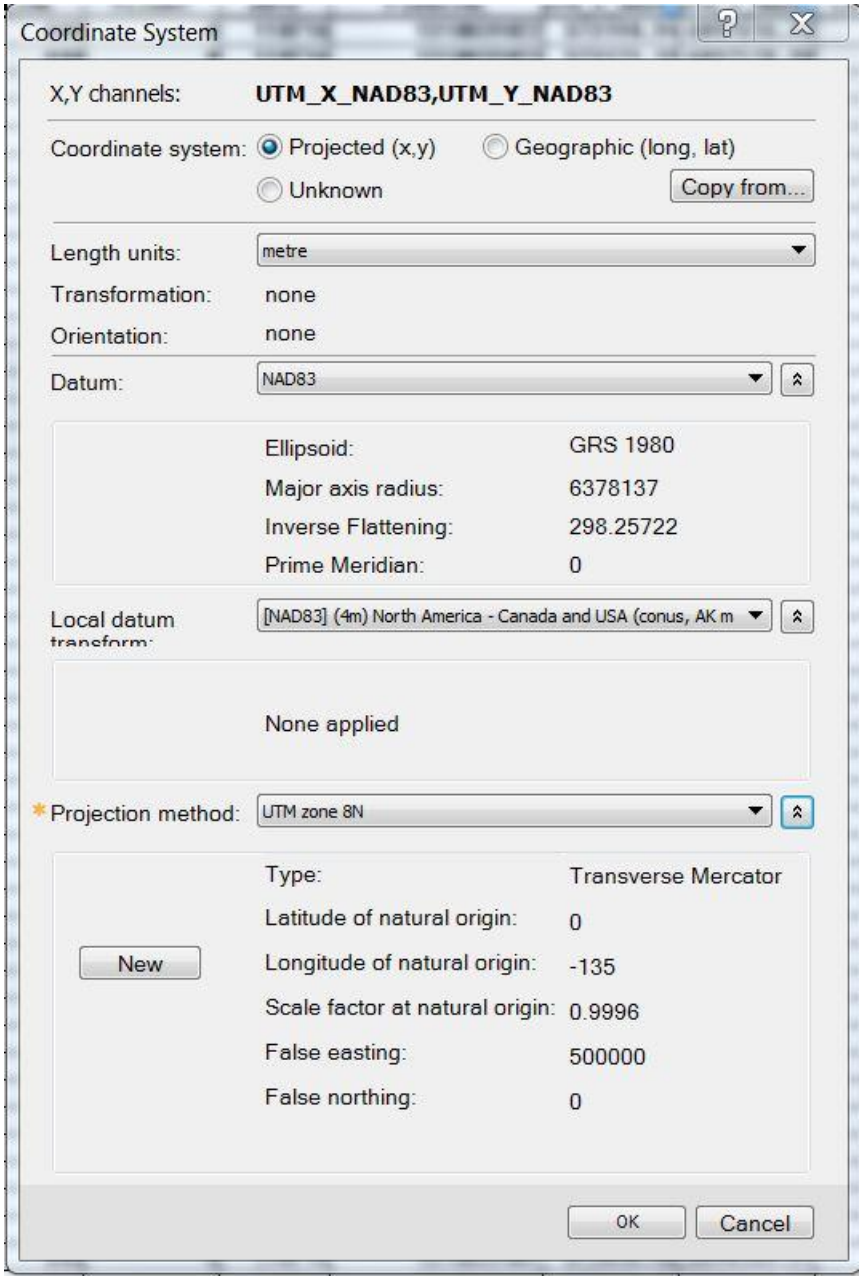
The results from the resolution tests were always found to be within the contract specifications (see Appendix D for the daily test results).

7.5 DATA COMPILATION

Data recorded by the airborne and base station systems was transferred to the field compilation system. As each flight was completed, the following compilation operations were carried out:

7.5.1 FLIGHT PATH CORRECTIONS

The navigational correction process yields a flight path expressed in WGS84, World and transformed to correspond to NAD83, North America – Canada and USA.



All 1.0 Hz GPS records were linearly interpolated and resampled at 10 Hz (0.1 sec) intervals.

7.5.2 MAGNETIC CORRECTIONS

7.5.2.1 FILTERING AND COMPENSATION

The raw 50Hz magnetic data were filtered, along with the fluxgate magnetometer data, with a 51 cosine anti-aliasing algorithm and re-sampled at 10 Hz.

The filtered and re-sampled data were stored in the MAG_FILT channel.

Then the MAG_FILT data were compensated for permanent, induced, and eddy current magnetic noise generated by the aircraft using data from the fluxgate magnetometer error (see Appendix B).

The compensated magnetic data were then stored in the MAG_COMP channel.

7.5.2.2 DIURNAL CORRECTIONS

The compensated magnetic data were adjusted to account for diurnal variations. When the magnetic variations recorded at the base station recognized to be caused by man-made sources, (such as equipment, vehicles passing by the sensor), they were removed and gaps interpolated.

The diurnal data were recorded at 1Hz and filtered with a 31-point low pass filter. The filtered data were then subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction.

After base station removal, the total magnetic field values become very small. To bring the total magnetic measurements back to ‘normal’ values, project averages (i.e., 57,309.73 nT) from the base station readings were added back to the magnetic data.

The resulting base station corrected data were stored in the MAG_DIURNAL_CORR channel.

7.5.2.3 HEADING CORRECTIONS

Optically pumped magnetic sensors have an inherent heading error, typically 1 to 2 nT peak-to-peak, as the sensor is rotated through 360 degrees. On flight line directions of the opposite heading, the affect is reasonably predictable.

The Klaza Extension block did not have visible systematic heading error. For that reason no heading corrections were applied to the dataset.

7.5.2.4 LAG CORRECTIONS

There are two potential types of Lag offsets when collecting airborne data: time lag and distance lag.

NSG insures that there is no time lag in the data acquisition system by recording unique markers every 1-second based on the GPS time stamp (associated with the EXACT change in GPS positioning). This information is used to realign (if necessary) the individual data records.

The distance lag is determined by dividing the distance from the GPS antenna to the sensor head by the averaged sample rate distance.

5.3 / 3.9 = 1.36 records

A lag correction of -1 records was applied to the MAG_DIURNAL_CORR channel and stored in the MAG_LAG_CORR channel.

7.5.2.5 IGRF CORRECTIONS

The total field strength of the International Geomagnetic Reference Field (IGRF, 2010 model) was calculated for every data point, based on the spot values of Latitude, Longitude and altitude. This IGRF was removed from the measured survey data on a point-by-point basis from the lag corrected channel.

After IGRF correction the total magnetic field values become negative. To bring the total magnetic measurements back to 'normal' values an average (i.e., 57,848.05 nT) of IGRF values based on the whole project were added back to the magnetic data.

The IGRF corrections were applied to the MAG_LAG_CORR channel and stored in the MAG_IGRF_CORR channel.

7.5.2.6 LEVELING CORRECTIONS

After the data were corrected for IGRF, a survey traverse/control line intercepts array/matrix (i.e., Simple Leveling) was created for determining differences in magnetic field at the intersection points. The somewhat rugged terrain of the survey blocks, resulted in some line-to-line difference in altitude, and relatively strong magnetic anomalies made magnetic signal at some Traverse/Control line intersection

points quite different. As a result, some of those intersection points needed to be manually adjusted in order to reduce line-to-line magnetic differences.

The resulting simple leveled magnetic data were stored in MAG_SMPL_LVL channel.

Further it was decided to apply microlevelling techniques to the conventionally leveled magnetic data (see Appendix F for full description of the procedure).

The following key parameters were used:

Table 7.1 Magnetic data microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Klaza Extension BK	100	29	20	400	13.7	clip	200

The resulting microleveled magnetic data were stored in the TMI_FINAL channel.

7.5.3 VERTICAL DERIVATIVE

A 1-st Order Vertical Derivative (VDV) dataset was calculated using 2D FFT2 algorithm based on final TMI grid. The resulting VDV grid was sampled back to the database.

The VDV data were stored in the VDV channel.

7.5.4 DIGITAL TERRAIN MODEL (DTM)

The DTM data was produced by first adjusting the GPS sensor height to that of the radar altimeter height (lowering GPS height by 2.1m). Next the radar altimeter channel (in meters) was subtracted from the GPS height data producing a raw DTM channel. Due to changing satellite positions (constellation configuration) and varying atmospheric conditions, the receiver may measure slightly varying GPS heights line-to-line. In addition, due to rugged topography, the radar altimeter measures inaccurately when the helicopter is pitched forward position (example: approach a steep hill), as the radar beam would be directed away or down the slope. Because of these inherent errors, the raw DTM channel required leveling.

It was decided to apply a microlevelling technique to the raw DTM data, developed by Paterson, Grant & Watson Limited and available through Geosoft Oasis montaj as miclev.GX extension (see Appendix F for full description of the procedure).

The following key microlevelling parameters were used:

Table 7.2 DTM data microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Klaza Extension BK	100	29	20	400	15	clip	0

The final DTM data were stored in the DTM channel name.

7.5.5 GRIDDING

The final TMI, VDV, and DTM grids were produced from the TMI_FINAL, VDV, and DTM channels respectively.

The data were gridded using a bi-directional line gridding method with a grid cell size of 20 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions (i.e., -29^0).

7.5.6 RADIOMETRIC DATA CORRECTIONS

7.5.6.1 LIVE TIME CORRECTIONS

The spectrometer uses the notion of "live time" to express the relative period of time the instrument was able to register new pulses per sample interval.

The live time correction is applied to the total count, potassium, uranium, thorium and upward uranium channels.

The formula used to apply the correction is as follows:

$$C_{LT} = C_{raw} \times \left(\frac{1000}{LT} \right)$$

Where:

- C_{LT} is the live time corrected channel

- C_{raw} is the raw channel
- LT is the Live Time channel

7.5.6.2 PRE-FILTERING

The cosmic channel data were processed with a 15-point low pass filter to remove spikes.

The radar altimeter channel while recorded at 50Hz was filtered with 21-point COSINE filter and then sampled to 1Hz.

7.5.6.3 AIRCRAFT AND COSMIC BACKGROUND

Aircraft background and cosmic stripping corrections (see section 6.3.2) were applied to the live corrected total count, potassium, uranium, thorium and upward uranium channels using the following formula:

$$C_{ac} = C_{LT} - \left(ac + bc \times cof\right)$$

Where:

- C_{ac} is the background and cosmic corrected channel
- C_{LT} is the live time corrected channel
- ac is the aircraft background for this channel
- bc is the cosmic stripping coefficient for this channel
- cof is the filtered cosmic channel

All negative counts after this correction step were replaced with zeroes.

7.5.6.4 RADON CORRECTION

No Radon corrections were applied to the data.

7.5.6.5 COMPTON STRIPPING

Following the cosmic and background corrections the potassium, uranium and thorium were corrected for spectral overlap (see section 6.2). First the stripping ratios α, β, and χ were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha h = \alpha + hef \times 0.00049$$
$$\beta h = \beta + hef \times 0.00065$$
$$\chi h = \chi + hef \times 0.00069$$

Where:

- α, β, χ are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- hef is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- U_c, Th_c, and K_c are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- U_{bc}, Th_{bc}, and K_{bc} are background and cosmic corrected Uranium, Thorium and Potassium
- ar is the backscatter correction
- a is the reverse stripping ratio U into Th

All negative counts after this correction step were replaced with zeroes.

7.5.6.6 EQUIVALENT HEIGHT AT STP

The following formula was used to calculate Equivalent Height at STP:

$$H_e = H \times \left(\frac{273.15}{T + 273.15} \right) \times \left(\frac{P}{1013.25} \right)$$

Where:

- H is the observed height

- H_e is the equivalent height at STP
- T is the temperature in degrees Celsius
- P is the barometric pressure in mbar.

7.5.6.7 HEIGHT ATTENUATION CORRECTIONS

The Total Count, Potassium, Uranium and Thorium data were then corrected to a nominal survey altitude of 35m (see section 6.4.1) using the following equation:

$$C_a = C \times e^{-\mu(h_0 - h_e)}$$

Where:

- C_a is the output altitude corrected channel
- C is the input channel
- μ is the attenuation correction for that channel
- h_e is the STP height
- h_0 is the nominal survey altitude

The altitude attenuation corrected data were then stored in U_CORR, Th_CORR, K_CORR and TC_CORR channels.

7.5.6.8 LEVELING OF HEIGHT ATTENUATION CORRECTED DATA

The resulting height attenuation corrected data were further microleveled using the following key parameters (see Appendix F for full description of the procedure).

Table 7.3 Radioelement microlevelling parameters

Radioelement	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
U	100	29	20	400	3	Clip	100
K	100	29	20	400	8	Clip	100
Th	100	29	20	400	3	Clip	100
TC	100	29	20	400	62	Clip	100

The resulting microleveled altitude attenuation corrected line data were then stored in the final U_FINAL, K_FINAL, Th_FINAL and TC_FINAL channels.

Note: in the instances where no microlevelling was applied (i.e., all of the control lines), the data in the final channels were copied directly from U_ CORR, Th_ CORR, K _CORR and TC _CORR.

7.5.6.9 CONVERSION TO APPARENT RADIOELEMENT CONCENTRATIONS

The next step is to convert the corrected potassium (K_FINAL channel), uranium (U_FINAL channel) and thorium (Th_FINAL channel) to apparent radioelement concentrations (see section 6.6) using the following formula:

$$eE = C_{cor} \Big/ s$$

Where:

- eE is the element concentration $K_{\%}$ and equivalent element concentration of U_{ppm} & Th_{ppm}
- s is the experimentally determined sensitivity
- C_{cor} is the fully corrected channel

The resulting apparent concentration data were stored in K_Percent, eU and eTh channels.

Note 1: experimentally determined sensitivities (Table 6.9, Section 6.6) were used when calculating the above apparent radioelement concentrations. These channels were used in producing of the corresponding grids.

Note 2: determining of apparent radioelement concentrations were not part of the singed agreement. Such data are made available to the client as a courtesy.

7.5.6.10 AIR ABSORPTION DOSE RATE

Finally the natural air absorption dose rate was determined using the following formula:

$$E = 13.078 \times K_{\%} + 5.675 \times eU_{ppm} + 2.494 \times eTh_{ppm}$$

Where:

- E is the air absorption rate (nGy/h)
- $K_{\%}$ is the concentration of potassium (%)

- eU_{ppm} is the equivalent concentration of potassium (ppm)
- eTh_{ppm} is the equivalent concentration of potassium (ppm)

The resulting natural air absorption rate data were stored in E channel.

Note 1: K_percent, eU and eTh channels (Section 7.5.5.9) were used when calculating the above air absorption rate. This channel was used in producing of the corresponding grid.

Note 2: Determining of the absorption rate was not part of the singed agreement. Such data are made available to the client as a courtesy.

A detailed description of how most of the procedures, formulae and constants were determined could be found in:

I.A.E.A. *Report, Airborne Gamma Ray Spectrometer Surveying*, Technical Report Series No. 323, 1991.
and
I.A.E.A *Guidelines for Radioelement Mapping Using Gamma Ray Spectrometry Data*, Technical Document No. 1363, 2003.

7.5.6.11 GRIDDING

The radiometric data were gridded from U_FINAL, Th_FINAL, K_FINAL and TC_FINAL channels (all in counts/sec) using a bi-directional line gridding method with a grid cell size of 30 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions (i.e., -29^0).

7.5.6.12 TERNARY MAP

The radioelement ternary map was produced by creating individual grids for each of the three radioelements (potassium, thorium and uranium), then assigning a specific colour to each. Cyan represents thorium, yellow uranium, and magenta potassium. The relative concentrations of the radioelements are represented by the blends of the three colours.

8. MAP PRODUCTS AND DIGITAL DATA DELIVERABLES

The following is the list of items delivered to **Rockhaven Resources Ltd.**

1) **Hard Copy Maps for Klaza Extension Block @ 1:20,000 scale (x2)**:

- Maps of Total Magnetic Intensity
- Maps of 1st order Vertical Derivative
- Maps of Digital Terrain Model
- Maps of Ternary Image (Th, U and K)
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count

2) **Hard Copy Logistics Report (x2)**:

3) **Digital Copy (DVD) Maps for Klaza Extension Block @ 1:20,000 scale (x2)**:

- Maps of Total Magnetic Intensity
- Maps of 1st order Vertical Derivative
- Maps of Digital Terrain Model
- Maps of Ternary Image (Th, U and K)
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count

4) **Digital Copy Grids (DVD) for Klaza Extension Block (x2)**:

- Grids of Total Magnetic Intensity (nT)
- Grids of 1st order Vertical Derivative (nT/m)
- Grids of Digital Terrain Model (m above MSL)
- Grids of Potassium (counts/sec)
- Grids of Thorium (counts/sec)
- Grids of Uranium (counts/sec)
- Grids of Total Count (counts/sec)

5) **Digital Copy (DVD) for Klaza Extension Block (x2)**:

- Magnetics data databases: MAGNETIC_ KLAZA_EXT_BK.gdb (See Appendix C for details)
- Radiometric data database: RADIOMETRIC_ KLAZA_EXT_BK.gdb (See Appendix C for details)

6) **Digital Copy (DVD) Logistics Report (x2)**

9. SUMMARY

This report describes the logistics of the survey, equipment used, field procedures, data acquisition and presentation of results.

The various maps included with this report display the magnetic and radiometric properties of the survey area. It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information.

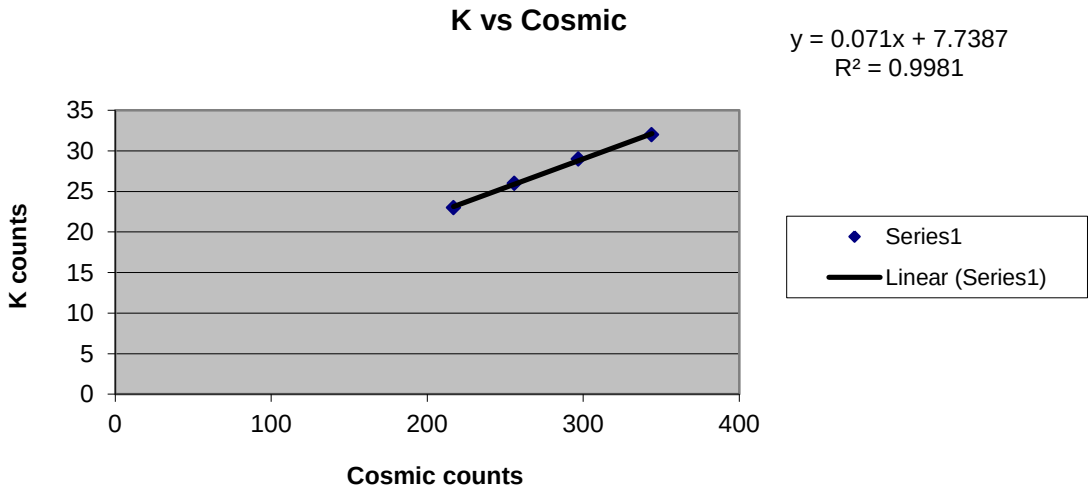
Further processing of the data may enhance subtle features that can be of importance for exploration purposes.

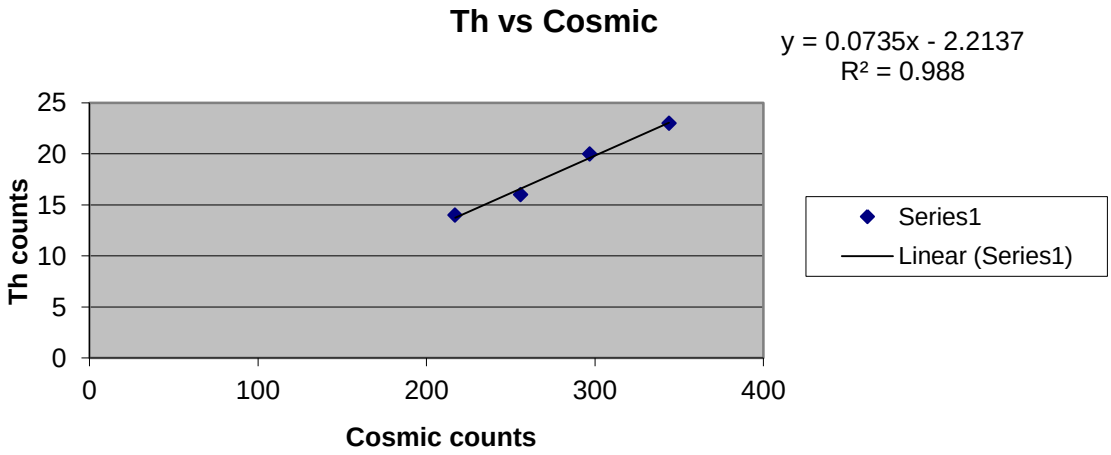
Respectfully submitted,

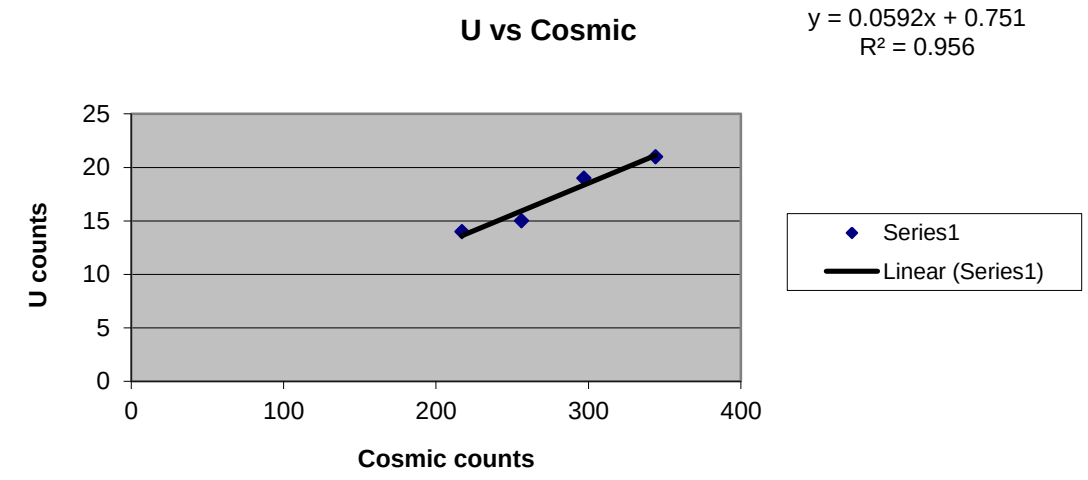
Andrei Yakovenko
New-Sense Geophysics Ltd.
Date: September 27th, 2011

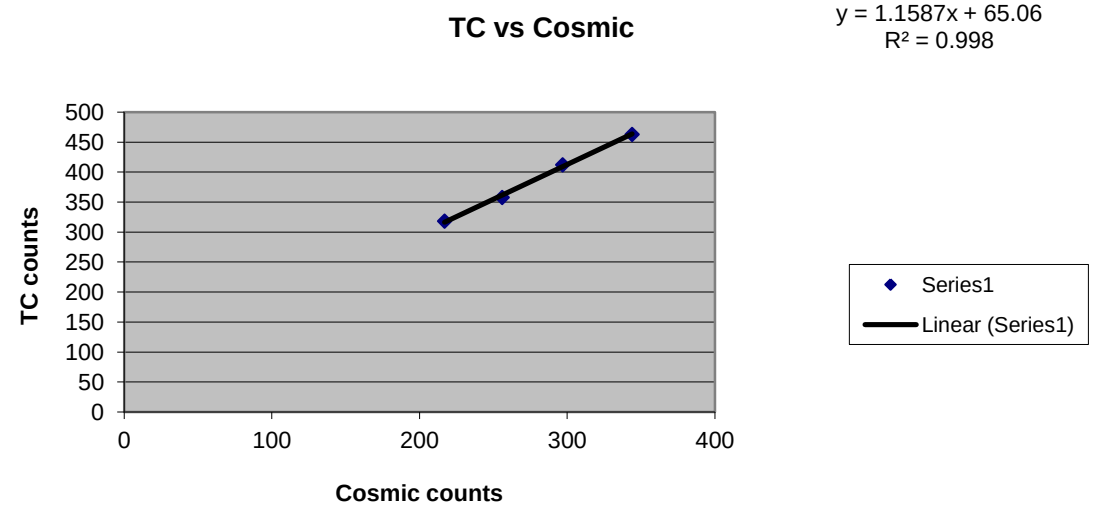
APPENDIX A: BACKGROUND, COSMIC AND ALTITUDE ATTENUATION TEST CHARTS

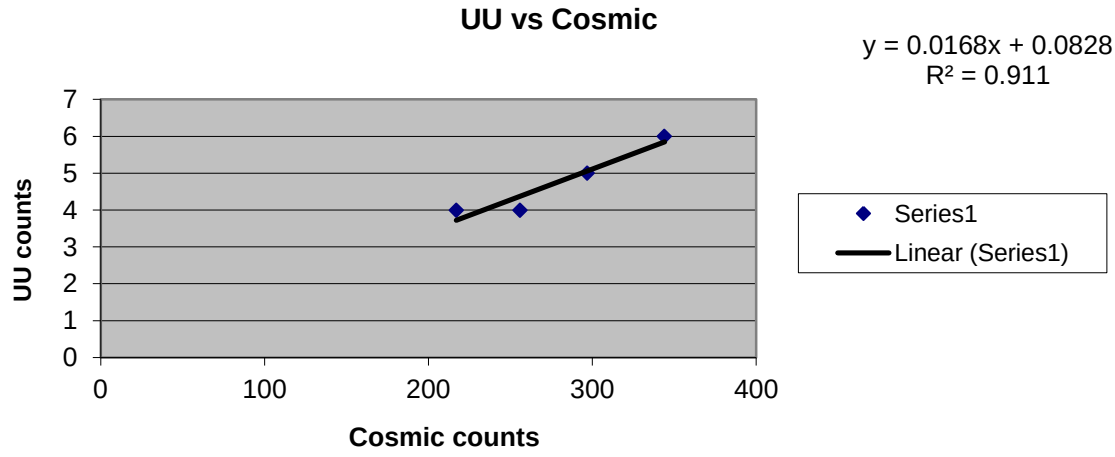
Background & Cosmic



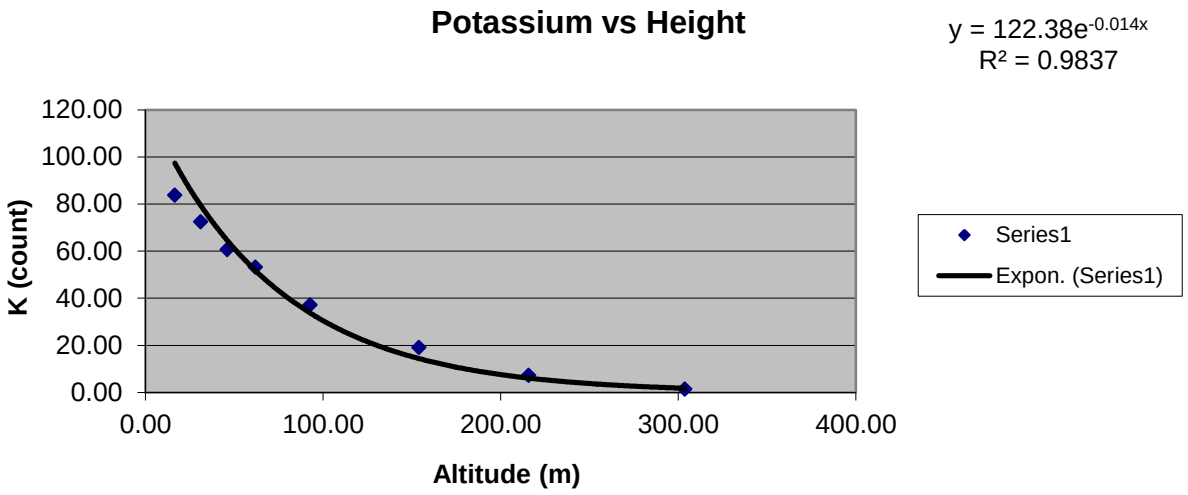


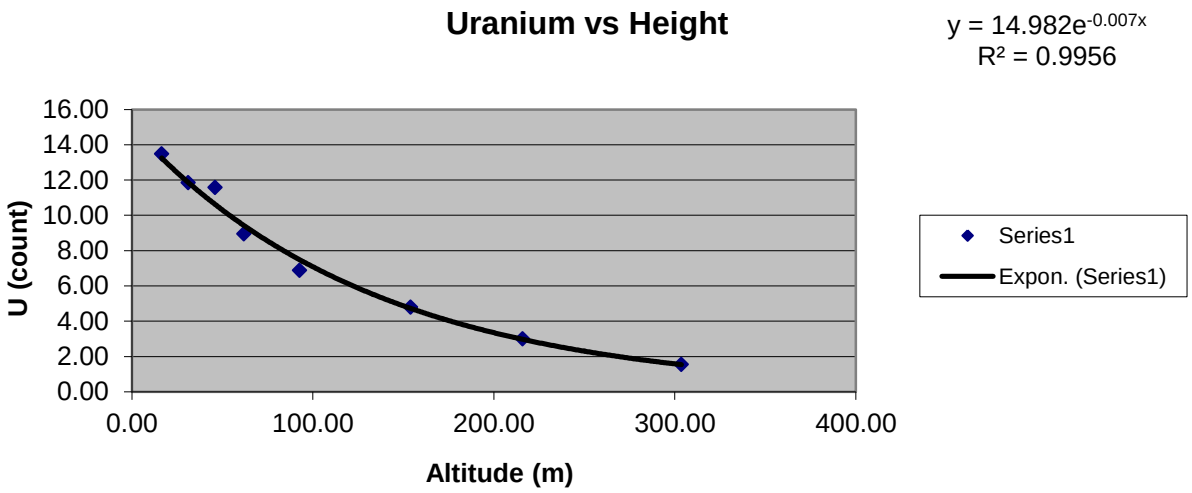

U vs Cosmic
y = 0.0592x + 0.751
R² = 0.956
U counts
Cosmic counts
Series1
Linear (Series1)

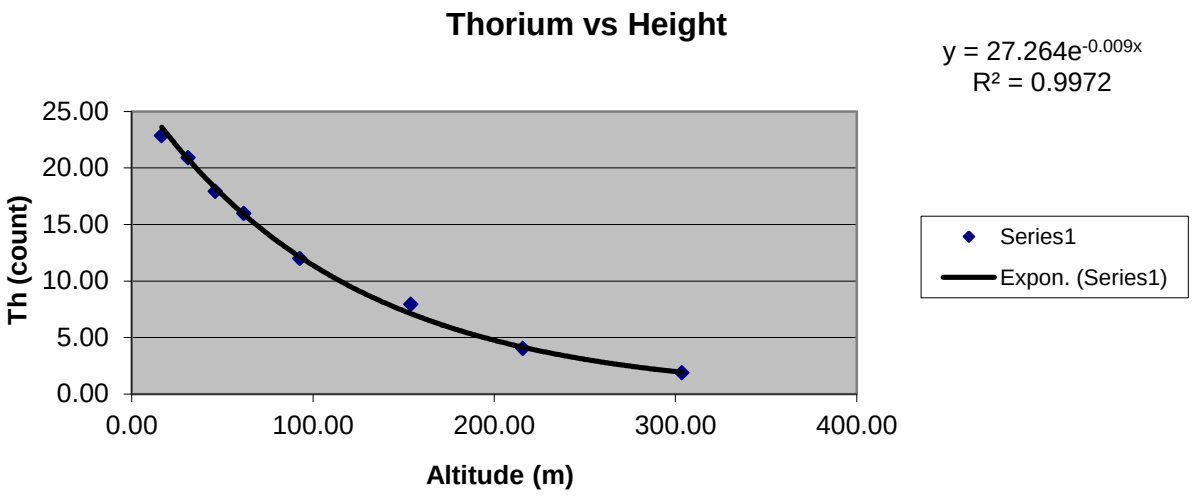

TC vs Cosmic
y = 1.1587x + 65.06
R² = 0.998
TC counts
Cosmic counts
Series1
Linear (Series1)

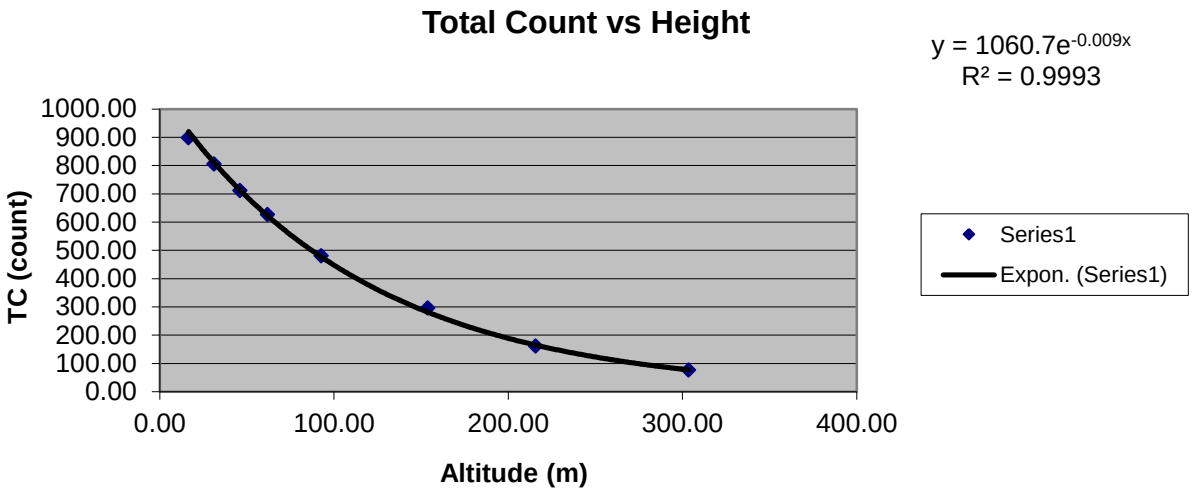

UU vs Cosmic
y = 0.0168x + 0.0828
R² = 0.911
UU counts
Cosmic counts
Series1
Linear (Series1)

Altitude Attenuation Test



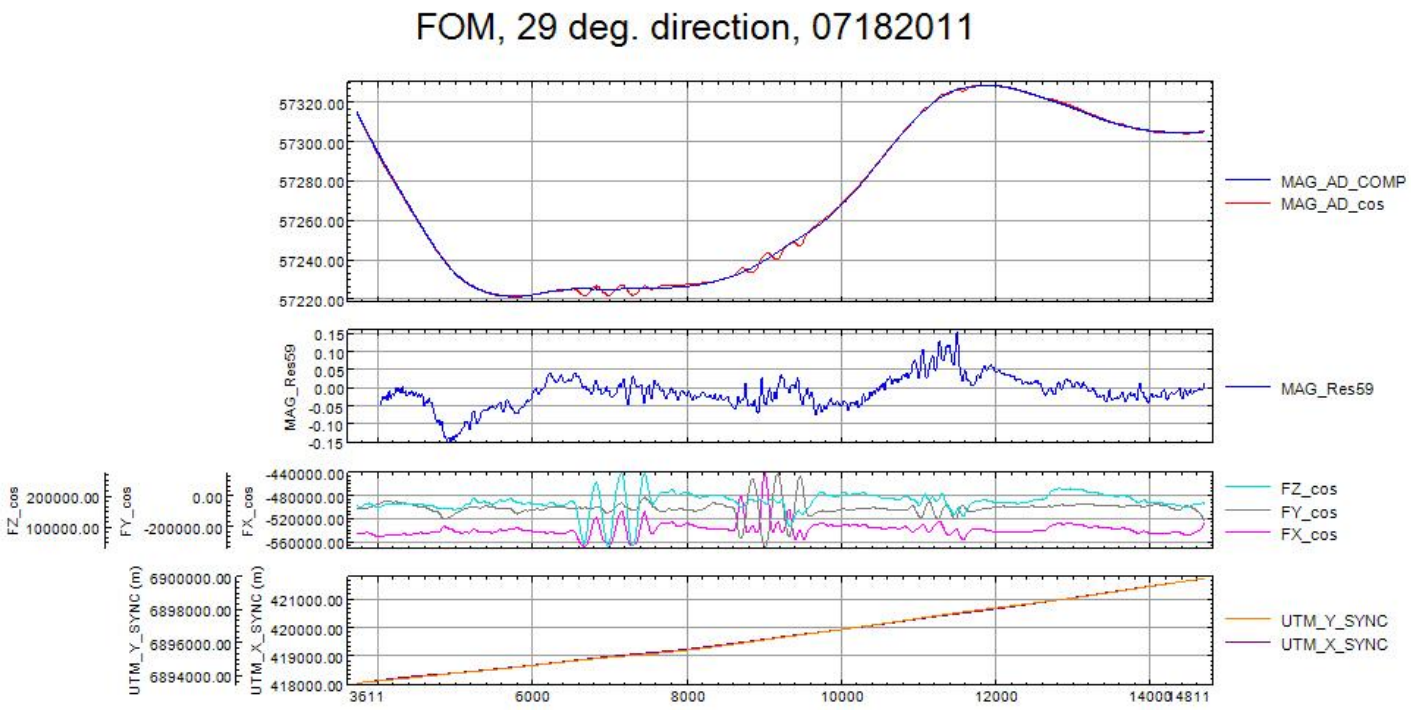



Thorium vs Height
y = 27.264e-0.009x
R² = 0.9972
Th (count)
25.00
20.00
15.00
10.00
5.00
0.00
0.00
100.00
200.00
300.00
400.00
Altitude (m)
Series1
Expon. (Series1)

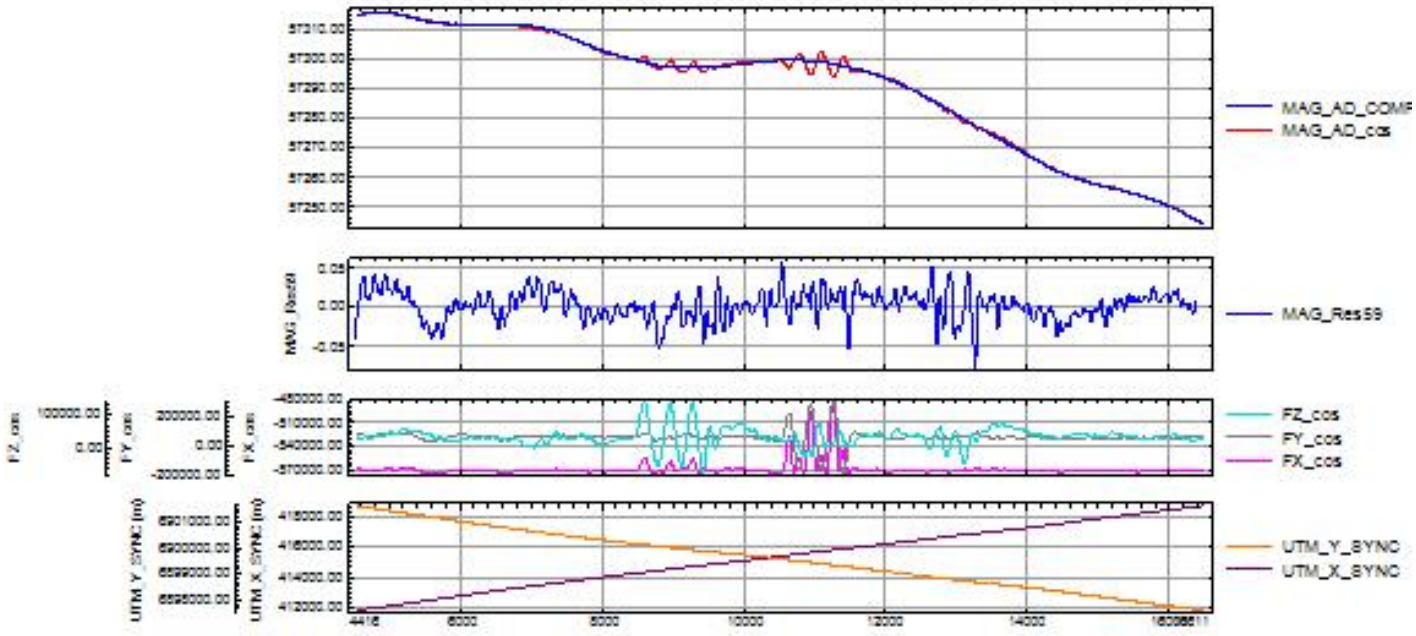

Total Count vs Height
y = 1060.7e-0.009x
R² = 0.9993
TC (count)
1000.00
900.00
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
0.00
100.00
200.00
300.00
400.00
Altitude (m)
Series1
Expon. (Series1)

APPENDIX B: FOM RESULTS

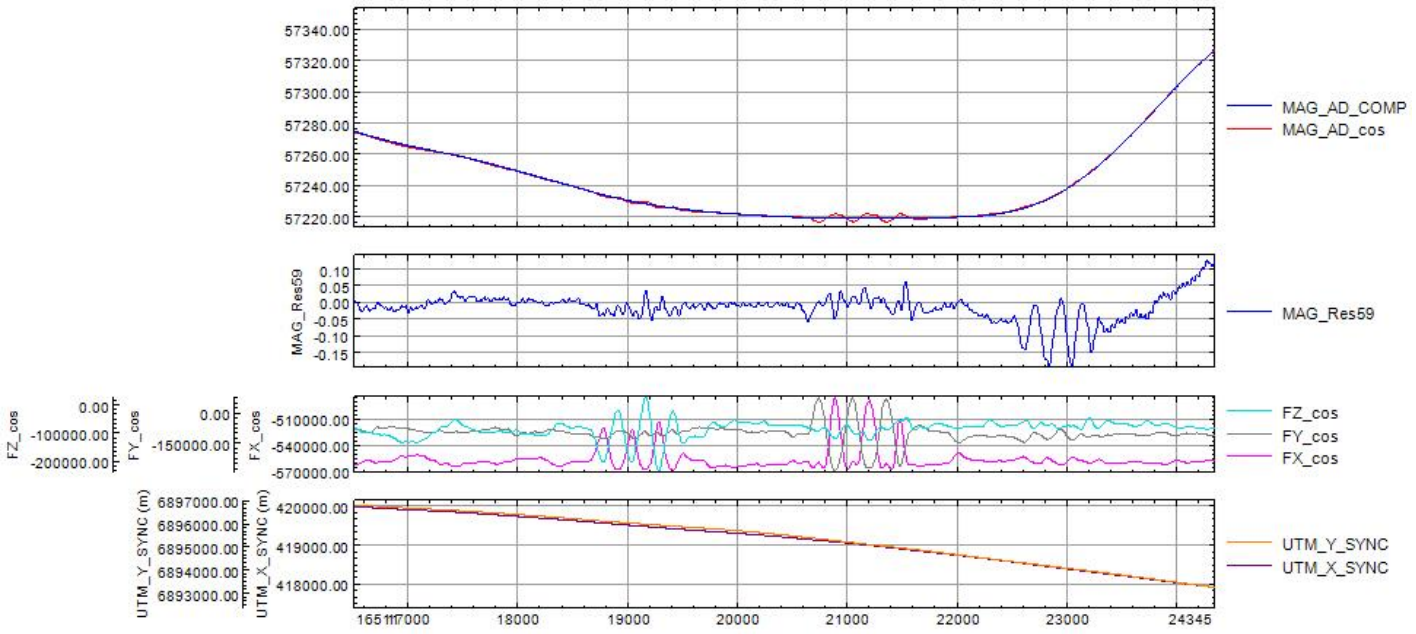
FOM July 18, 2011					
line	**direction**	**pitch**	**roll**	**yaw**	**total**
10	**229**	0.13	0.13	0.10	0.35
11	**119**	0.08	0.08	0.13	0.28
21	**209**	0.09	0.11	0.20	0.40
22	**29**	0.08	0.08	0.08	0.23
	total	0.37	0.39	0.50	**1.25**



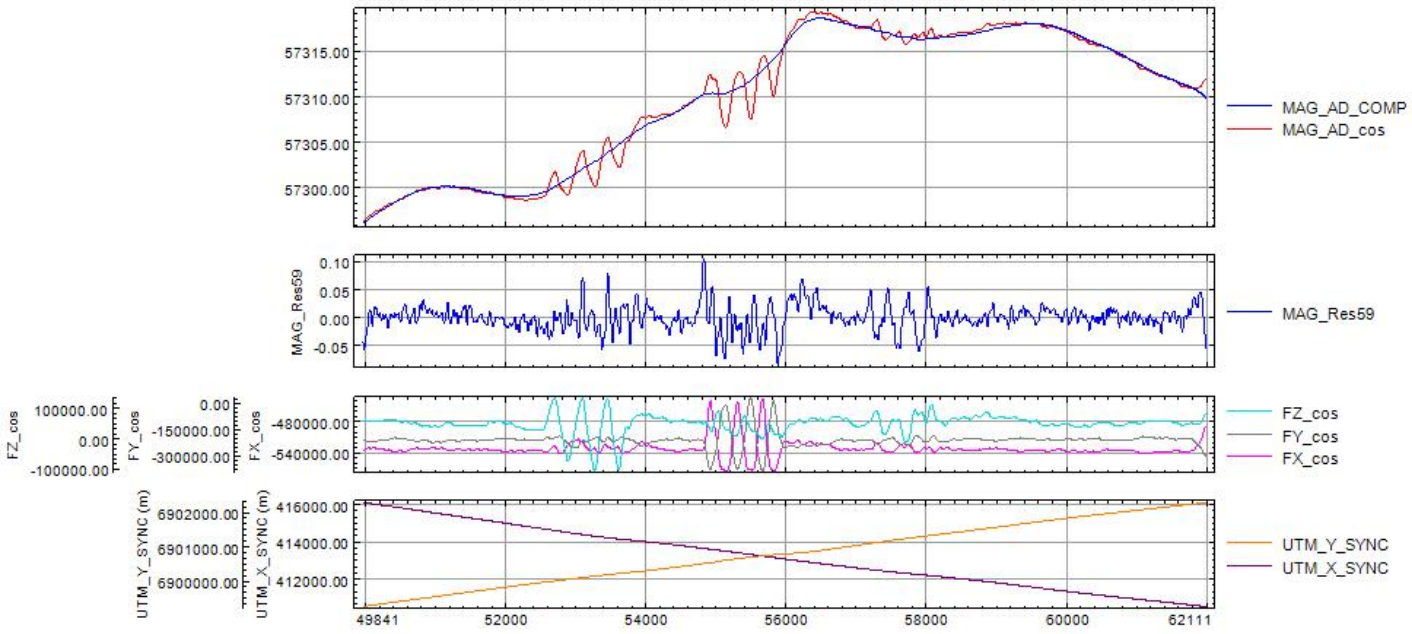
FOM, 119 deg. direction, 07182011



FOM, 209 deg. direction, 07182011



FOM, 299 deg. direction, 07182011



APPENDIX C: DATABASE DESCRIPTIONS

Magnetic Database for Klaza Extension Block

Database Name: MAGNETIC_KLAZA_EXT_BK.gdb
Format: Geosoft .gdb
Number of Channels: 28

Note: If the database is opened in Oasis montaj, please load included "*Magnetic Database Channel Display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line number
DATE	date	Date flown (YYMMDD)
FLIGHT	number	Flight number
FIDUCIAL	number	Fiducial count (flight specific)
SYSTEM_CLOCK	milsec	KANA8 (A/D converter) counter
UTM_X_NAD83	meters	NAD83 easting, North America, UTM Zone 8N
UTM_Y_NAD83	meters	NAD83 northing, North America, UTM Zone 8N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	decimal seconds	UTC daily second counter (0-86399)
FLUX_X	volts	Fluxgate x-axis
FLUX_Y	volts	Fluxgate y-axis
FLUX_Z	volts	Fluxgate z-axis
RAD_ALT_feet	feet	Radar altimeter, height above ground
MAG_RAW	nT	Raw magnetometer data
MAG_FILT	nT	Filtered raw magnetometer data
MAG_COMP	nT	Compensated magnetometer data
DIURNAL	nT	Base station magnetometer data
MAG_DIURNAL_CORR	nT	Base station (diurnal) corrected magnetometer data
MAG_HEADING_CORR	nT	Heading corrected magnetometer data
MAG_LAG_CORR	nT	Lag corrected magnetometer data
IGRF	nT	Calculated IGRF, using 2010 model
MAG_IGRF_CORR	nT	IGRF corrected magnetometer data
MAG_SMPL_LVL	nT	Conventionally (simple) leveled magnetometer data
TMI_FINAL	nT	Microleveled MAG_SMPL_LVL data
VDV	nT/m	1st order Vertical Derivative (VDV)
DTM	m	Digital Terrain Model

Radiometric Database for Klaza Extension Block

Database Name: RADIOMETRIC_KLAZA_EXT_BK.gdb
Format: Geosoft .gdb
Number of Channels: 35

Note: If the database is opened in Oasis montaj, please load included "*Radiometric Database Channel Display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line Number
FLIGHT	number	Flight Number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (line specific)
UTM_X_NAD83	meters	NAD83 easting, North America, UTM Zone 8N
UTM_Y_NAD83	meters	NAD83 northing, North America, UTM Zone 8N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	seconds	UTC daily second counter (0-86399)
RAD_ALT_feet	feet	Radar altimeter, height above ground
PRESSURE	mbar	Ambient pressure output
TEMPERATURE	degrees C	Ambient temperature output
DOWN_LIVE_TIME	seconds	Live time channel
RAW_Potassium	counts/sec	Raw Potassium channel
RAW_Thorium	counts/sec	Raw Thorium channel
RAW_Uranium	counts/sec	Raw Uranium channel
RAW_TotCount	counts/sec	Raw Total Count channel
RAW_UpDet	counts/sec	Raw upward looking crystal Uranium channel
DOWN_COSMIC	counts/sec	Raw Cosmic channel from downward looking crystals
DOWN_SPECTRUM	counts/sec	1024 channel down spectrum
UP_SPECTRUM	counts/sec	1024 channel up spectrum
EQUIVALENT_HEIGHT_m	meters	Equivalent height above ground at STP
K_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Potassium counts
Th_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Thorium counts
U_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Uranium counts
TC_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Total Count counts
K_FINAL	counts/sec	Final Potassium counts; microleveled K_CORR

Th_FINAL	counts/sec	Final Thorium counts; microleveled Th_CORR
U_FINAL	counts/sec	Final Uranium counts; microleveled U_CORR
TC_FINAL	counts/sec	Final Total Count counts; microleveled TC_CORR
K_Percent	%	Estimated concentrations of Potassium
eTh	ppm	Estimated equivalent concentrations of Thorium
eU	ppm	Estimated equivalent concentrations of Uranium
E	nGy/h	Natural air absorption Dose Rate

APPENDIX D: RSX-5 SPECTROMETER (SN 5516): DAILY RESOLUTION TESTS RESULTS

Executed 2011-07-13 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2004	2003	2010	2004	8019
LiveTime [s]	146.88	164.859	162.891	138.862	421.772	613.492
Gain	0.969482	0.986928	0.978896	0.94458	1.119781	-
Peak	870.53 (+/- 0.633)	872.28 (+/- 0.530)	870.54 (+/- 0.586)	869.45 (+/- 0.609)	868.92 (+/- 1.149)	870.94 (+/- 0.286)
FWHM	4.73 (+/- 1.761)	4.12 (+/- 1.390)	4.94 (+/- 1.503)	4.86 (+/- 1.631)	6.99 (+/- 3.371)	4.53 (+/- 0.755)

Executed 2011-07-13 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2005	2009	2006	2004	8021
LiveTime [s]	141.873	160.863	167.882	136.866	413.773	607.485
Gain	0.990274	1.01062	1.00541	0.969899	1.150168	-
Peak	873.00 (+/- 0.528)	872.92 (+/- 0.519)	871.69 (+/- 0.504)	872.00 (+/- 0.686)	869.83 (+/- 1.169)	872.49 (+/- 0.243)
FWHM	4.74 (+/- 1.408)	4.40 (+/- 1.387)	4.22 (+/- 1.365)	5.42 (+/- 1.802)	5.45 (+/- 3.821)	4.51 (+/- 0.618)

Executed 2011-07-14 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2012	2012	2005	2009	2006	8038
LiveTime [s]	146.872	168.862	165.886	139.874	451.753	621.495
Gain	1900-01-00	0.989696	0.974921	0.948716	1.125017	-
Peak	871.69 (+/- 0.697)	871.23 (+/- 0.523)	870.61 (+/- 0.561)	871.47 (+/- 0.608)	870.97 (+/- 1.420)	871.43 (+/- 0.262)
FWHM	4.43 (+/- 1.922)	4.61 (+/- 1.328)	4.32 (+/- 1.473)	5.17 (+/- 1.589)	7.87 (+/- 4.428)	4.57 (+/- 0.665)

Executed 2011-07-14 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	1905-07-02	2006	2001	2013	2002	8030
LiveTime [s]	150.858	162.856	167.881	143.866	403.781	625.461
Gain	1.003892	1.025439	1.013167	0.983445	1.167202	-
Peak	871.66 (+/- 0.700)	871.59 (+/- 0.549)	871.48 (+/- 0.585)	871.66 (+/- 0.649)	873.25 (+/- 1.187)	871.75 (+/- 0.317)

FWHM	4.43 (+/- 1.848)	4.12 (+/- 1.449)	4.41 (+/- 1.594)	5.07 (+/- 1.692)	6.20 (+/- 3.762)	4.42 (+/- 0.828)

Executed 2011-07-15 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2003	2015	2019	2002	8046
LiveTime [s]	155.861	163.867	162.881	146.863	389.77	629.471
Gain	0.974606	0.994804	0.976137	0.948134	1.137513	-
Peak	871.96 (+/- 0.566)	870.54 (+/- 0.506)	869.91 (+/- 0.689)	869.36 (+/- 0.625)	870.73 (+/- 1.115)	870.68 (+/- 0.278)
FWHM	4.65 (+/- 1.478)	4.07 (+/- 1.314)	4.89 (+/- 1.807)	5.03 (+/- 1.580)	5.45 (+/- 3.524)	4.56 (+/- 0.709)

Executed 2011-07-15 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2007	2014	2012	2002	8034
LiveTime [s]	146.87	157.864	169.877	142.863	406.758	617.474
Gain	1.010765	1.035621	1.015185	0.988438	1.177745	-
Peak	871.87 (+/- 0.525)	871.00 (+/- 0.591)	870.56 (+/- 0.620)	870.76 (+/- 0.716)	871.21 (+/- 1.094)	871.29 (+/- 0.293)
FWHM	4.90 (+/- 1.384)	4.26 (+/- 1.595)	4.45 (+/- 1.676)	5.48 (+/- 1.976)	6.84 (+/- 3.135)	4.68 (+/- 0.769)

Executed 2011-07-16 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2002	2007	2008	2008	8019
LiveTime [s]	144.865	161.858	156.885	145.865	410.767	609.474
Gain	1.015347	1.040305	1.02567	0.995223	1.1941	-
Peak	871.66 (+/- 0.575)	871.36 (+/- 0.567)	869.77 (+/- 0.514)	871.00 (+/- 0.683)	871.87 (+/- 1.093)	871.36 (+/- 0.328)
FWHM	4.52 (+/- 1.534)	4.68 (+/- 1.535)	3.96 (+/- 1.357)	5.18 (+/- 1.851)	6.55 (+/- 3.182)	4.60 (+/- 0.853)

Executed 2011-07-16 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2005	2004	2001	2004	8013
LiveTime [s]	141.872	159.863	163.887	145.869	426.761	611.491
Gain	1.012286	1.035618	1.024112	0.991209	1.193651	-

Peak	871.42 (+/- 0.624)	872.22 (+/- 0.556)	871.52 (+/- 0.465)	869.98 (+/- 0.729)	874.19 (+/- 1.177)	871.58 (+/- 0.273)
FWHM	4.78 (+/- 1.662)	4.51 (+/- 1.490)	4.68 (+/- 1.246)	5.46 (+/- 2.028)	6.11 (+/- 3.543)	4.74 (+/- 0.721)

Executed 2011-07-17 RSI System Test Report RSX-5 SN5516_1.csv

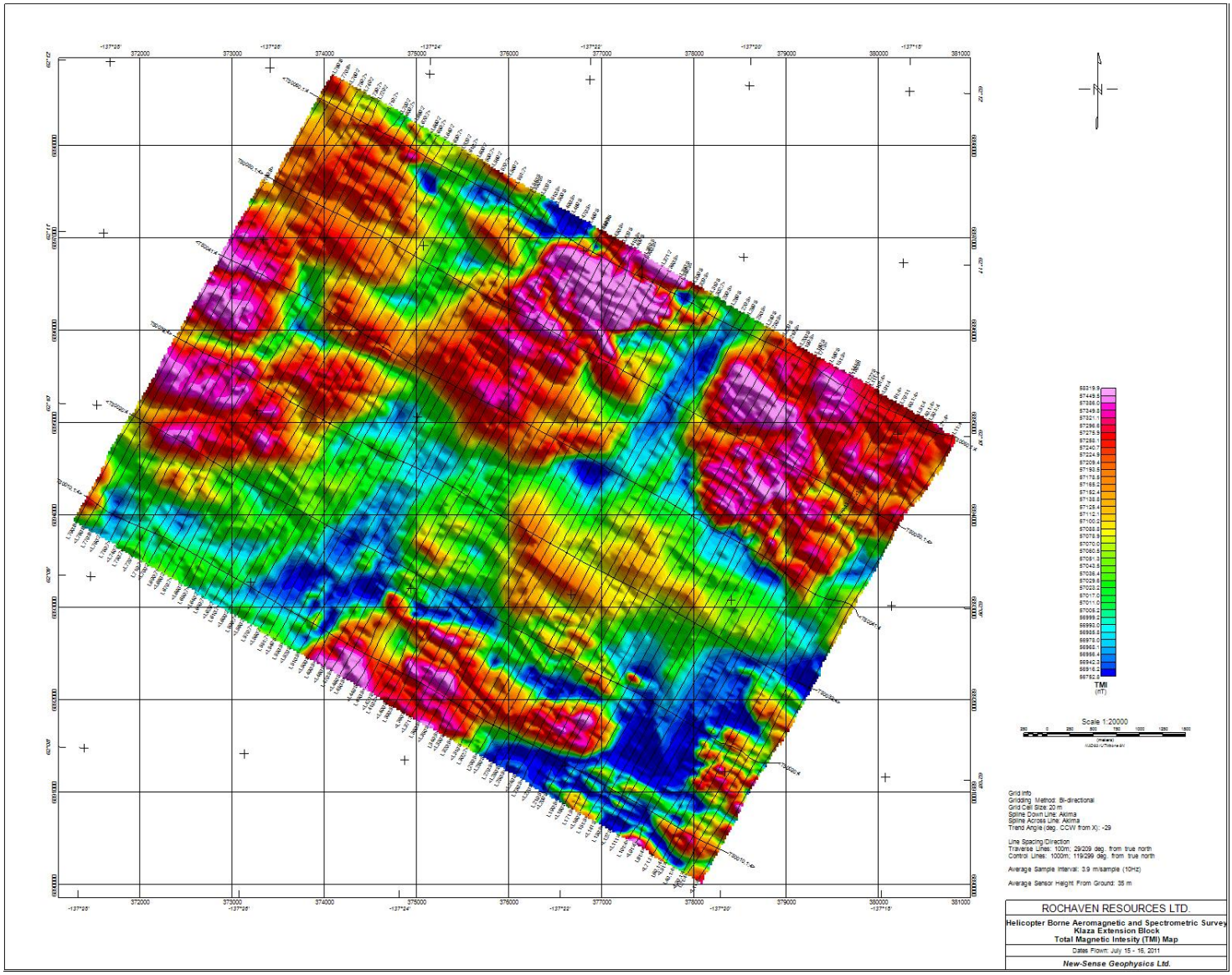
Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2011	2005	2003	2007	2002	8026
LiveTime [s]	151.868	160.867	165.885	146.861	406.772	625.481
Gain	0.987332	1.009434	0.989901	0.964836	1.162557	-
Peak	871.70 (+/- 0.605)	871.66 (+/- 0.538)	869.74 (+/- 0.490)	871.15 (+/- 0.639)	872.10 (+/- 1.047)	871.09 (+/- 0.312)
FWHM	4.45 (+/- 1.675)	4.36 (+/- 1.411)	4.58 (+/- 1.275)	4.74 (+/- 1.665)	6.21 (+/- 2.924)	4.47 (+/- 0.800)

Executed 2011-07-18 RSI System Test Report RSX-5 SN5516_3.csv

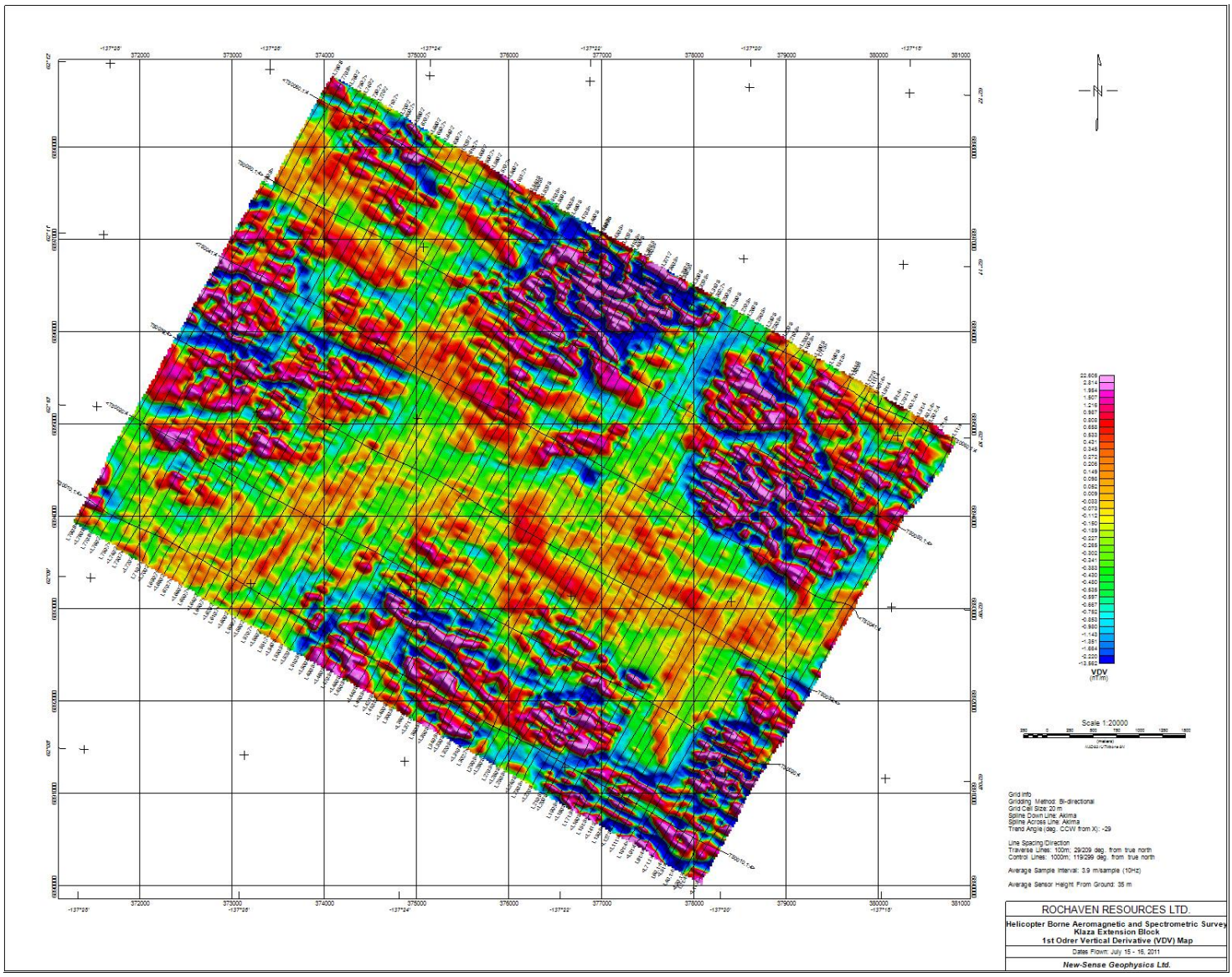
Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2001	2005	2004	2002	8011
LiveTime [s]	295.811	337.806	346.831	307.8	702.672	1288.248
Gain	1.010211	1.034742	1.020914	0.990377	1.196657	-
Peak	871.74 (+/- 0.717)	872.38 (+/- 0.575)	868.78 (+/- 0.748)	870.61 (+/- 0.741)	869.79 (+/- 0.974)	871.33 (+/- 0.325)
FWHM	4.94 (+/- 1.928)	4.26 (+/- 1.548)	4.55 (+/- 2.041)	5.31 (+/- 2.052)	5.68 (+/- 3.067)	4.56 (+/- 0.847)

APPENDIX E: IMAGES OF FINAL MAPS

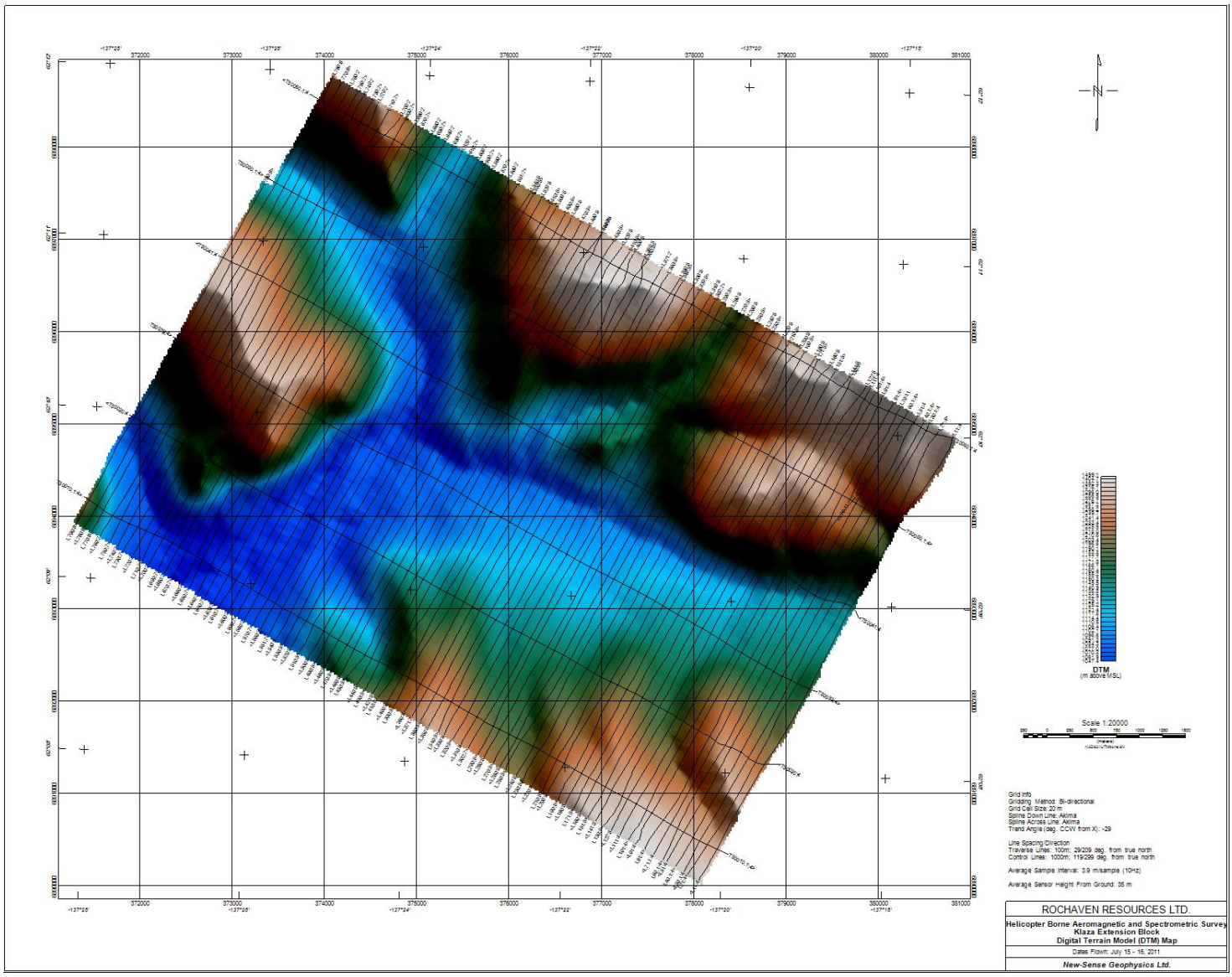
Klaza Extension Block Image of TMI FINAL Map



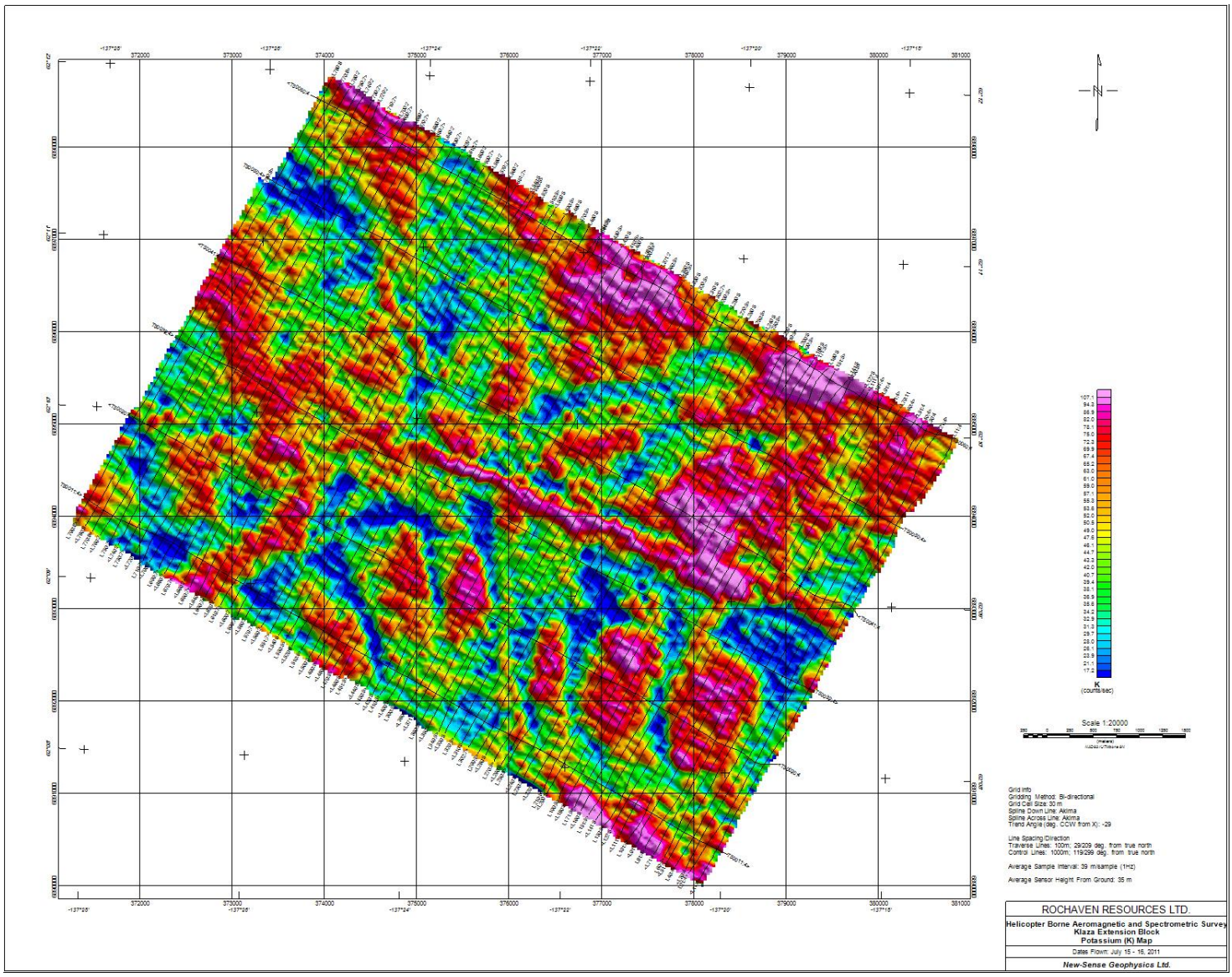
Klaza Extension Block Image of VDV Map



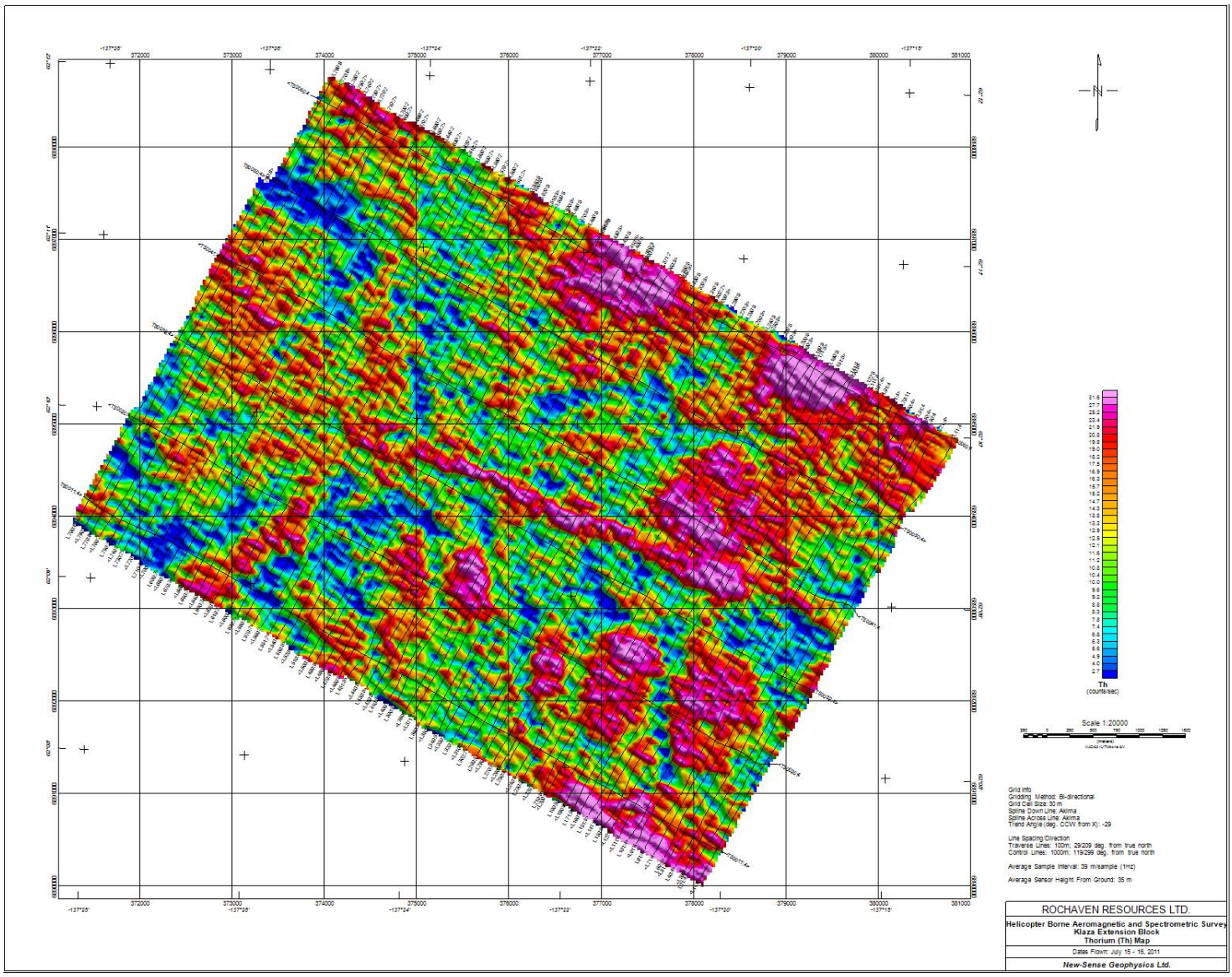
Klaza Extension Block Image of DTM Map



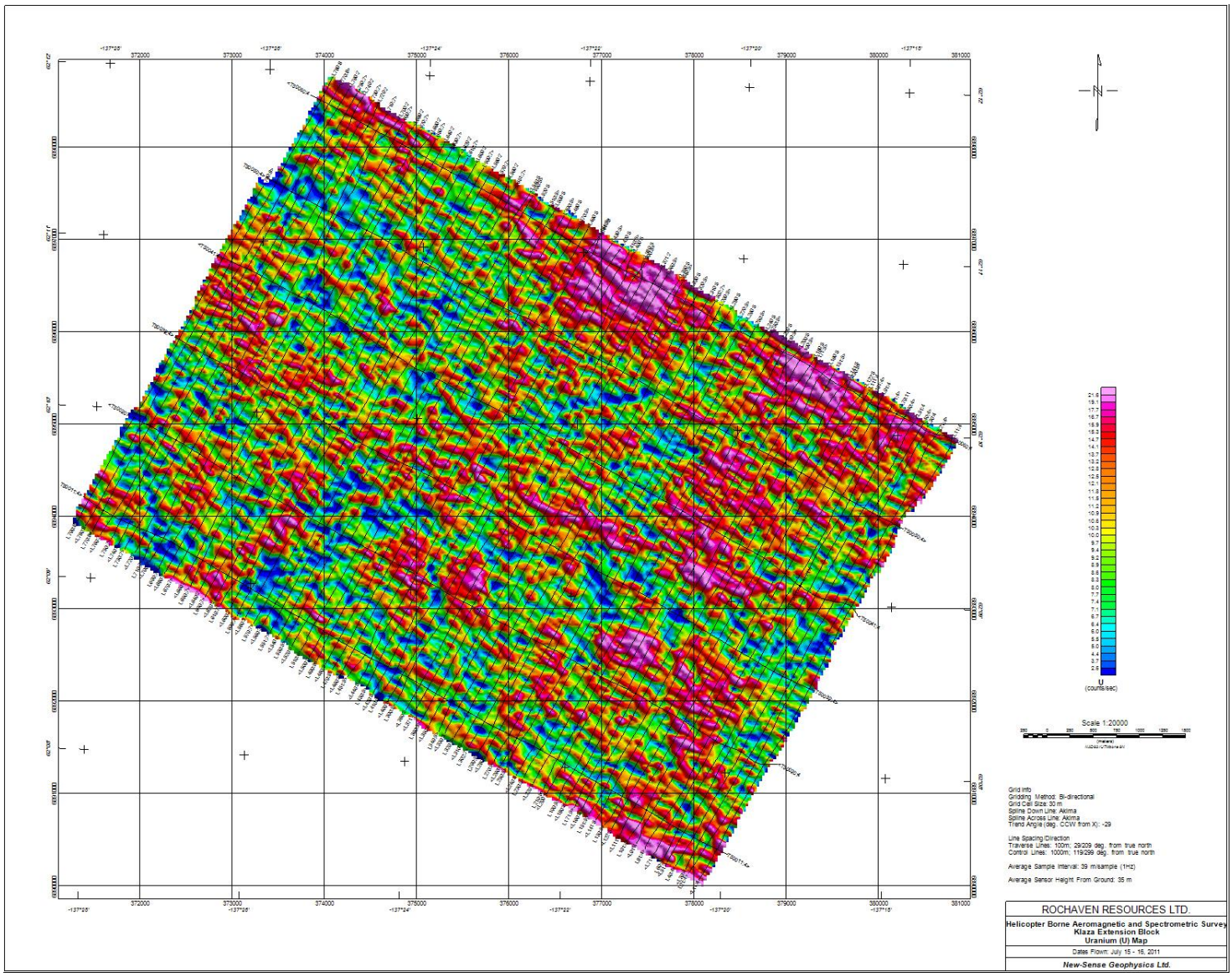
Klaza Extension Block Image of Potassium Map



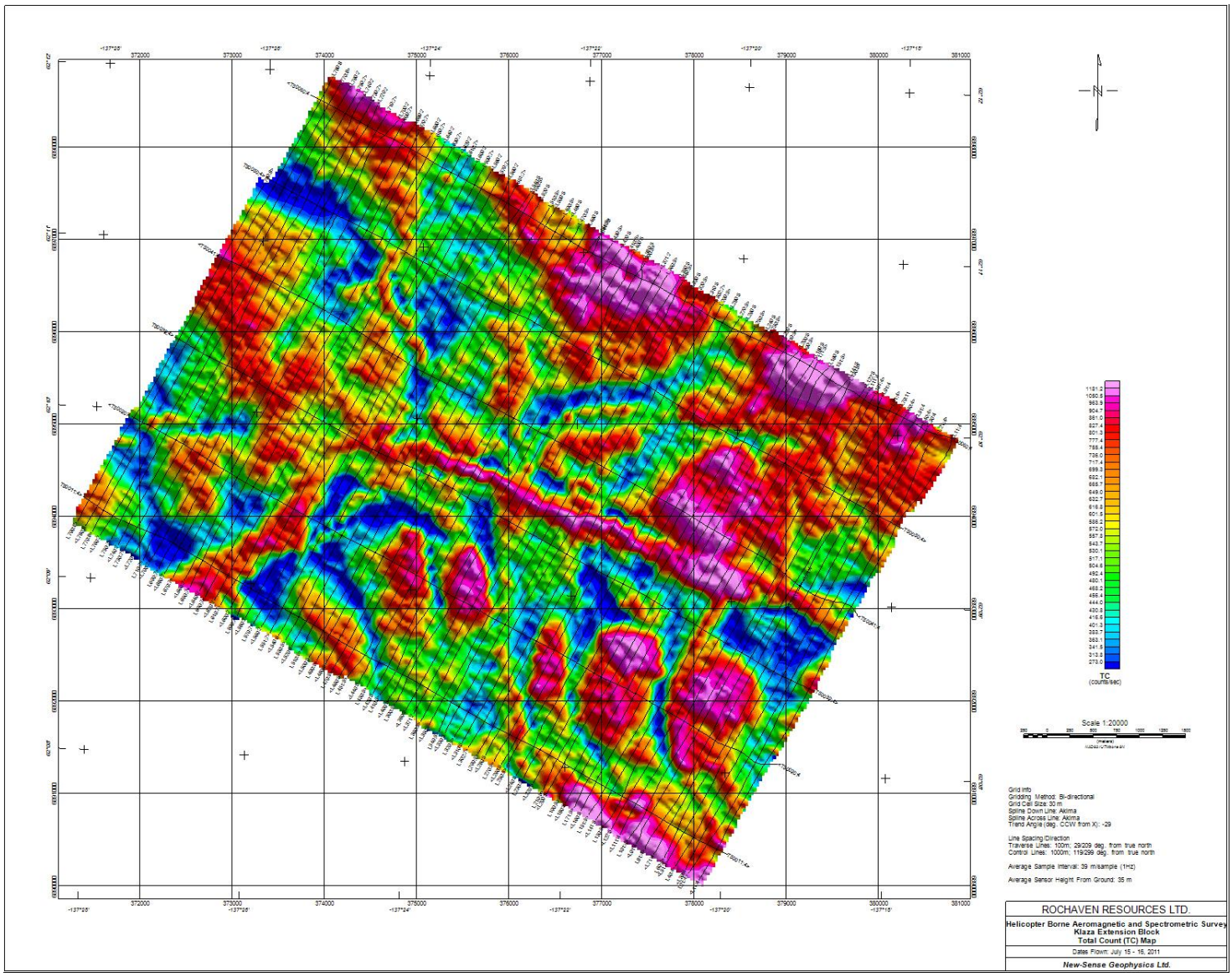
Klaza Extension Block Image of Thorium Map



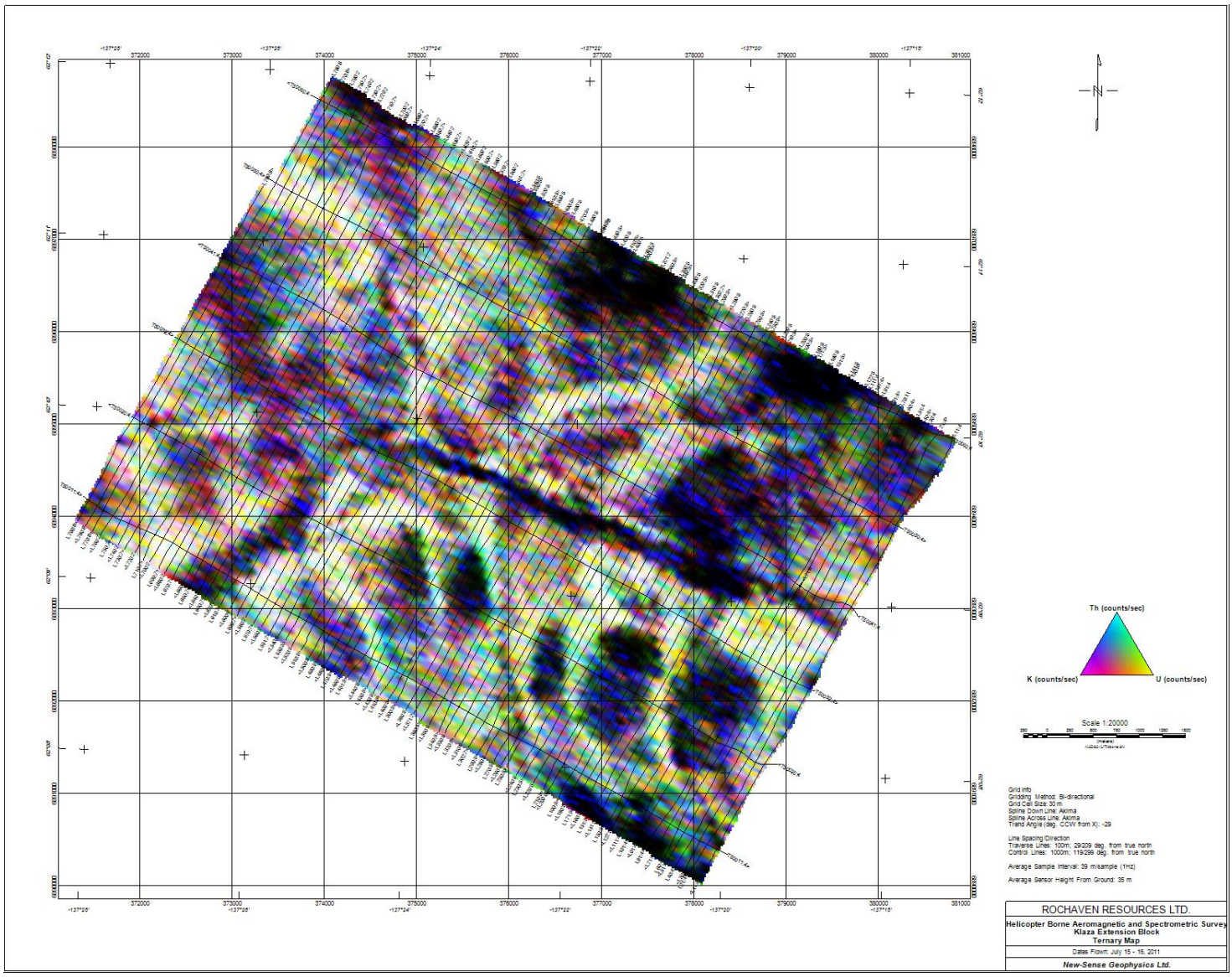
Klaza Extension Block Image of Uranium Map



Klaza Extension Block Image of Total Count Map



Klaza Extension Block Image of Ternary Map



APPENDIX F: MICROLEVELLING DESCRIPTION

As per PGW Microlevelling GX help file available through Geosoft Oasis montaj 7.2

DECORR.GX Version 3.0
Paterson, Grant & Watson Limited
March 2003

PARAMETERS: (miclev group parameters are used, so that values set will be passed to MICLEV.GX)

```
   miclev.Xchan = x channel (default "x")
         .Ychan = y channel (default "y")
         .Ochan = original data channel (no default)
         .Nchan = decorrugation noise channel (default "dcor_noise")
         .Space = flight line spacing
         .Dir   = flight line direction in degrees azimuth (clockwise
                  from North)
         .Cell  = cell size to use for gridding (default = line spacing/5)
         .Wlen  = decorrugation high-pass wavelength (default = 4 * line
                  spacing)
         .Ogrid = original output grid, new or existing
         .Nnoise= decorrugation noise grid
         .XY    = Xmin,Ymin,Xmax,Ymax            (optional)
         .LOGOPT= Log option                     (optional)
         .LOGMIN= Log minimum                    (optional)
         .DSF   = Low-pass desampling factor     (optional)
         .BKD   = Blanking distance              (optional)
         .TOL   = Tolerance                      (optional)
         .PASTOL= % pass tolerance               (optional)
         .ITRMAX= Max. iterations                (optional)
         .ICGR  = Starting coarse grid           (optional)
         .SRD   = Starting search radius         (optional)
         .TENS  = Internal tension (0-1)         (optional)
         .EDGCLP= Cells to extend beyond data    (optional)
```

DESCRIPTION:

decorr.gx and miclev.gx implement a procedure called micro-levelling which removes any low-amplitude component of flight line noise still remaining in airborne survey data after tie line levelling. Micro-levelling calculates a correction channel and adds it to the profile database. This correction is subtracted from the original data to give a set of levelled profiles, from which a final levelled grid may then be generated. Microlevelling has the advantage over standard methods of decorrugation that it better distinguishes flight line noise from geological signal, and thus can remove the noise without causing a loss in resolution of the data.

To microlevel data, first run decorr.gx, then miclev.gx. decorr.gx offers two options for the grid of the channel to be microlevelled. If a grid prepared from this channel already exists, it may be specified, and when prompted to overwrite, the user should answer no. If the user wishes to prepare a new grid of the channel to be microlevelled, the

minimum curvature gridding algorithm (rangrid.gx) is applied. The advanced button provides access to the standard minimum curvature gridding parameters. Once the gridding is completed, decorr.gx applies a directional high-pass filter (see end note) perpendicular to the flight line direction, in order to produce a decorrugation noise grid. (The default grid cell size is 1/5 of the line spacing. The user may specify a different cell size if desired. A smaller cell size will give a more accurate result, but a larger cell size will make the gx run faster and use less disk space.) The noise grid is then extracted as a new channel in the database (default name is "dcor_noise"). This channel contains the line level drift component of the data, but it also contains some residual high-frequency components of the geological signal. miclev.gx applies amplitude limiting and low-pass filtering to the noise channel in order to remove this residual geological signal and leave only the component of line level drift, which is then subtracted from the original data to produce a levelled output channel named "miclev".

decorr.gx calculates default amplitude limit and filter length values for use in miclev.gx, but the skilled user may be able to set better values for these parameters based on an inspection of the noise grid. (The micro-levelling process is broken up into two separate GXes in order to allow the user to do this.) Flight line noise should appear in the decorrugation noise grid as long stripes in the flight-line direction, wheras geological anomalies should appear as small spots and cross-cutting lineaments, generally with a higher amplitude than the flight line noise, but with a shorter wavelength in the flight-line direction. The user can estimate the maximum amplitude of the flight line noise, and set the noise amplitude limit value accordingly. Similarly the user can estimate the minimum wavelength of the level drift along the flight lines, and set the low-pass Naudy filter width to half this wavelength. The defaults are to set the amplitude limit equal to the standard deviation of the noise grid, and to set the filter width equal to five times the flight line spacing.

There is an option of using either of two kinds of amplitude limiting. In "clip" mode any value outside the limit is set equal to the limit value. In "zero" mode any value outside the limit is set equal to zero. The clip mode makes more sense intuitively, but it has been found in practise that the zero mode may reject geologic signal better, depending on the particular data set. As a rule the zero mode works better on datasets in which the noise grid contains a lot of high-amplitude geological signals (e.g. shallow basement areas). For datasets in which the noise grid contains mainly flight line noise (e.g. sedimentary basins), the clip mode works better.

Microlevelling applies a level correction to the traverse lines only. If it is desired to grid the tie lines together with the micro-levelled traverse lines, then it may be necessary to also apply a level correction to the tie lines so that their values agree with the micro-levelled traverse lines at the intersections. This may be done as follows:

1) Copy the tie line values to the microlevelled channel.

2) Use intersct.gx to find cross-difference values for the microlevelled data.

3) Use xlevel.gx to load these cross-difference values to the tie lines.

4) Apply fulllev.gx to the tie lines. The output will be a set of tie

lines that matches the microlevelled traverse lines at all intersections.

5) Copy the microlevelled traverse line values into the same channel as the corrected tie line values.

Decorrugation Filter:

The decorrugation noise filter is a sixth-order high-pass Butterworth filter with a default cutoff wavelength of four times the flight line spacing, combined with a directional filter. The directional filter coefficient as a function of angle is F=(sin(a))^2, where a is the angle between the direction of propagation of a wave and the flight line direction,i.e. F=0 for a wave travelling along the flight lines, and F=1 for a wave travelling perpendicular to them. (Note this is the exact opposite of what is usually called a decorrugation filter, since the intention here is to pass the noise only, rather than reject it.)

The default cutoff wavelength (4 * line spacing) gives good results if the data is already fairly well levelled to start with. In cases where many lines are badly mis-levelled, it may be necessary to set a longer cutoff wavelength, at the risk of removing more geological signal.

APPENDIX G: COPY OF THE CONTRACT

New-Sense
Geophysics Limited

CONTRACT
FOR
A HELICOPTERBORNE AEROMAGNETIC AND SPECTROMETRIC SURVEY FOR ROCKHAVEN RESOURCES LTD. OVER KLAZA EXTENSION BLOCK, YUKON, CANADA.

NEW-SENSE GEOPHYSICS LTD. ("NSG"), with its corporate offices at

195 Clayton Drive, Unit 11
Markham, ON, Canada
L3R 7P3

Telephone: (905) 480-1107/ (905) 480-9989
Fax: (905) 480-1207

Offers to carry out airborne geophysical services on behalf of

ROCKHAVEN RESOURCES LTD. ("Client"), with its offices at:

1016-510 West Hastings st.
Vancouver, BC, Canada
V6B 1L8

Telephone: (604) 688-2568
Fax: (604) 687-2582

Contact: Matthew Turner, CEO
Email: mturner@archercathro.com

in accordance with the following description, terms and conditions.

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1. COMPANY DESCRIPTION

New-Sense Geophysics (NSG) traces its history through its current founder and president Dr. W.E.S. (Ted) Urquhart. First as Urquhart-Dvorak, which specialized in processing airborne geophysical data, to High-Sense Geophysics, which became one of the largest airborne survey companies in the world, until it was purchased by Fugro of Holland in 2000, and then to Geoexplo Limitada., which specialized in airborne geophysical consulting and quality control. This sequence spans over 30 years and leads us to NSG, continuing on in the tradition of airborne survey innovation and quality airborne data acquisition.

NSG has established its HQ office in Markham, Ontario where it operates out of a new purpose-designed and constructed 3000 square foot facility. Here it designs and manufactures its own operator-less systems made 'field-bullet-proof' by engineer Glenn Slover.

The facility itself is more advanced than what may be found in leading high tech companies anywhere. It is completely wired for production with any processing station able to share information on the internal network and processors and field people in direct voice and data communication anywhere in the world. Highly secure firewall features prevent unauthorized access and fail-safe systems prevent any potential data loss through accident, intent or act of God. Clients with authorization can view the progress of their survey on a 24/7 basis.

The company has five data processing workstations with capacity to expand to twice that. A large inventory of systems and components provides for rapid remediation of field problems with the hardware should any occur. All this equipment is rigorously tested, using the built-in network and permanently installed sensors including GPS antenna signals available to each workbench.

The company works world-wide and presently has a second office of operation in Santiago Chile where equipment is maintained and processing takes place.

The company and its personnel through its many years in airborne surveying, airborne software and hardware development, and airborne survey data processing, has dealt with literally millions of kilometres of airborne data acquired in perhaps 80 countries. NSG itself has flown, processed and interpreted more than three quarters of a million line kilometres since 2005. These have been for multi-national companies (like Rio Tinto, Barrick, Teck, and BHP), to junior mining exploration companies, to governments. All have received their data on time and to their satisfaction. And in all of its history dating back 30 years, the companies owned and run by Dr. Urquhart, who developed the concept and practice of operatorless surveying, have not had a single accident …a perfect safety record.

2. SURVEY AREA

A helicopter borne magnetic and spectrometric survey is to be carried out on the Client's project area known as Klaza Extension block located approximately 50Km west of Carmacks, Yukon, Canada.

The block is to be flown from Carmacks with refueling in between the flights at Klaza camp. See Tables 2.1 and Figure 2.1 below.

Table 2.1 Klaza Extension block outline coordinates

UTM Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
374057	6898775	374057	6898775
380842	6894860	380842	6894860
378147	6889992	378147	6889992
371362	6893942	371362	6893942
374046	6898810	374046	6898810

Note: the survey will be flown in WGS84, World, UTM Zone 8N and delivered to the client in NAD83, North America, UTM Zone 8N.

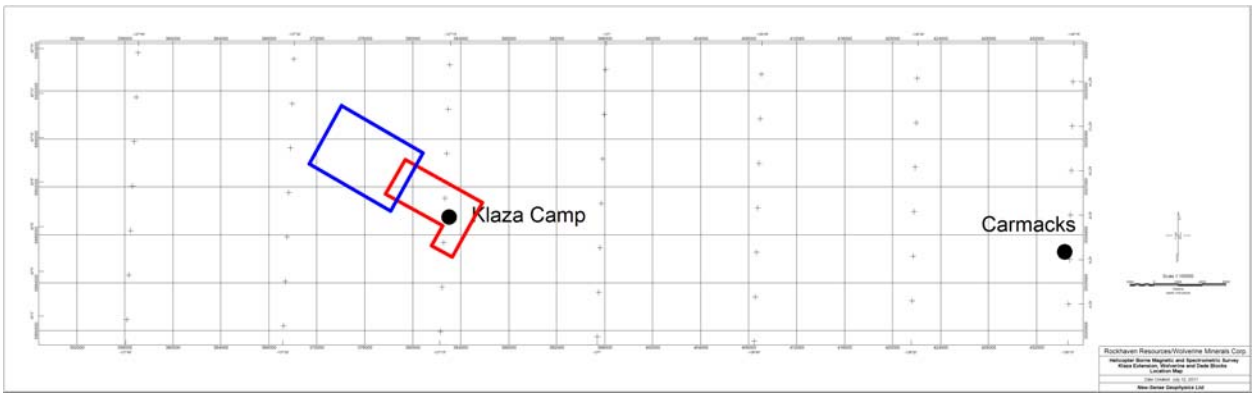


Figure 2.1 Map depicting outlines of the Klaza Extension block (blue) and Klaza block (red) that was flown in 2010. Coordinate system, WGS84, World, UTM Z8N. UTM grid cell size 4km.

3. TECHNICAL SPECIFICATIONS FOR AIRBORNE SURVEY

3.1 Traverse and Control Lines Statistics

Traverse Line Direction:	29/209 degrees from true North
Traverse Line Interval:	100m
Control Line Direction:	119/299 degrees from true North
Control Line Interval:	1000 m
Estimated Line KM:	420 L/KM (Traverse)
	45 L/KM (Control)
	465 L/KM (Total)
Mean Terrain Clearance:	35m* nominal
Sampling Interval:	Magnetics 50 Hz/10Hz; Radiometric 1 Hz second
Minimum Line Length:	2 Km

*Note: The 35 meter flight height will be subject to an on-sight safety audit. In any event, the flight height will be subject to pilot safety concerns.

Actual number of survey line kilometers will be those flown and delivered that fall inside the survey boundaries as listed above.

3.2 Tolerances

3.2.1 Traverse line separation

The pilot will fly to the best of his ability to stay within no more the 50% on either side of the theoretical flight path for a distance of 1000 meters unless obstructions or topography require greater deviations for reasons of safety.

There will be no crossing flight lines unless physical obstructions or topography require such deviation for reasons of safety. Such instances will be communicated and discussed with the client representative in writing.

However, if flight-line path deviations are the result of safety concerns, local aviation authority regulations, or military requirements, NSG will not be required to fly fill-in lines.

3.2.2 Control line spacing

Control lines will be surveyed at an average interval as specified, but may be located to avoid, where possible, areas of strong magnetic gradient.

3.2.3 Flight Height

The terrain clearance will be maintained at the planned altitude of 35 meters, subject to topography constrains, safety requirements, local aviation authority regulations, and/or military requirements.

3.2.4 Missing or Substandard Data

Data will be recorded digitally in the aircraft and at the ground station. Isolated errors, spikes, and short non-sequential gaps consisting of a few points, will be corrected by interpolation.

3.2.5 GPS

GPS will be used for navigation.

3.2.6 Diurnal

Magnetic diurnal activity will be monitored at the base station. If the magnetic activity exceeds 20 nT per 2 minute period, a flight will not depart until the activity has returned to levels below this rate. Once a flight has started it will not be aborted due to diurnal activity.

3.2.7 Re-flights

Any flight lines or parts of flight lines with data outside the above tolerances will be considered for re-flights. All re-flown lines or portions of lines will be tied to the closest control lines at both ends.

4. PAST PERFORMANCE OR EXPERIENCE AND QUALIFICATIONS

4.1 Organizational experience

NSG provides high quality airborne magnetic/gradiometer and spectrometer surveys using fixed-wing and helicopter platforms. The company is owned and operated by W. E. S (Ted) Urquhart Ph.D. who was the founder and President of High-Sense Geophysics Limited that was sold to Fugro in 2000. After a five-year non-compete period, NSG was inaugurated to re-enter the airborne survey industry to carry on the tradition of providing innovative technologies focusing on collecting the highest quality airborne geophysical data in the safest possible manner.

NSG operates from two offices, one in Markham, Canada where its equipment is manufactured, tested and dispatched throughout the world; the other is in Santiago, Chile where NSG offers airborne geophysical services in Spanish to its South American clients.

NSG has performed airborne geophysical surveys in Africa, North America, Europe, the Middle East and South America. NSG has flown in excess of 700,000 line km in the last 3 years for clients such as major companies like: USGS, BHP Billiton, PG&E, Kennecott, Teck Cominco, Barrick Gold, Kinross, Gold Field, etc.

4.2 References of previous surveys

Dr. V. J. S. (Tien) Grauch, Scientist in charge, *U.S. Geological Survey*
Phone: +1 (303) 236-1393
Email: tien@usgs.gov

Donald Hinks, Project Geophysicist, *Kennecott Exploration Company*
Tel +1 (801) 204 3404
Cell +1 (801) 638 8528
Email: donald.hinks@riotinto.com

Peter Mills, BHP Billiton Ltd.
Tel: + (976) 11 323033 x103
Email: peter.j.mills@bhpbilliton.com

4.3 Qualifications of the personnel and pilots

4.3.1 NSG representative

NSG conducts surveys with an operatorless system and as a result typically sends only one field geophysicist on the job site who possesses good knowledge in not only QC/QA, data processing but in the equipment maintenance as well. At this stage it is planed that NSG representative on the job site would be Mr. Sean Plener with Mr. Andrei Yakovenko being the general project manager under the oversight of Dr. William E. S. (Ted) Urquhart

Field:

Mr. Sean Plener is detail oriented specialist with international and domestic survey and mapping experience and a background in Physical Geography and Earth and Atmospheric Science. Sean has been working with New-Sense since 2007 on both airborne FW and Helicopter total field magnetic and radiometric surveys in different parts of North America and South America.

Geophysicist:

Mr. Yakovenko, Andrei, has been responsible for fixed wing and helicopter airborne operations including permanent, contract, and air crew supervision, logistics, data QA/QC, data processing, and reporting.

He is a tri-lingual, solutions oriented specialist with international and domestic survey and mapping experience, with a background in geology, underwater, land-based archaeology, and geophysics. Currently a Masters candidate in geophysics at McMaster University, Andrei obtained his B.Sc. (Honors) from the University of Toronto. He is skilled in geophysical data processing using Oasis Montaj and coordinating multiple airborne projects. Andrei has authored multiple scientific publications.

Office supervision:

Dr. Urquhart has over 40 years of experience in geophysics, during which time he has been involved in field surveys, operations, management, data quality, safety, data enhancement, compilation and interpretation for various projects throughout the world. Ted was an owner and president of High-Sense Geophysics Ltd. (the third largest geophysical airborne survey company in the world). He has participated in projects as diverse as oil basin studies, mineral and diamond exploration and radioactive satellite fragment recovery. Academically, Ted has conducted research (M.Sc., Ph.D., and professionally) into the correlation of magnetic anomalies with geological factors on both a large and small scale.

5. NSG'S QUALITY CONTROL

During data acquisition, the system will be monitored by the field QA/QC personnel to ensure that the equipment is secure and unchanged. If equipment has been noted to shift or a mechanical part of the aircraft has changed, another FOM will be flown.

Base station and survey flight data is collected immediately after each flight and duplicate copies made. Field staff verify completeness of flown lines, note and log any deviations from the flight path, identify (manual & 4th difference algorithm) and remove noise spikes (note: raw data is maintained), magnetic compensated channels created, daily progress report updated and posted for client, complete data set sent to NSG.

The iNAV V3 system, used for both flight and base station systems, store real time data on two independent storage media (hard disk, and a flash memory device). In the event that one of the devices fails or data were corrupted, a backup remains intact.

Post field production is done on a day-by-day basis. After the field data QA/QC process described in sections 7.4.1 and section 7.4.2, the data is sent to NSG's secure FTP. The post field QA/QC and leveling will be done by either Andrei Yakovenko or Dr. Ted Urquhart. The field staff is in contact with the in-house processor every evening to ensure data was received and to discuss previous flights. If there is an issue, the field staff can be reached by cell or satellite phone to make the necessary corrections before production continues. This immediate processing of the data to pre-final stages, benefits the client in three very important ways: First, there are multiple levels of personnel monitoring the survey data in a short period. If something is missed by the field staff, it will be caught by our in-house personnel before the survey progresses much further; second, we can update the client with current pre-final maps so areas of interest can be discussed and in-fills or re-flights can be planned before the survey lines are completed, thereby minimizing standby days; finally, the pre-final maps are ready the day after flying is completed and can be submitted for the clients approval.

The final products will be prepared as to the contract's obligations, section 8, and with Client's consent on all the data processing steps and procedures. A first version of the final products will be delivered to Client or other client representative for a review and approval.

For additional Data Processing and QA/QC information refer to the following sections regarding:

- Procedures including measures for aircraft's aeromagnetic system calibration (refer to sections 7.2.)
- Inflight data acquisition (sections 7.1 (except 7.1.4, 7.1.9, 7.1.10), 7.2, and 7.3)
- Flight path location (section 7.1.7)
- Ground magnetometer data acquisition (section 7.1.4)

- Data processing and map preparation (sections 7.4 and 8)

6. EQUIPMENT SUITABILITY AND CONTINGENCY PLAN

6.1 Availability and quality of proposed data acquisition and processing equipment

Aircraft:

A Bell 206B or similar helicopter provided by Northern Air Support (NAS) based in Kelowna, BC, will be used.

The aircraft with its field crew will operate from Carmacks, YT, and be using a certified fuel truck or fuel drums for refueling at those locations and/or designated fuel cash closer to the survey areas.

Client will be responsible for providing certified Jet fuel for the helicopter.

The aircraft will be limited to VFR flying conditions. All other conditions will be left to the discretion of the pilot in command.

Data Acquisition:

NSG builds and maintains its own proprietary data acquisition systems known as iDAS. The iDAS system features the KroumVS Instraments KMAG4 magnetometer counter and the KANA8 analog to digital converter. The systems are built with a wide range voltage input (9V to 36V) to accommodate a variety of aircraft power supplies.

The iDAS system uses sophisticated software to provide an autonomous "Operatorless" system resulting in a SAFER survey environments by removing the need for an operator on board the aircraft.

The systems will be available within two weeks of the signing of the contract.

For the data processing NSG is using Geosoft Oasis montaj with a number of build in GX scripts.

6.2 Electronic navigation

Pilot Friendly Navigation display (PI) delivers all the navigation and control features necessary for the pilot to safely maintain the highest quality flight line specifications without additional safety risk of having an operator on board the aircraft (see also section 7.1.7).

6.3 Safety Plan

Safety is the number one priority at NSG. NSG is an active member of the International Airborne Geophysics Safety Association (IAGSA)

Prior to mobilizing to the job site, IAGSA Risk Analysis and NSG Job Safety Plan will be prepared in the Markham office. There are areas of the report that require a physical presence on the job site (i.e. reconnaissance flight, identifying local hazards, etc.). At the job site, before each departure, the pilot will contact the local air traffic controller.

Prior to flying the first production line, a safety meeting is held by a NSG representative where each of the reports is explained to all members of the survey crew. A reconnaissance flight will then take place and the IAGSA Risk Analysis and NSG Job Safety Plan will be completed.

Every Sunday, a weekly safety meeting takes place where any and all the safety concerns and issues during the past week are brought to attention and logged to a weekly safety report.

Pilot safety is enhanced by the use of a flight following system that provides updates at 2-minute intervals on the GPS location of the aircraft. This information is monitored in real time on the internet by authorized personnel. In case of an emergency the pilot could press a “Panic Button” connected to the Flight Following and the signal will be transmitted at around 10 sec. intervals or less, which would drastically reduce the search area in a case of emergency landing.

The client will be provided with a login for real time monitoring of aircraft activities through this Flight Following System.

In addition, the Flight Following has an integrated satellite phone that is connected directly to the pilot’s headset. This minimizes any distraction to the pilot when sending or answering a call.

Prior to the flight’s departure, a NSG representative records all the information regarding the aircraft status, such as time of departure, endurance, fuel level, etc.

Once in the air, NSG representative monitors the aircraft at least once every half hour. In case of internet problems, a call will be given right away to the satellite phone integrated to the pilot’s headset and once every hour.

If the flight following signal is lost and the pilot cannot be reached by satellite phone, then NSG’s emergency response procedure is initiated (detailed in the NSG Job Safety Plan).

The aviation company will adhere to all the standards and requirements for local approved air operators.

In summary:

- NSG is active members of International Airborne Geophysics Safety association (IAGSA)
- On each job NSG completes both IAGSA Risk Analysis and NSGs Job Safety Plan forms.
- NSG conducts daily safety meetings with the crew before any flying takes place.

- A Flight Following system will accompany NSG iDAS system that provides updates on every 2 minute intervals, which could be monitored through internet access.
- In addition, the Flight Following has an integrated satellite phone that is connected directly to pilot's headset. Thus minimizing any distraction if pilot decides to send or receive a call.
- The client will be provided with a login for real time monitoring of the helicopter activities through the flight following system.

6.5 Safety Record

No accidents or near accidents have ever occurred at NSG. Since its inception, the company has flown over 45 magnetic and/or radiometric surveys totaling well over half a million line kilometers without an accident.

In addition, High-Sense Geophysics formed in 1993, owned by NSG president Dr. Ted Urquhart, also had an accident-free history. High-Sense rose to become one of the world's largest airborne survey contractors and had met and exceeded the rigorous safety standards of BHP, Shell, and Phillips, among others. It had performed surveys without incident or accident in difficult areas including Vietnam, China, Mongolia, Mauritania, Democratic Republic of the Congo, Brazil, and Sudan.

7. TECHNICAL APPROACH

7.1 AIRBORNE AND GROUND INSTRUMENTATION

7.1.1 Aircraft Type

The aircraft allocated to conduct this survey is a JetRanger 206B helicopter (or different see Section 6.1) with a fix mount stinger assembly with a Cesium magnetometer mounted in it.

7.1.2 Geophysical Flight Control System

A geophysical flight control system, designed and built by NSG will be provided. This system will control, monitor and record the operation of all the geophysical and ancillary sensors.

7.1.3 Airborne Magnetometer

The magnetometers will be cesium sensors, operated in strap down tail stinger mount. The orientation of the sensor is adjustable, to provide optimum coupling with the earth's field on reciprocal headings. The magnetometer has a sensitivity of better than 0.01 nT at a sampling interval of 0.1 s. The magnetometer has the capability to measure ambient magnetic fields in the range of about 100 to more than 100,000 nT.

The airborne magnetometer is supplemented with an 18-term digital compensation system that uses the input from a 3-axis fluxgate to determine the aircraft's attitude and rate of change with respect to the earth's magnetic field. The compensation system identifies the permanent, induced and eddy current magnetic contributions of the aircraft and provides a correction to be applied to the raw magnetic data to remove the maneuver noise.

A FOM will be calculated by summing the absolute errors of each of the 12 maneuvers and will be less than 3 nT.

7.1.4 Ground Magnetometer

Scintrex Cesium CS3 or GSM19 Proton magnetometers will be operated at the base of operations within or near the survey area in an area of low magnetic gradient and free from cultural noise. The sensitivity of the ground magnetometer will be equal to better than 0.1 nT. Data will be recorded continuously every 1 second (or a rate defined by the client) throughout the survey operations in digital form. Both the ground and airborne magnetic readings are automatically time stamped with GPS time to within 0.005 seconds ensuring a very high degree of correlation based on broadcast GPS satellite time.

7.1.5 Radar Altimeter

A Terra 3500 radar altimeter will be operated in the aircraft throughout the survey to provide ground clearance information. The altitude will be recorded every 0.1 second or better. This instrument has a linear performance over the range of 0 to 2500 feet.

7.1.6 Fluxgate Magnetometer

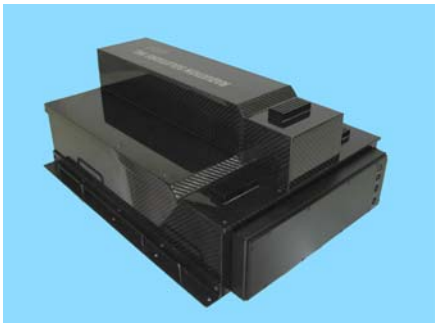
To achieve quality compensation NSG uses a Bartington Mag-03 Three Axis Magnetic Field Sensors. These compact, high performance fluxgate magnetometers with integral electronics provide reliable precision measurements of static and non-static magnetic fields in three orthogonal axes. The magnetometer is mounted inside the stinger assembly.

7.1.7 GPS Navigation

A 16-channel GPS navigation system will be used for navigation and flight path recovery. The Ublox RCB-LJ GPS receiver board is powered by the ANTARIS® positioning engine.

The leading ANTARIS® GPS Engine provides excellent navigation performance under dynamic conditions in areas with limited sky view like urban canyons, high sensitivity for weak signal operation without compromising accuracy, and support of DGPS and multiple SBAS systems like WAAS and EGNOS. The 16 parallel channels and 8192 search bins provide fast start-up times. The aiding functionality accelerates start-up times even further. The low power consumption and FixNow™ power saving mode make this product suitable for handheld and battery-operated devices.

7.1.8 Spectrometer



The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), will be used for the survey. The RS-500 spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 256 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

A resolution test will be performed before the first and after the last flight each day in order to monitor sensitivity and resolution of the crystal pack.

7.1.9 Field Data Verification System

NSG will provide a complete PC based magnetic map compilation facility, to serve as a field verification system The PC computer based system is equipped with all the software necessary to produce preliminary data images in the field. Data will be provided to the client in a Geosoft format.

The digital data records will be verified at the project site to confirm that data recording has taken place within specifications. All raw digital data recorded in flight and on the ground station magnetometer will be duplicated on site to prevent loss, and stored in separate locations.

In the base where there is e-mail connection, data will be sent on a daily basis for further examination in the head office where areas of infill will be chosen.

7.1.10 Flight Following System

NSG places the highest priority on safety and uses satellite tracking and communication technology to monitor all its survey flights. The aircraft will be equipped with Latitude Technologies Skynode S200, a system that includes satellite phone, flight tracking, and messaging transceiver. This system uses the Iridium satellite network, which provides both voice and data communications between the aircraft and ground stations.

The S200 system can be set up for different time frames; it now automatically updates its position at least once every 2 minutes allowing NSG's field or office

staff to monitor the progress of the survey flights. All flight staff are trained in the use and the operation of the S200 system.

During the survey, if the pilot experiences any problems with operation of the survey equipment or encounters any other difficulties, he/she can call the field or office staff for support through the satellite phone, which is integrated into the pilots head set. In the event of flight operations problems, field staff can often troubleshoot and correct difficulties allowing survey flights to continue uninterrupted.

In the event of an emergency the pilot may press the “Panic Button” which will cause the system to immediately transmit the location and heading of the aircraft and will continue to transmit the current position of the aircraft continuously at around 10 sec. intervals until the emergency system is turned off.

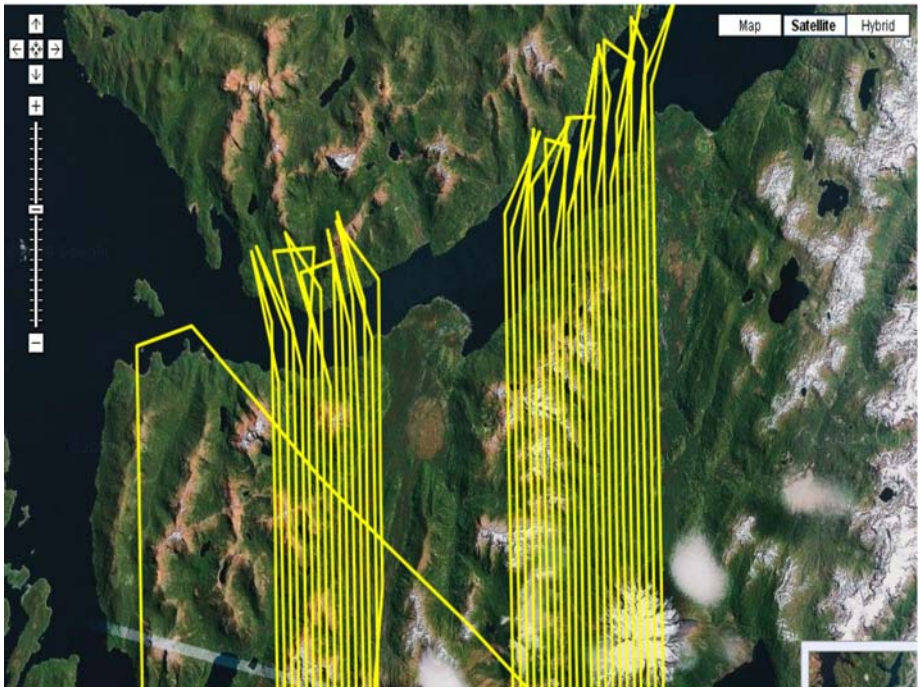


Figure 7.1 Screenshot of Flight Following Through Internet Web Browser

7.2 INSTRUMENT CHECKS AND CALIBRATIONS

Failure to meet the specifications in any check or calibration test will be cause for corrective action by NSG or approval of the Client before survey operations can be undertaken.

7.2.1 Magnetometer

Figure of Merit (FOM)

A test will be flown on-site prior to the survey to determine the FOM of the installed magnetometer. The system will be flown on the four cardinal headings doing a pitch, roll, and yaw, maneuver on each. The FOM will be calculated by summing the absolute errors of each of the 12 maneuvers and will be less than 3 nT.

7.2.2 Altimeter

Checks of the radar altimeter calibration will be undertaken above the base airstrip or some other suitable location with known elevation and flat terrain.

7.2.3 Radiometric

7.2.3.1 Pre-survey Spectrometer Calibrations and Tests

Calibration of the spectrometer system is a vital process to airborne radiometrics or airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- Calibration Pad measurements, which are used to determine the "spectral overlap" (Compton scattering) coefficients. The calibration test is performed within a 12 month period before and/or during the survey by the manufacturer, Radiation Solutions Inc., at its headquarters location in Mississauga, Ontario.

- Cosmic Flight Test, which is used to determine the aircraft background values and cosmic coefficients. A series of high altitude test lines (e.g., 8,000 ft, 9,000, ft, 10,000 ft, and 11,000ft (if capable) above sea level) will be flown in the vicinity of the survey areas.

- Height Attenuation Test, which determines the altitude attenuation coefficients. A series of test lines (e.g., 50 ft, 100, ft, 150 ft, 200, ft, 250 ft, 300 ft, 400, 600 ft, 800 ft, and 1000 ft above ground) over dry and flat ground, will be flown in the vicinity of the survey areas.

7.2.3.2 During-Survey Spectrometer Calibrations and Tests

7.2.3.2.1 Resolution Daily Tests

The usual measure of the energy-resolution of a spectrometer system uses the “full width at half maximum (FWHM)” of a photo-peak. This is the width of the peak at half the maximum amplitude divided by the energy of the photo-peak.

The overall system resolution based on the Th photo-peak at 2.61 MeV should always be better than 7% on all downward looking crystals. If the resolution changes by more than 1% (eg, 4% to more than 5%) from that measured at the start of the survey, flying operations will be ceased until the source of the problem is found and rectified.

This test is not required with the RS-500 system and will only be performed at the Clients request and upon availability of Th source material.

7.3 DATA RECORDS

7.3.1 Digital Records

The airborne data acquisition system will record the following information digitally in a format that enables the recording of each variable over its full dynamic range:

Fiducial count
GPS UTC time
GPS latitude, longitude, UTM easting, northing and elevation above ellipsoid
Raw magnetic total field
Calibrated radar altimeter output
Three Fluxgate channels
Raw Potassium counts
Raw Thorium counts
Raw Uranium counts
Raw upward-looking Uranium counts

Raw Total Count
Raw Cosmic counts
Live Time
Downward Spectrum

The base station will record the following information digitally in a format that enables the recording of each variable over its full dynamic range.

GPS time (used as fiducial number)
GPS raw satellite range information
Raw magnetic total field

All survey parameters including raw magnetic total field, electronic positioning, radar altimeter, and time and fiducial markers will be recorded digitally during data acquisition in flight. The magnetic base station will record total magnetic field and GPS time.

The data acquisition system organizes the data in a form directly suited to building the processing database. This digital file structure has for each traverse and control line a unique line number and segment number. The base station magnetic profile and GPS coordinates are added to the database using GPS time for alignment.

7.4 DATA COMPILATION AND MAP PRESENTATIONS

The NSG Field-Mapper PC based computer compilation system will be used to process the collected geophysical data on-site as the survey progresses. The 'on-site' processing will enable the Client to review the magnetic data to evaluate targets to make a qualified decision regarding any changes to the survey quantity and size. This will allow the selection of “in-fill” or area extensions. The preliminary data will be sent via FTP site (assuming reasonable speed internet connection is available) for the client’s review at least once a week (more often should the client require).

7.4.1 Magnetic

7.4.1.1 Field Data Processing

After collecting flight and base station data, flight data will be imported to Oasis montaj using a NSG template that includes all project data channels. Next flight data will be windowed to only include flight path data within the survey block using custom NSG script that will be developed for the survey areas.

Magnetic flight data from the tail will then be duplicated to ensure original raw data is not modified in any way. Profiles for the duplicated channels are then checked for visible noise spikes. Any noise spikes are then cleaned manually and interpolated. From there, field staff will run an automated script that will look for any missed noise spikes. This automated script employs a 4th difference algorithm to identify noise spikes in magnetic data. After other channels (radio altimeter, flux gate profiles etc.) are inspected for normal behavior that database is prepared for magnetic compensation. Using QC Tools, compensation coefficients are applied to the cleaned magnetometer channel and the database is saved.

From here, NSG staff will import base station data into Oasis montaj using a NSG template. Base station data is duplicated to maintain a raw channel and then checked for visible noise spikes. After noise spikes have been removed and interpolated, a 101 (or other job specific) low pass filter is applied to base station magnetic channel and the database is saved.

Next, the flight and base station databases are merged, synchronized (using the GPS clock channel recorded by both systems), compressed, encrypted and sent to NSG's secure server in Toronto, for in-office QA/QC and processing procedure.

NSG field staff from there will updated and complete all daily logs (weekly progress report, daily procedures checklist, weekly summary meeting etc.).

7.4.1.2 Post-Field

As the data being received from the field on day-to-day basis it is reviewed for QA/QC once again to insure that nothing got missed in the field. The data is checked for quality of magnetic signal from all sensors, including the base station magnetometer, fluxgate magnetometer, radar altimeter, line deviations etc. The profiles of the above data are plotted and checked on line-by-line basis. Algorithms like 4th-difference are used to check the CS3 signal.

After the data has been QA/QC checked it is merged with an ongoing master database. Where the following data processing steps take place:

1) Diurnal correction - subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction. The mean of base station readings is added back to the data.
2) Heading error correction - using pre-constructed heading table.

3) Lag correction – to correct for sensor-to-GPS offset.
4) Simple Leveling - a survey line/control line network will be created in order to determine differences in magnetic field at the line intercepts. The differences will be calculated and tabulated, then used to guide subsequent manual leveling on any lines or line segments which required adjustments. See image below for an example of contour Total Magnetic Intensity (TMI) map produced after Simple Leveling was applied.
5) Microleveling – depending on the Simple Leveling results a Microleveling might be needed in order to further correct the data for linear line-to-line noise. The technique used will be the one developed by Paterson, Grant & Watson Limited and available through Geosoft Oasis montaj with the mutually accepted parameters.
6) IGRF correction - The total field strength of the International Geomagnetic Reference Field (IGRF) 2005 model will be calculated for every data point, based on the spot values of latitude, longitude and GPS altitude, using the 2005 model. This IGRF will be removed from the measured survey data on a point-by-point basis. The mean of IGRF readings is added back to the data.

7.4.1.3 Magnetic data filtering and gridding

A cosine filter (e.g., 31-51 points) will be applied to 50Hz data before re-sampling the data to 10Hz.

The TMI grid will be produced using bi-directional gridding technique, with 20 m cell size (or other suitable size depending on liner spacing) and Akima spline across and down lines.

7.4.2 Radiometric

7.4.2.1 Field Data Processing

After collecting flight data, the radiometric data will be imported to Oasis montaj using a NSG template that includes all project data channels. Next flight data will be windowed to only include flight path data within the survey block. After, an in house-developed radiometric processing GX will be run on the database, which will apply the following corrections:

7.4.2.1.1 Pre-filtering

The cosmic and radar altimeter channels will be processed with a 10-20 point and 5 point low pass filter respectively to remove spikes.

7.4.2.1.2 Live Time correction

All the elements including upward looking Uranium and Total Count will be corrected for Live Time using the following formula:

$Clt = Craw \times (1000/LT)$

Where:

- Clt is the live time corrected channel
- Craw is the raw channel
- LT is the Live Time channel

7.4.2.1.3 Aircraft and Cosmic Background

Aircraft background and cosmic stripping corrections will be applied to the Total Count, Potassium, Uranium, Thorium and upward Uranium channels using the following formula:

$Cac = Clt - (ac + bc \times Cosf)$

Where:

- Cac is the background and cosmic corrected channel
- Clt is the live time corrected channel
- ac is the aircraft background for this channel
- bc is the cosmic stripping coefficient for this channel
- $Cosf$ is the filtered cosmic channel

All negative counts after this correction step will be replaced with zeroes.

7.4.2.1.4 Compton Stripping

Following the radon corrections for Uranium and Total Count, the potassium, uranium and thorium will be corrected for spectral overlap. First the stripping ratios α, β, and χ were modified

according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha h = \alpha + hef \times 0.00049$$
$$\beta h = \beta + hef \times 0.00065$$
$$\chi h = \chi + hef \times 0.00069$$

Where:

- α, β, χ are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- hef is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- U_c, Th_c, and K_c are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- U_{bc}, Th_{bc}, and K_{bc} are background and cosmic corrected Uranium, Thorium and Potassium
- ar is the backscatter correction
- a is the reverse stripping ratio U into Th

All negative counts after this correction step will be replaced with zeroes.

7.4.2.1.5 Attenuation Corrections

The Total Count, Potassium, Uranium and Thorium data will then be corrected to a nominal survey altitude according to the equation:

$$Ca = C \times e^{-\mu(h0-h)}$$

Where:

- Ca is the output altitude corrected channel
- C is the input channel
- μ is the attenuation correction for that channel
- h is the radar altimeter height, in metres
- $h0$ is the nominal survey altitude used as datum

All negative counts after this correction step will be replaced with zeroes.

7.4.2.2 Office Data Processing

All of the above calibration procedures, tests and corrections applied in the field will be reviewed for QA/QC by assigned office QA/QC and data processing person .

7.4.2.3 Radiometric grids

Grids of Potassium, Thorium, Uranium and Total Count will be produced using bi-directional gridding technique, with 25 m cell size (or other suitable size) and Akima spline across and down lines.

8. FINAL PRODUCTS

The following is the list of items that will be delivered to the Client:

Hard copies (2 copies):

- Ternary map of Th, U and K (1:20,000 scale)
- Map of Potassium (1:20,000 scale)
- Map of Thorium (1:20,000 scale)
- Map of Uranium (1:20,000 scale)
- Map of Total Count (1:20,000 scale)
- Map of Total magnetic Intensity (1:20,000 scale)
- 1st order Vertical Derivative (1:20,000 scale)
- Digital Terrain Model (1:20,000 scale)
- Final Logistics Report

Soft copies (2 copies):

- Ternary map of Th, U and K at 1:20,000 scale
- Grid and map of Total Magnetic Intensity at 1:20,000 scale
- Grid and map of Potassium counts at 1:20,000 scale
- Grid and map of Thorium counts at 1:20,000 scale
- Grid and map of Uranium counts at 1:20,000 scale
- Grid and map of Total Count at 1:20,000 scale
- Grid and map of 1st order Vertical Derivative at 1:20,000 scale
- Grid and Map of Digital Terrain Model at 1:20,000 scale
- Final Logistics Report
- Radiometric data database in Geosoft gdb format including all raw data and height corrected Potassium, Thorium, Uranium, and Total Count
- Magnetics data database in Geosoft gdb format including raw data, base station, compensated, base station corrected, IGRF corrected, heading corrected, lag corrected, simple leveled, and microleveled (optional) total field.
- Database and channel descriptions file in Excel format
- Weekly and Line Progress report

9. TIME SCHEDULE

The project will start on July 13, 2011.

10. TERMINATION

In the event that the geophysical platform or equipment becomes inoperable, NSG will proceed with diligence to rectify the problem within a reasonable period of time. If within the aforementioned period of time NSG fails to rectify the problem, the Client may, at their discretion, terminate the work under this Proposal in full or in part. In the event of such termination, the Client shall be obliged to pay NSG for services rendered only up to the date of receipt of a written notice of such termination and for documented expenses incurred by NSG prior to the date of receipt of termination notice, and for reasonable cancellation and demobilization costs.

11. LOCAL LICENSES, PERMITS AND CUSTOMS

Client will take the responsibility for obtaining all local licenses and permits required to perform the services. Out of pocket costs for permitting will be reimbursed by the client.

12. GENERAL CONDITIONS

NSG will carry out the agreed services in a proper and workmanlike manner with a high standard of safety and in accordance with the laws, rules and regulations applicable to the project location.

At all times during the term of this Proposal, the NSG or its subcontractors shall carry and maintain at its own expense, work insurance protection of the kinds and in the minimum amounts set forth below:

12.1 NSG Liability Insurance

- Employer's Liability and Workmen's Compensation insurance to cover employees furnished by NSG including:

  (a) Statutory Workmen's Compensation benefits in compliance with the laws of the state, province or country in which the aircraft operations under this Proposal will be performed;

  (b) Employer's Liability to have limits of not less than $5,000,000 per person, and $5,000,000 per accident;

  (c) Employer's Liability applicable to all provisions outlined above with limits not less than $5,000,000 each person, $5,000,000 each occurrence.

- Comprehensive General Liability Insurance. Such insurance shall cover all operations in all provinces, states and countries in which the aircraft operation or services may be performed by NSG hereunder and shall include the following:

  (a) Limits of liability: not less than $5,000,000 for death or injury of any one person, $5,000,000 in the aggregate for all persons injured or killed as the result of any one accident, and $5,000,000 for loss of or damage to property resulting from any one accident.

  (b) Contractual liability coverage for NSG's obligations hereunder;

13. CHARGES AND PAYMENT TERMS

Total estimated cost for Survey and Map Production

Block Names	Line Spacing (Traverse/Control)	Estimated Total Line Km	Price per Line Km ($CAD)*/**	Mob/Demob ($CAD)*	Estimated Total***/****
Klaza Extension	100m/1000m	465	$92.31	$2,700	**$ 45,624.15**

Stand-by of CAD $1,430.00/day will be charged on those days where flying is not possible due to inclement weather, atmospheric conditions, labor unrest, government intervention or other stoppages beyond the control of the contractor.

*Note: The line Km and mobilization/demobilization rates are based on condition that the two additional blocks (known as BBB, and Dade as per the contract with Wolverine Minerals Corp.) will be flown during the same period as Klaza Etension block. The total estimated survey line Km will be 1,295.

**Note: The line Km rate is based on condition that client provides sufficient amount of Jet fuel for the helicopter at the following sites: Klaza camp, Carmacks.

***Note: The estimated total will depend on the final number of line Km to be flown. The actual line Km distances may be slightly less or more than estimated.

****Note: These prices are net of all local taxes.

Payment Schedule

An initial payment, due on signing and mobilization: 50% of selected survey Plan price

Second payment, due on completion of flying: 40% of selected survey Plan price

On delivery of final maps and reports: Balance

All invoices are due and payable upon submission at the Client's address indicated in Section 1 of this Survey Agreement. A service charge of 0.4 % per week on unpaid balance is payable on all overdue accounts.

The payment schedule is subject to negotiation should the proposed schedule not conform to the client's norms and regulations.

Funds will be paid by wire transfer to:

In CAD Funds

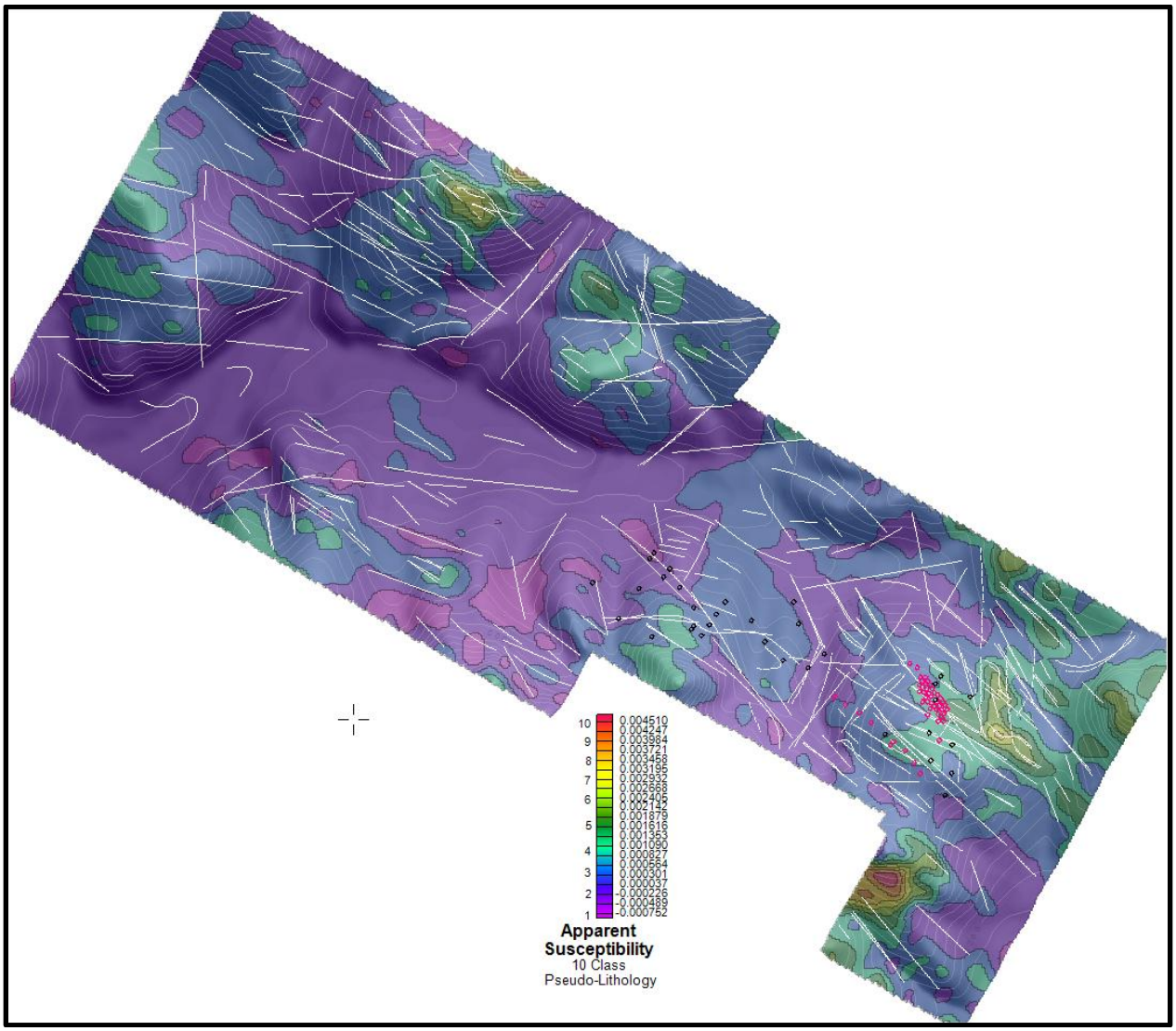
Beneficiary:	New-Sense Geophysics Limited
Bank:	The Bank of Nova Scotia
Account #:	02011
Transit #:	11452
Institution Code:	002
Swift:	NOSCCATT
ABA Routing:	026002532
Address:	880 Eglinton Avenue E. at Laird Drive
	Toronto, Ontario, M4G 2L2, Canada

NEW-SENSE GEOPHYSICS	ROCKHAVEN RESOURCES LTD.
Name (print): Andrei Yakovenko	Name (print):
Title: V.P. Operations	Title:
Date:	Date:
Signature:	Signature:

APPENDIX IX

CONDOR CONSULTING INC. GEOPHYSICAL REPORT

Processing and Interpretation of the Klaza Magnetic Data, Yukon, Canada



Drill holes on Classified Magnetic Susceptibility Map

Condor Consulting
Lakewood, CO USA

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Introduction

This report covers the processing and basic interpretation of the merged New-Sense Geophysics Ltd. Klaza magnetic and radiometric survey data. The data were collected in two tranches, a main 2010 Klaza survey followed by a 2011 Klaza extension survey that on laps the NW of the main survey block.

Klaza Merged Data Review

The Klaza survey topography, local coordinates and flight line path is seen below in Figure 1. The survey coordinates are NAD83 UTM zone 8N. There is a total of 811 line km of data on two survey grids, one of 326 km flown in 2010 and the extension of 485 km flown in 2011.

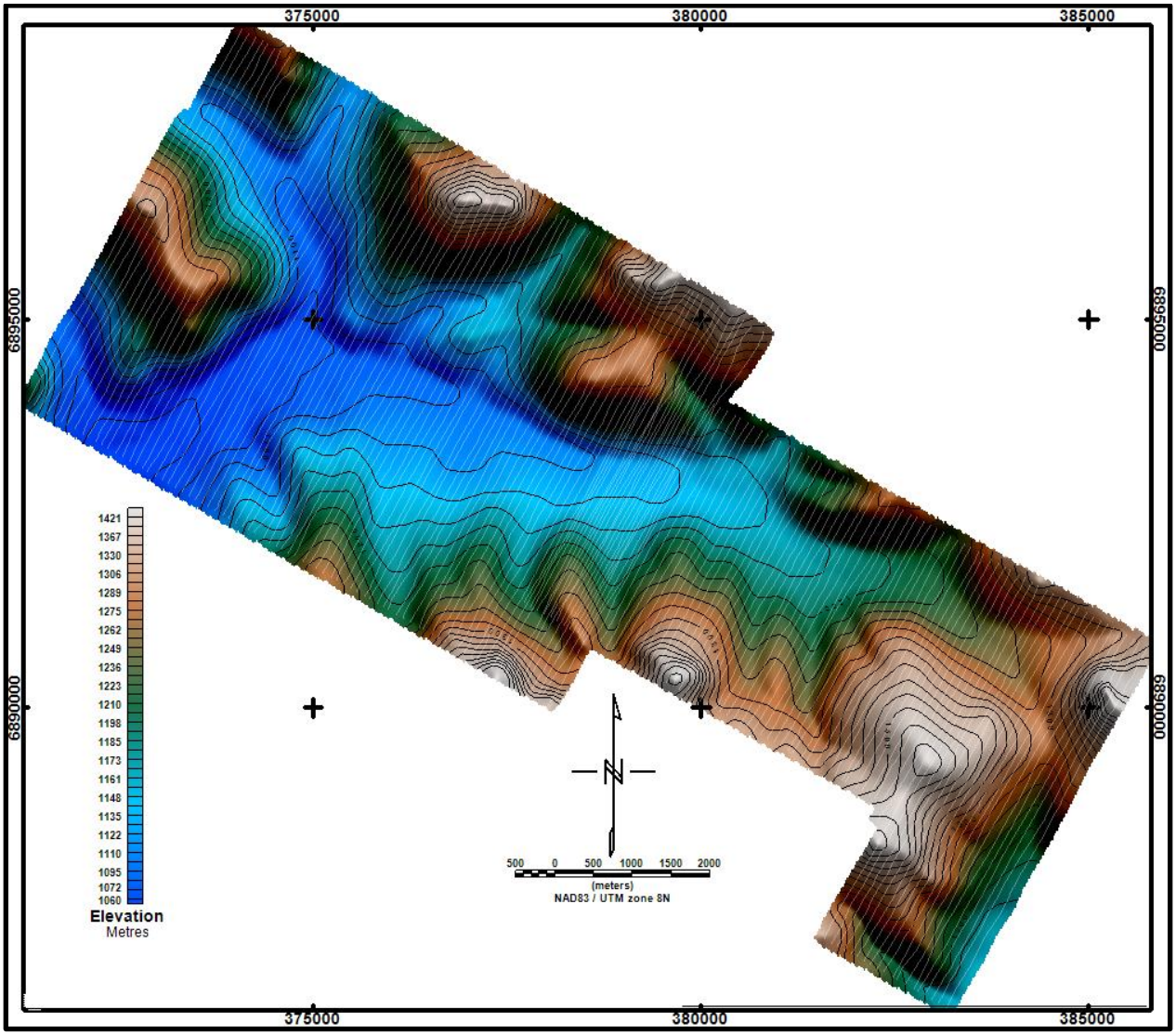

Figure 1. Klaza merged grid flight and tie lines, 811 km total. Background image is topography. The topographic relief from lower elevations (blue) to higher elevations (light brown) ranges over 500 m.

The nominal survey flight line spacing is 100 m. The survey grid covers significant topography with over 500 m of relief. Condor processing of the delivered data includes merging and micro-leveling of the 2010 and 2011 grids and magnetic filtering techniques that accentuate magnetic structure and response amplitudes on the grid. The reduction to pole (RTP) transformation was performed on the Total Magnetic Intensity (TMI) data provided by the survey contractor using Encom PA[1]. This product represents a calculation of what the magnetic observations would be if the inducing field were vertical (i.e. observations made at the magnetic pole). This parameter is expressed as TMI-RTP. Additional processing using the ZS suite in Encom PA was performed to calculate the tilt angle (TA) (angle above the horizontal of the total gradient vector) and the first vertical gradient of the TMI (1VD). The TA is also known as the RTP-tilt. RTP processing is undertaken prior to ZS products being generated. All the ZS filter products are identified by the prefix identified *ZS-[product]*. Sun-shaded "magnetic structure maps" also employ directional horizontal gradients that are usually parallel to flight line directions, accentuating magnetic structure perpendicular to flight lines. Radiometric data is plotted as ternary CMY color plots and individual potassium (K), uranium (U) and thorium (Th), and total count (TC) plots. TC and K were chosen as the primary radiometric display channels as TC would identify lithologies with the highest overall radiometric response and elevated K-counts may be particularly associated with alteration systems such as porphyries. In the following figures the geophysical response grids are draped on topography to show where higher amplitude responses are located in relation to topography.

Magnetic Grids

Figure 2 is a plot of the TMI-RTP draped on topography. The RTP range on the grid is ~ 2200 nT. The higher amplitude magnetic signatures appear to be partially correlated with exposed higher elevation ridgelines and mountain peaks. Lower amplitude TMI responses generally occur in lower elevation drainages. Terrain clearance (sensor altitudes) over the mountain peaks can be 250+ feet lower than over the drainage channels. Any response enhancement and attenuation evident in Figure 2 may in part be related to lower altitude sensors over the ridges and peaks, and higher altitude sensors over the drainages, respectively. Elevated RTP responses do though occur over intermediate topography indicating that elevated RTP responses don't solely arise from rocks being closer to the airborne magnetic sensor. As will be discussed further later in this report, elevated magnetization on the grid periphery is also correlated with porphyries and breccia and may indeed be related to these lithologies.

[1] Encom PA is a product of PbEncom, a unit of Pitney Bowes Software.

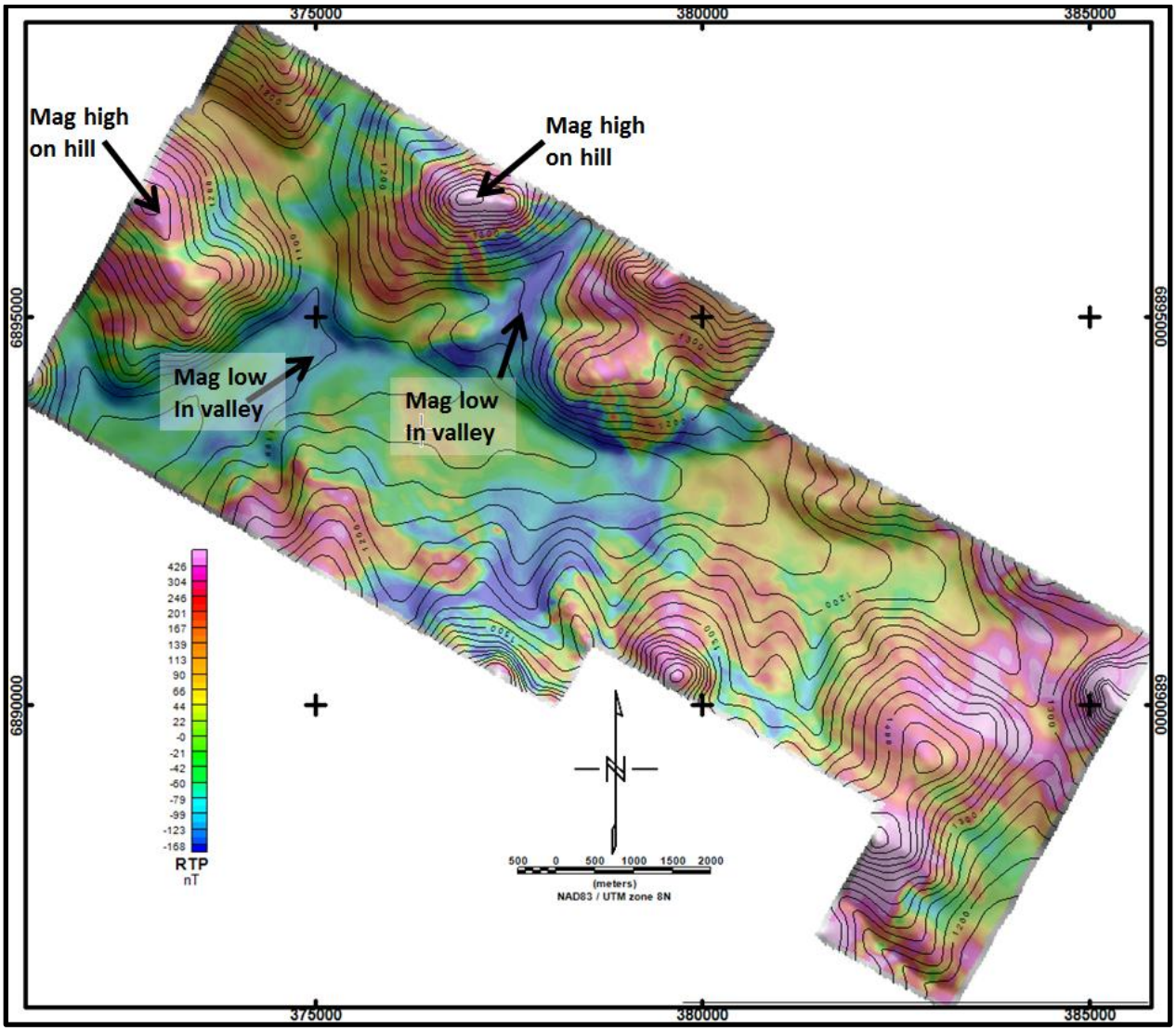

Figure 2. Klaza TMI-RTP image draped on topography. The highest amplitude responses (red) generally occur over peaks and ridges. The lower TMI amplitudes in darker blues generally trace drainage channels.

Figure 3 is a drape of the TA on topography. The TA returns higher angles in red shades regardless of the magnetic response amplitude and therefore acts like an automatic gain control for lower-amplitude responses, putting them on par with higher amplitude responses. The TA returns well defined linear signatures over structures such as contacts or magnetic horizons and as such is a useful filter for magnetic structural mapping. The primary magnetic texture on the grid is NW-SE striking; E-W and NE-SW striking magnetic lineaments are secondary and tertiary.

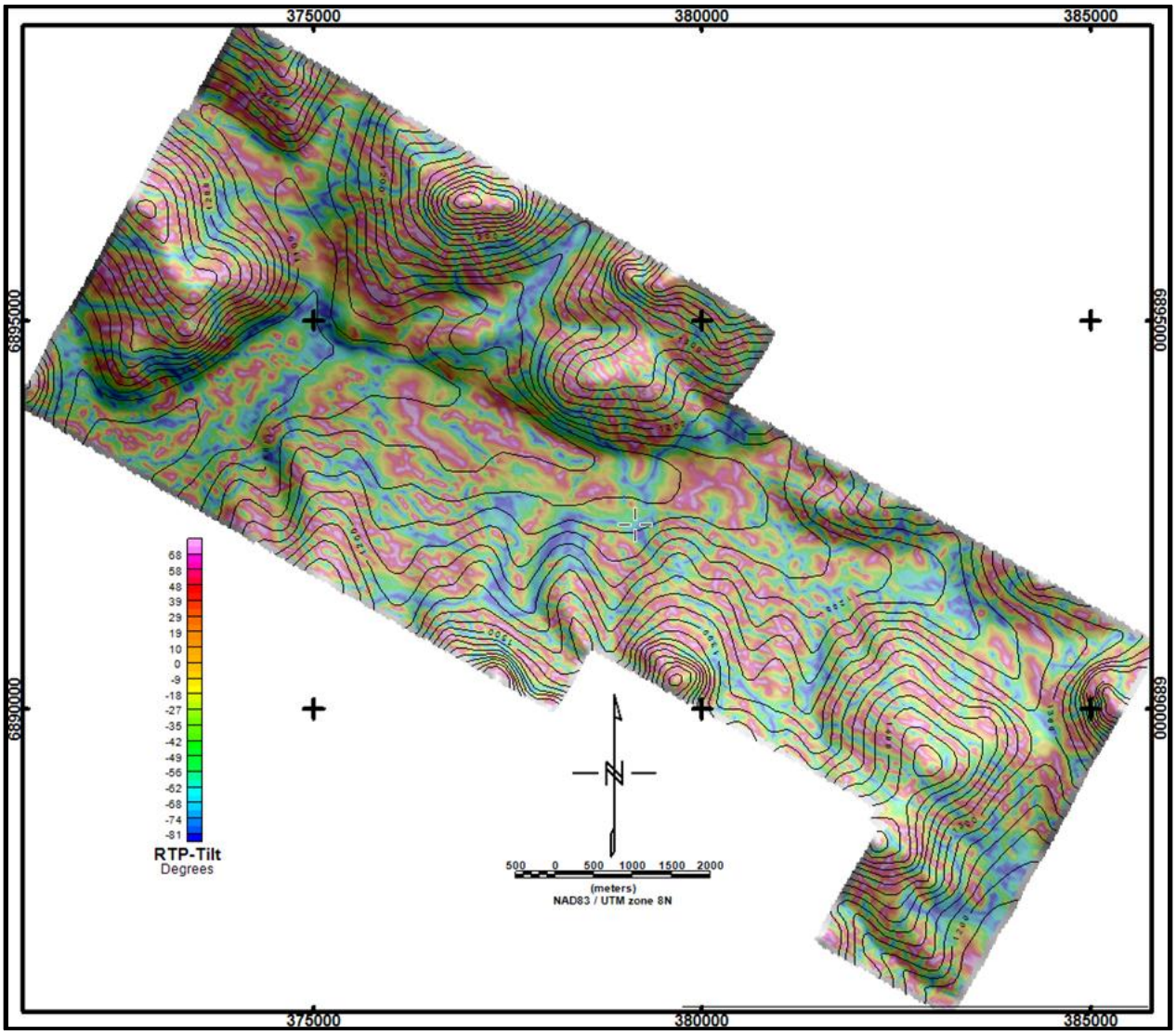

Figure 3. Klaza TA image draped on topography. The main magnetic texture is NW-SE striking.

Radiometric Grids

Figure 4 is a drape of the TC radiometric channel on topography. The correlation of higher TC over exposed ridgelines and mountain peaks, with lower counts in the drainage channels, is similar to the RTP amplitudes. It is kept in mind that the correlation of higher geophysical responses over higher elevations, if due to lower sensor clearances, may at least in part be coincidental, as the main N-S and E-W striking drainage channels show elevated K-counts downslope from mountain peaks with higher TC. It appears the nearby hills peaks may be radiometric sources that could be shedding more radioactive detritus into the main drainage channel. Drainage channels may conversely show lower radiometric readings due to higher moisture content or vegetation suppression of decay counts, not just higher sensor altitudes. In places the higher peaks and ridges on the grid periphery are mapped as porphyry

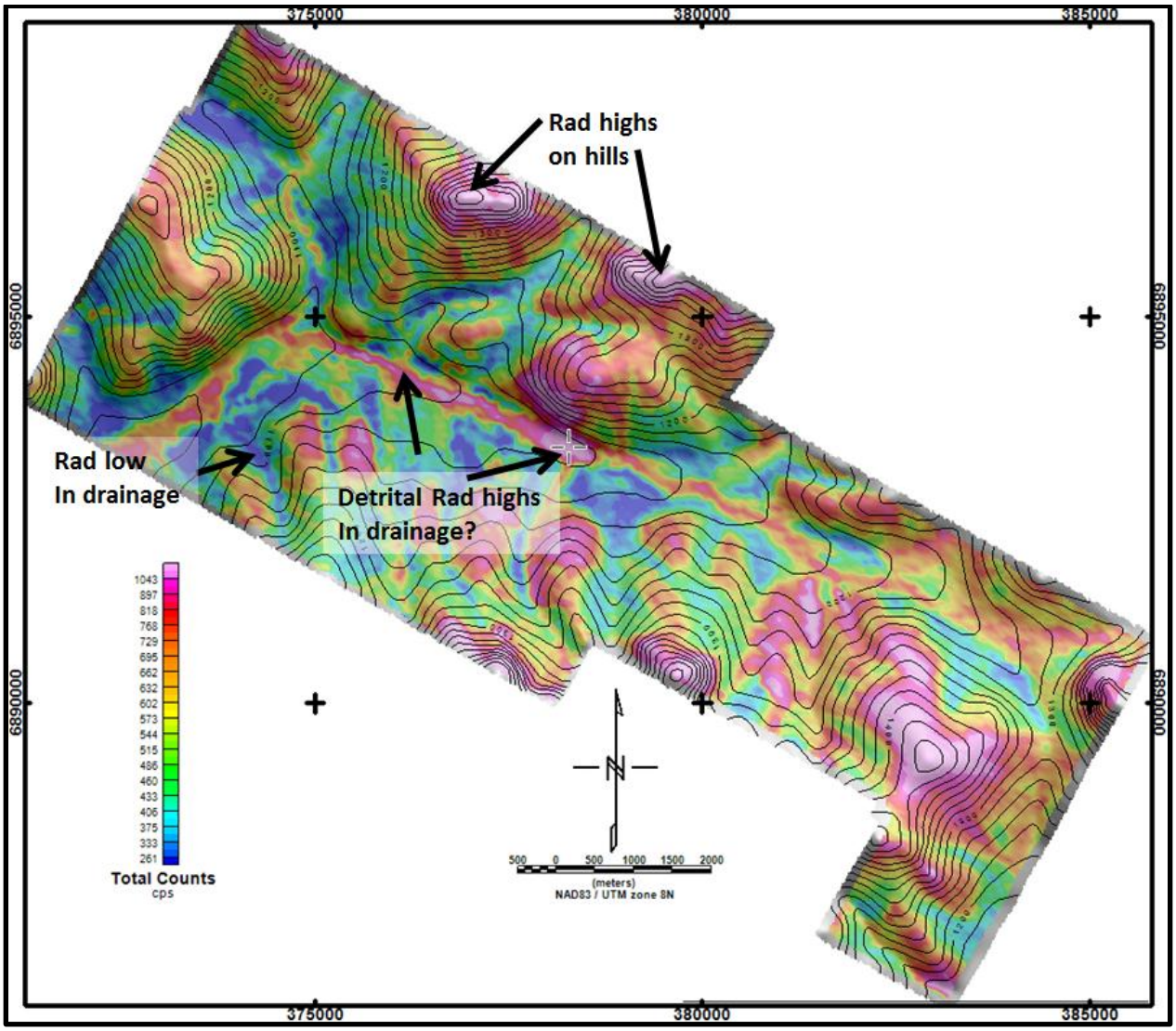

Figure 4. Klaza TC grid draped on topography. Higher responses in red, lower responses in blue.

and breccia, and these lithologies may in reality have higher radiometric counts and not just reflect lower airborne sensor altitudes. Elevated TC are also noted on the flanks of some hill slopes such as the Klaza Au zone and these may indicate that relatively more radioactive lithologies are located on some slope sites.

Figure 5 plots the K-counts on topography. The K map is similar to the TC map mapping higher and lower counts in similar places. The main difference between the two maps is that the TC returns one order of magnitude higher counts than K does, resulting in sharper detail in the gridded TC dataset. Relatively K-rich rocks in the central grid hills are apparent as they appear to be shedding higher K detritus into the main E-W stream channel, as will be discussed later shown these are porphyritic on the higher slopes.

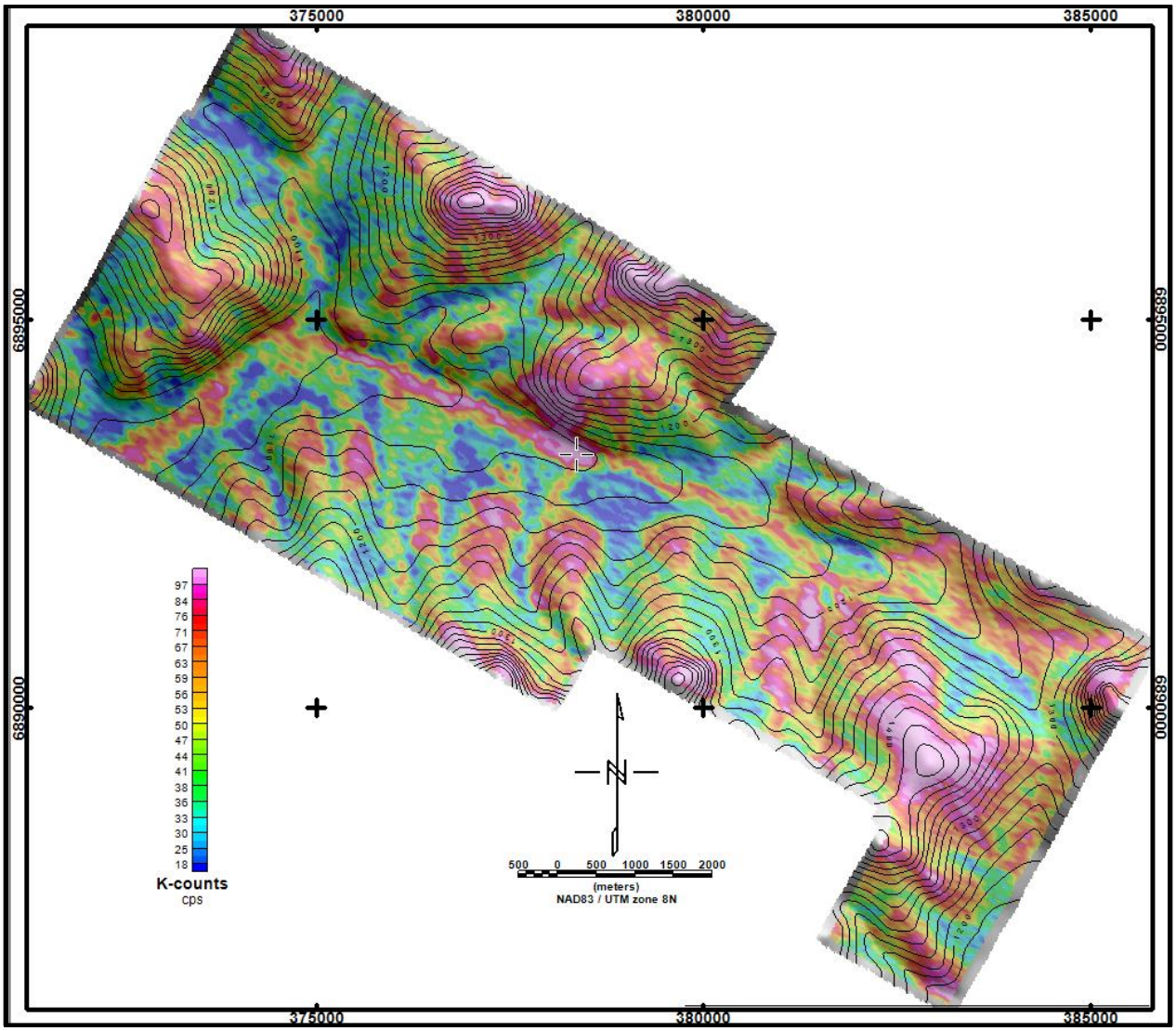

Figure 5. Klaza K grid draped on topography. Higher response locations similar to the TC in Figure 4 are observed.

Figure 6 is the Klaza KUTh Ternary diagram with a cyan, magenta, and yellow color scheme (CMY) used for Th, K, and U respectively. The dark tones in this image are higher cumulative KUTh counts, the whiter shades are lower counts. Arrow 1 points out the obviously higher radiometric response on the mountaintop on the grid north. Arrow 2 points out the higher radiometric response in the main E-W drainage channel previously mentioned for Figures 4 and 5 below breccia and porphyritic rocks on the grid north. Arrow 3 points out a larger elevated ternary response that straddles a hilltop and its lower elevation northern slope, including the Klaza Au zone. Arrow 3 also highlights what looks like the eastern side of a larger annulus-shaped elevated radiometric response. The annulus may at least in part be a topographic effect as the less radioactive center, highlighted by the white shades, tracks a north-flowing drainage channel on the hill slope flanked by N-S ridgelines.

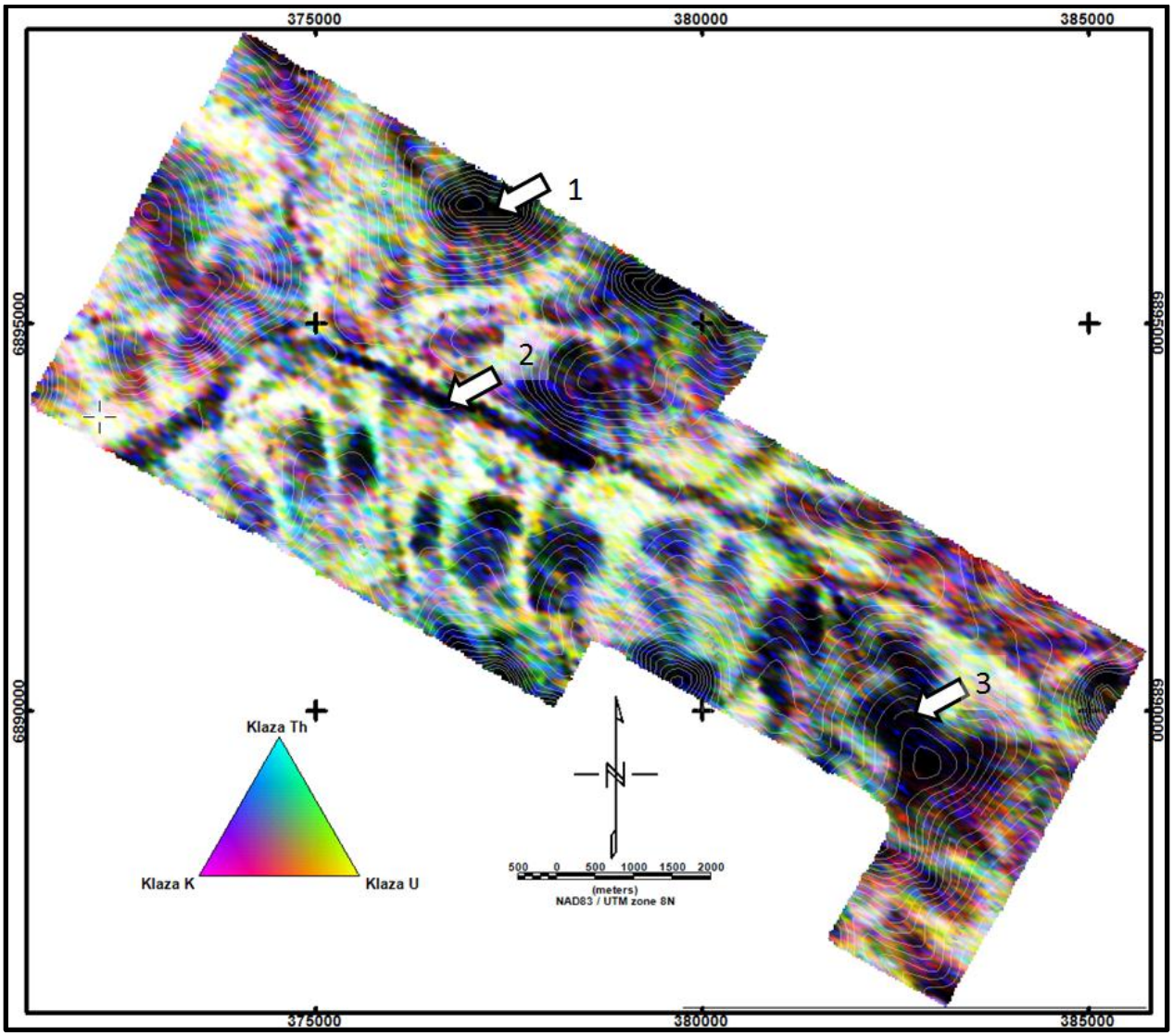

Figure 6. Cyan, Magenta, Yellow Th, K,U ternary diagram. The three arrow sites are discussed in the text. Dark shades are relatively more radioactive rocks. Change in radiometric character if not solely due to a change in lithology, may be due to ground moisture levels, vegetation, and flying heights. The contours on the image are topography.

The merged U and Th maps show less detail than do the TC, K, and ternary grids so are not shown but are provided as gridded and Geotiff products.

Klaza Data Interpretation

Grid-Wide Responses

Figure 7 is a basic bedrock geology map derived from Gordon and Makepeace (1999). The survey grid is predominantly Cretaceous granodiorite, with andesite, dacite, and rhyolite porphyry on the grid northern, eastern, and southeastern periphery. One small outcrop of Jurassic rhyolite is mapped on the grid NE.

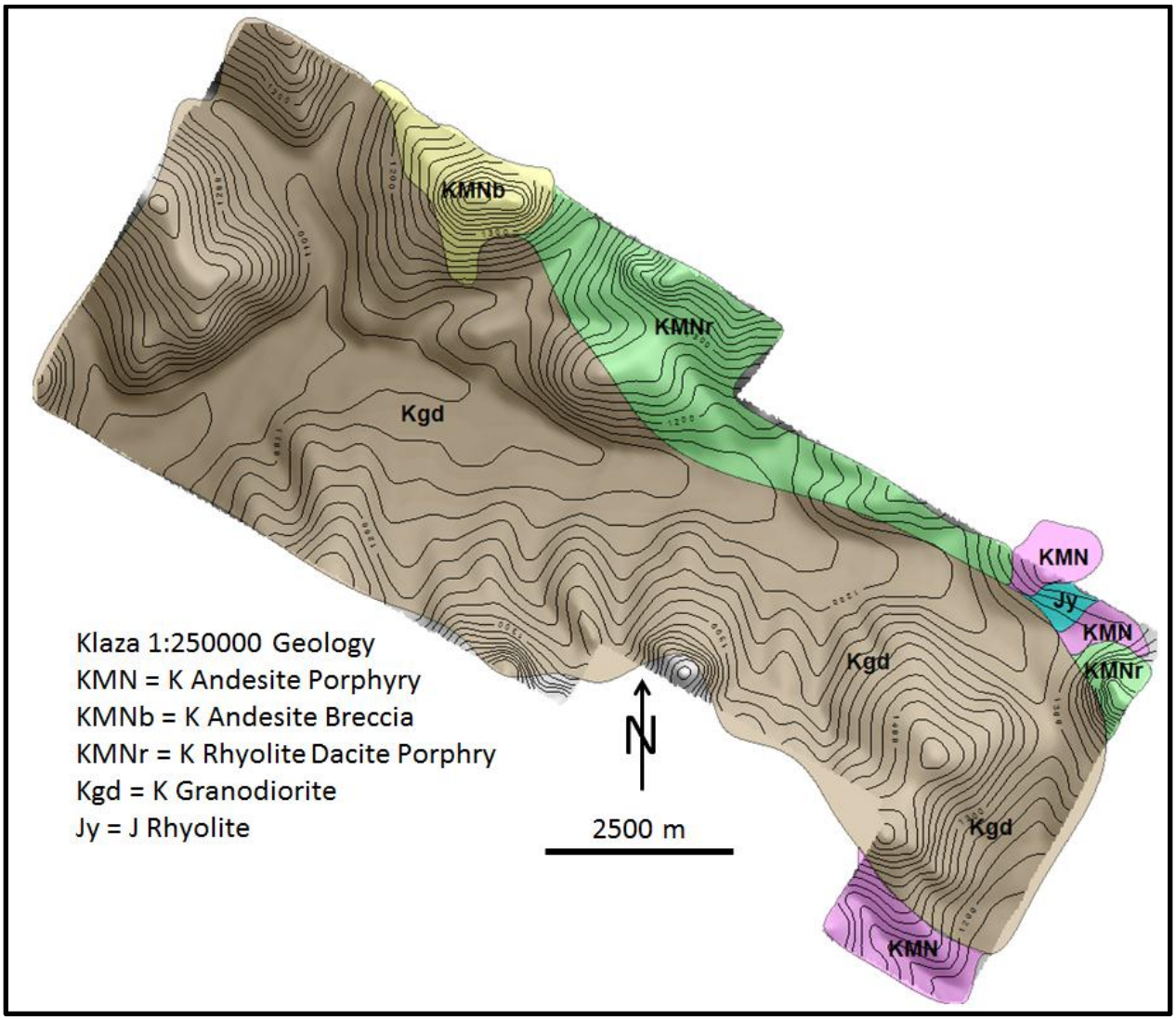

Figure 7. Basic geology map of the Klaza grid from Gordon and Makepeace (1999). This is a coarse geology map and may not well define detailed lithology on the grid, particularly in the main granodiorite Kgd.

Figure 8 is a map of the TMI-RTP data with a basic magnetic linear interpretation in white line with the supplied 81 Rockahaven drill holes that had coordinates plotted on the SE of the grid. Holes with what

Rockhaven call “Significant AU” intersections are colored red and outlined by the black box. Rockhaven’s website describes the SE Klaza grid mineralized zone as follows (http://www.rockhavenresources.com/s/Klaza.asp)

“*four parallel 1 to 75 m wide, structural zones of epithermal to mesothermal type gold-silver mineralization. All zones consist of quartz-sulphide veins, breccias and fracture networks that are spatially associated with quartz-feldspar porphyry dykes that intrude granitic country rocks. The zones exhibit exceptional lateral and down-dip continuity and collectively define a 1500 m wide, northwesterly trending structural corridor.*”

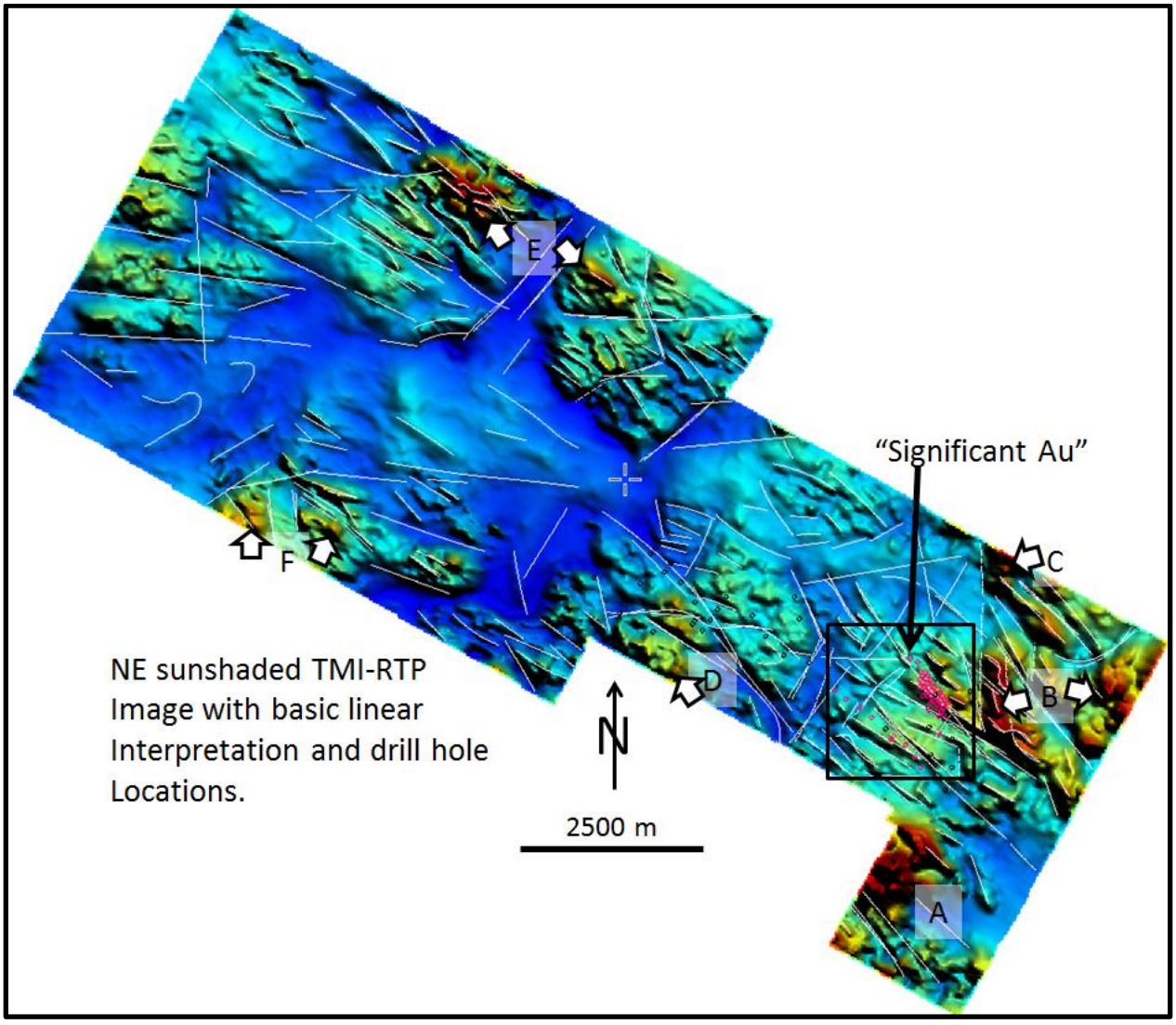

Figure 8. TMI-RTP image with basic linear interpretation in white line. The black box contains drill holes with Au intersections described as “significant” by Rockhaven. The sites at letters A-F are discussed in the text.

The four Klaza grid zones from south to north are BRX, Herc, BRY, and Klaza. The northern Klaza zone highlighted by the densest drill hole cluster (red colored collars) has returned the most holes with

elevated AU assays. NW-SE trending magnetic linears are evident in this mineralized zone and will be discussed in more detail in a later section.

As mentioned the dominant magnetic texture on the survey grid is NW-SE, parallel with lithology Kgd, though the NW-SE linears can have different NW-SE strike angles at different locations. E-W striking linears generally occur on the west and south-central grid areas. NE-SW striking linears occur on the grid north, grid far-west and this strike direction is also evident in the larger lower elevation valleys on the grid.

Beside magnetic structure the TMI-RTP image highlights zones of elevated RTP response that may be lithologic in origin as seen at sites A-F in Figure 8. At site A on the grid SE, a mountain top returns a semicircular RTP response with the highest amplitude on the grid. This RTP high response is near the Kgd granodiorite contact with porphyry unit KMNr. At site B two zones of elevated RTP response are identified, to the west and east of the letter B as pointed out by the two arrows. The western band of NNW-SSE striking elevated RTP response is an en-echelonmagnetic structure in granodiorite located ~ 775 m due west of the Klaza zone Au-intersecting drill hole cluster. The magnetic band is situated on the NE slope of a hill and likely to be lithologic or structural in origin. The eastern RTP response pointed out for site B is on a mountain top on the grid edge in mapped porphyry. At Site C elevated magnetization is identified to the west of C, in porphyry KMN. At site D elevated magnetization has been drilled near a granodiorite-porphyry contact without any holes reporting significant Au assays. At site E higher magnetization is mapped on the west of the E, in the breccia unit KMNb, than is mapped to the east in dacite porphyry unit KMNr. The magnetic signature over KMNb is the highest amplitude on the grid after site A. At site F elevated RTP is mapped in granodiorite.

Figure 9 is a plot of the TC radiometric channel draped on the NE sun shaded magnetic gradient relief. The same TMI-RTP linears are plotted on this image along with the site locations A-F seen in Figure 8, along with three additional TC sites G, H and I. At site A low to moderately elevated TC is observed over the strong RTP response, the higher TC numbers are ~500 m to the east of the RTP high. At site B, a low TC occurs over the higher western RTP signature, but a high TC is observed over the higher RTP over the porphyry on the NE grid edge. At site C low to moderate TC occurs over the elevated RTP over the porphyry. At site D, a high TC, that is coincident with high RTP, is noted SSE of the Au-barren drill holes. At site E, a strong TC is coincident with the strong RTP signature on the west over breccia, and a

moderate TC occurs to the east over dacite porphyry KMNr. At site F lower TC counts occur over the easternmost RTP high, while low to moderately elevated TC occurs over the western RTP high. At site G two elevated TC signatures occur over two N-S trending ridgelines that straddle a north-flowing drainage channel. At site H an elevated TC response is located just to the east of the "H" on the south flank of the hill that rises up to the dacite porphyry on the east side of site E. This TC anomaly may contribute elevated TC detritus into the E-W drainage below it. Perhaps the most significant TC signature occurs at site I in the black rectangle on the grid SE where "significant Au" has been intersected in several drill holes. The I is centered on an annulus-shaped TC signature, the ESE of the annulus has some of the highest total counts on the grid. Some of the elevated TC are coincident with NW-SE striking TMI-RTP linears with drill holes that intersected elevated Au. Some of the NW-SE striking RTP linears are several

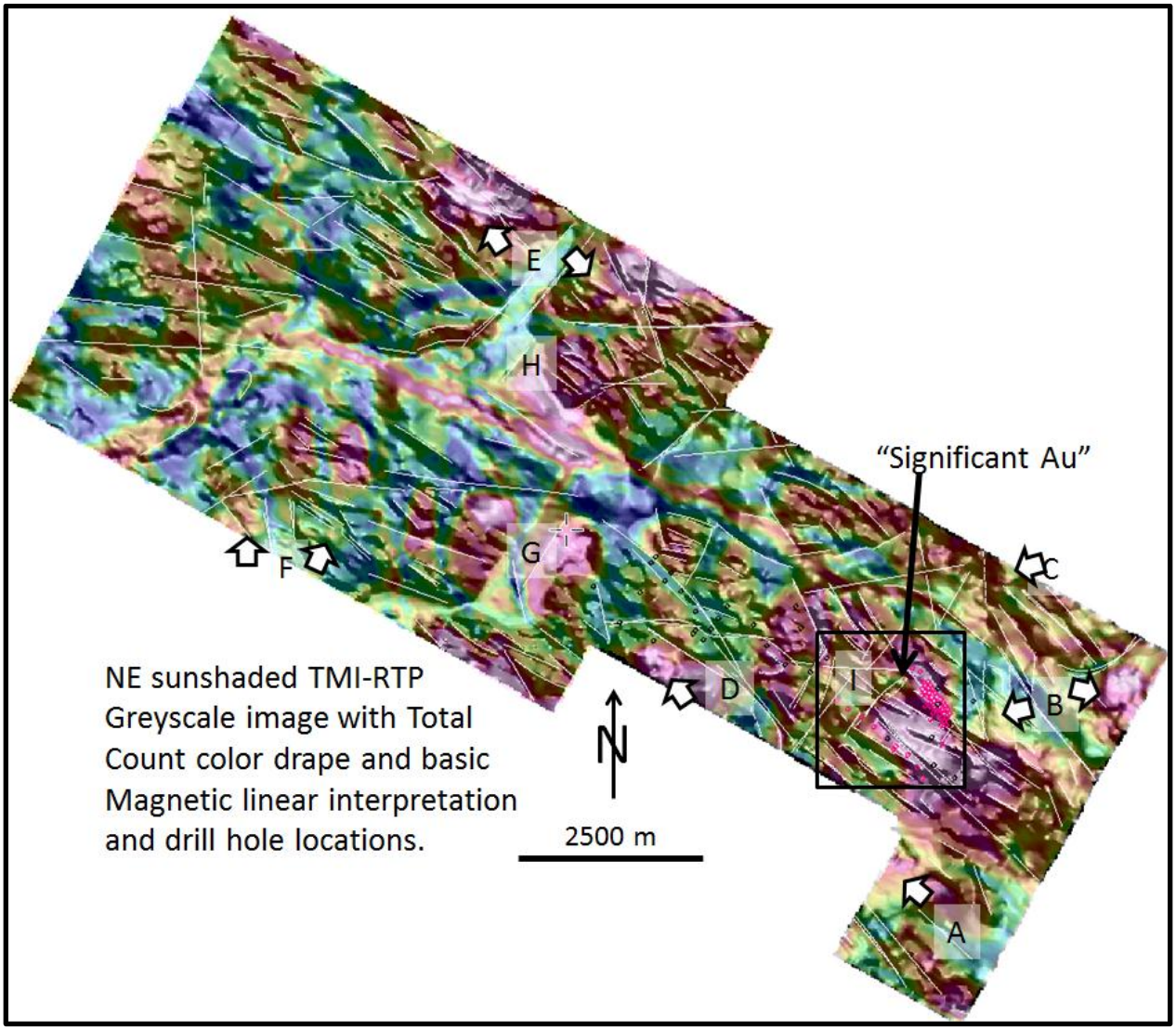

Figure 9. TC radiometric image draped on TMI-RTP NE sun shaded image. Sites A-I are discussed in the text.

km long, whereas the coincident TC signatures may be 1-2 km long maximum. These will be studied in more detail in a following section.

Local Klaza Au Zone Responses

Figure 10 is a zoom-in on the TMI-RTP image with the red colored drill holes identifying holes that return elevated Au assays. Rockhaven's four mineralized zones are identified in the image. The Klaza Au-drill

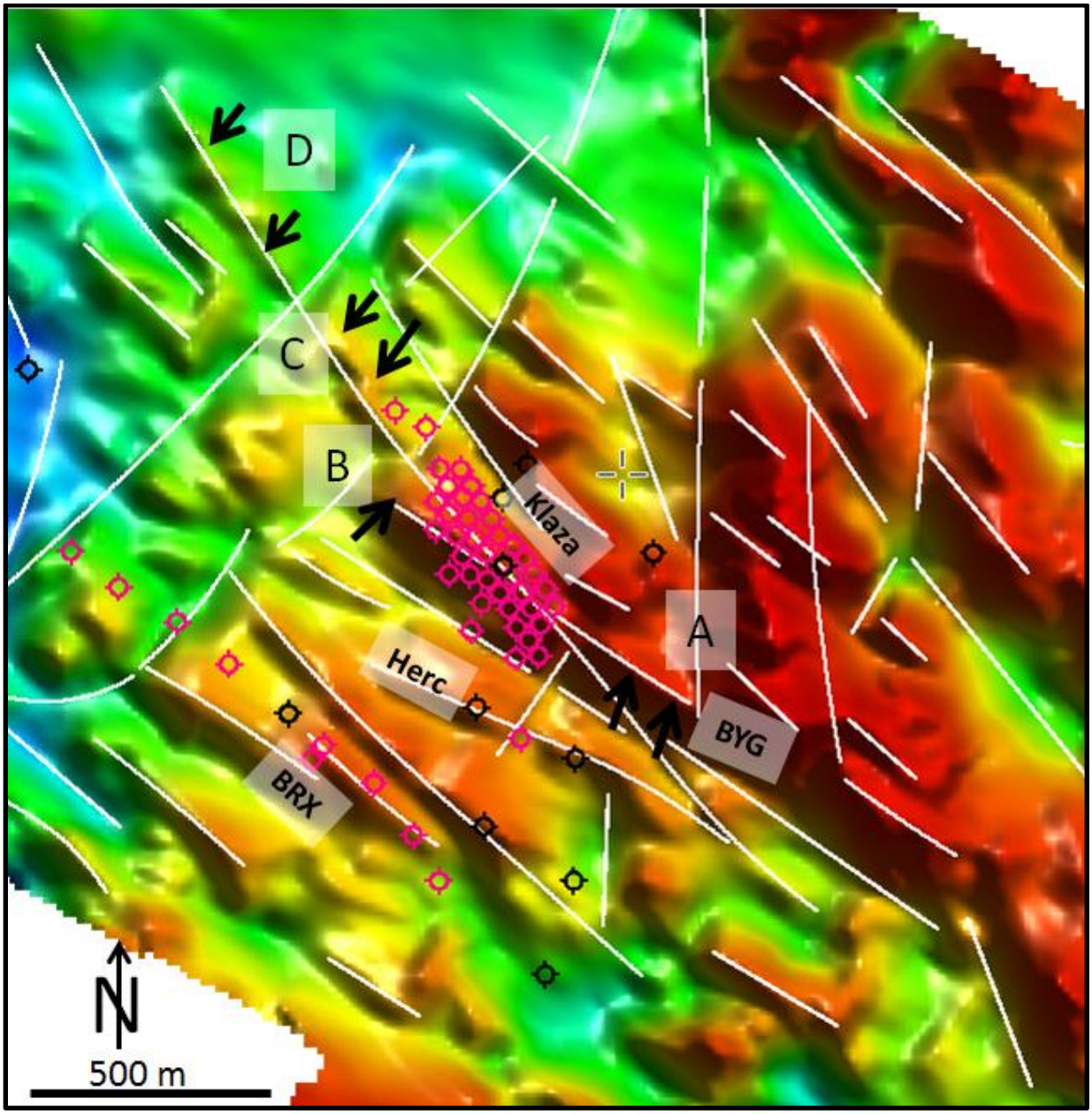

Figure 10. NE Shaded TMI-RTP with Rockhaven drill holes and local magnetic trends in white. Red holes return significant Au assays.

trend is sub-parallel to the southern limb of a V-shaped RTP high signature where the V is open to the NW. The two north-pointing arrows at site A locates the undrilled “hinge zone” of the V-shaped RTP signature, specifically the western side of the southern magnetic limb that extends for at least 450 m to the ESE away from the nearest drill hole in the Klaza trend. Site B identifies the western undrilled end of the southern RTP limb that extends ~ 250 m westward from the nearest on-strike hole. The southern limb of the Klaza RTP signature is bisected by a more steeply NW-SE striking, lower amplitude and longer RTP linear pointed out by the arrows at sites C and D in Figure 10. The two Au-intersecting drill holes KL-11-34 and KL-11-36 (red circles) are located a few tens of meters east of this RTP linear at site C. This linear can be traced for ~ 1200 m to the NW of the two holes. The linear is crosscut by relatively demagnetized NE-SW striking RTP signatures with unknown mineralization relevance.

Figure 11 is a zoom of the RTP-tilt. The TA structural linears show high tilt angles as solid traces and low tilt angles as dashed traces. Low tilt angles are low gradient zones away from more-magnetic edges or horizons that plot at higher angles. Higher tilt angle focus sharply on linear magnetic edges and horizons, ideally a 90 degree tilt would be centered over the magnetic source. At site A the magnetic “hinge zone” has split into two signatures, on the east into a tighter V-shaped signature centered on the Au-intersecting drill holes, and on the west into a discrete NW-SE striking linear segment of what is called the “southern limb” in Figure 10. The signature at site A is the southern bound of a series of en-echelon NW-SE striking RTP highs that defined the northern limb of this as an RTP signature in Figure 10. This second NW-SE striking “north limb” of stacked RTP highs was drilled by holes KL-10-01, KL-10-02 and PDH-11-21. Their black collars indicate that they did not intersect significant Au. Hole PDH-11-21 appears to be drilled north of the RTP-tilt high.

At site B the NW extension of the V-signature southern limb persists. At site C a Z-shaped magnetic horizon occurs a few tens of meters to the WNW of holes KL-11-34 and KL-11-36. The larger regional TA linear that bisects the Klaza Au zone extends for more than three km from SE of site A to NW of site D. At Site E the BRX zone is seen to be comprised of two NW-SE striking RTP-tilt highs, with most of the Au-intersecting drill holes being collared on the southern high drilled into the RTP-tilt low sandwiched between the two highs. The general TA texture of the Klaza Au zone is NW-SE striking, with NE-SW crosscutting diagonal TA lows to the WSW. Discrete NW-SE striking TA highs are identified for all four mineralized zones, Klaza, BYG, Herc, and BRX. The Herc zone is aligned along a magnetic linear, the one Au intersection returned from the three holes drilled there is located on a magnetic amplitude drop-out

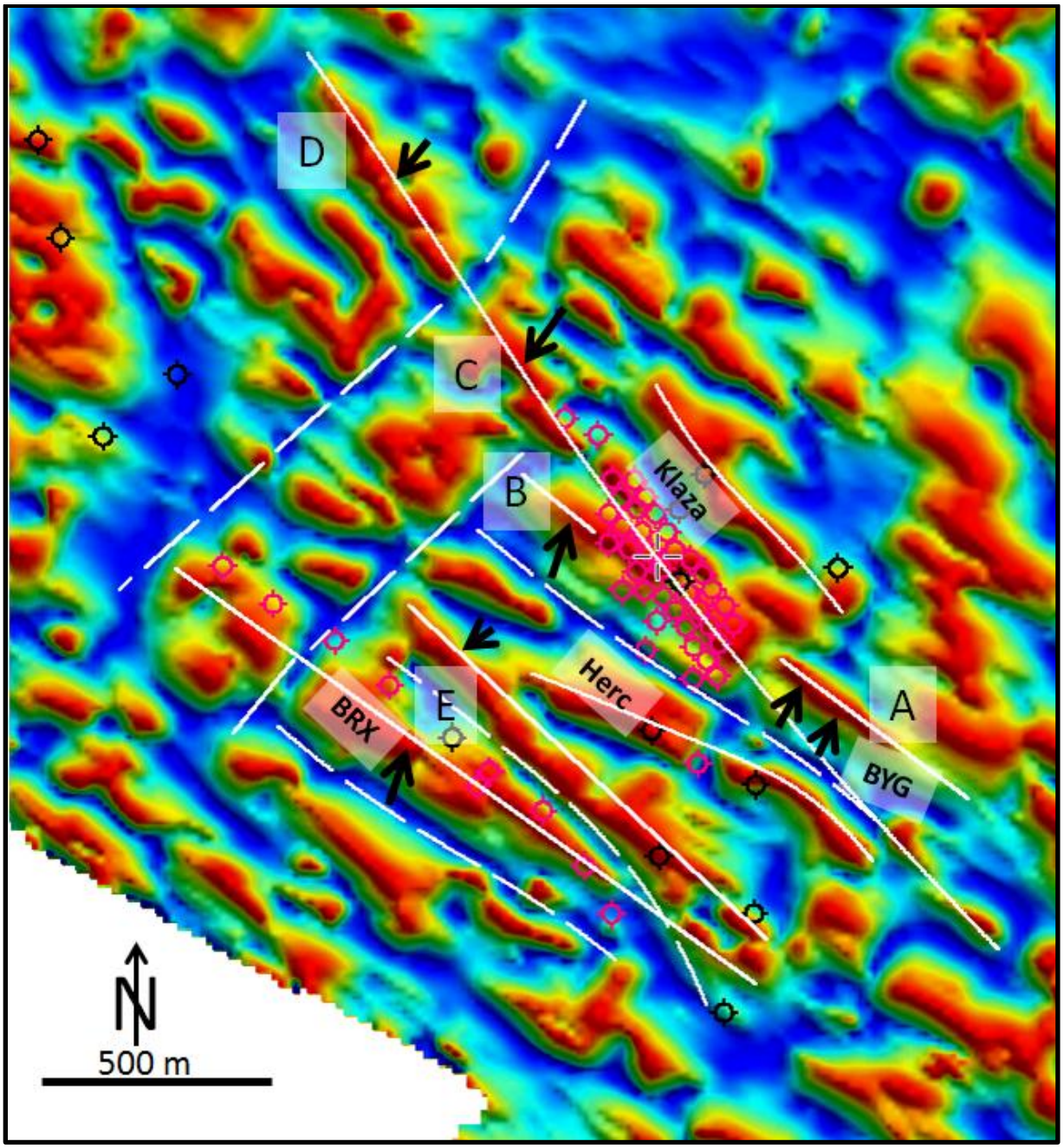

Figure 11. NE Shaded RTP-Tilt with Rockhaven drill holes and local magnetic trends in white. Red holes return significant Au assays. Solid lines are high TA, dashed lines are low TA.

that disrupts the linear. The magnetic drop-out is coincident with a break where a high TC to the WSW abruptly drops down in count number to lower TC to the ENE.

Figure 12 is a drape of the TC on the NE sun shaded greyscale RTP gradient image. The TC response is similar to the K response but is an order of magnitude higher in count. A strong NE-SW striking TC signature is coincident with the Au-intersecting drill holes. The site A south limb magnetic signature

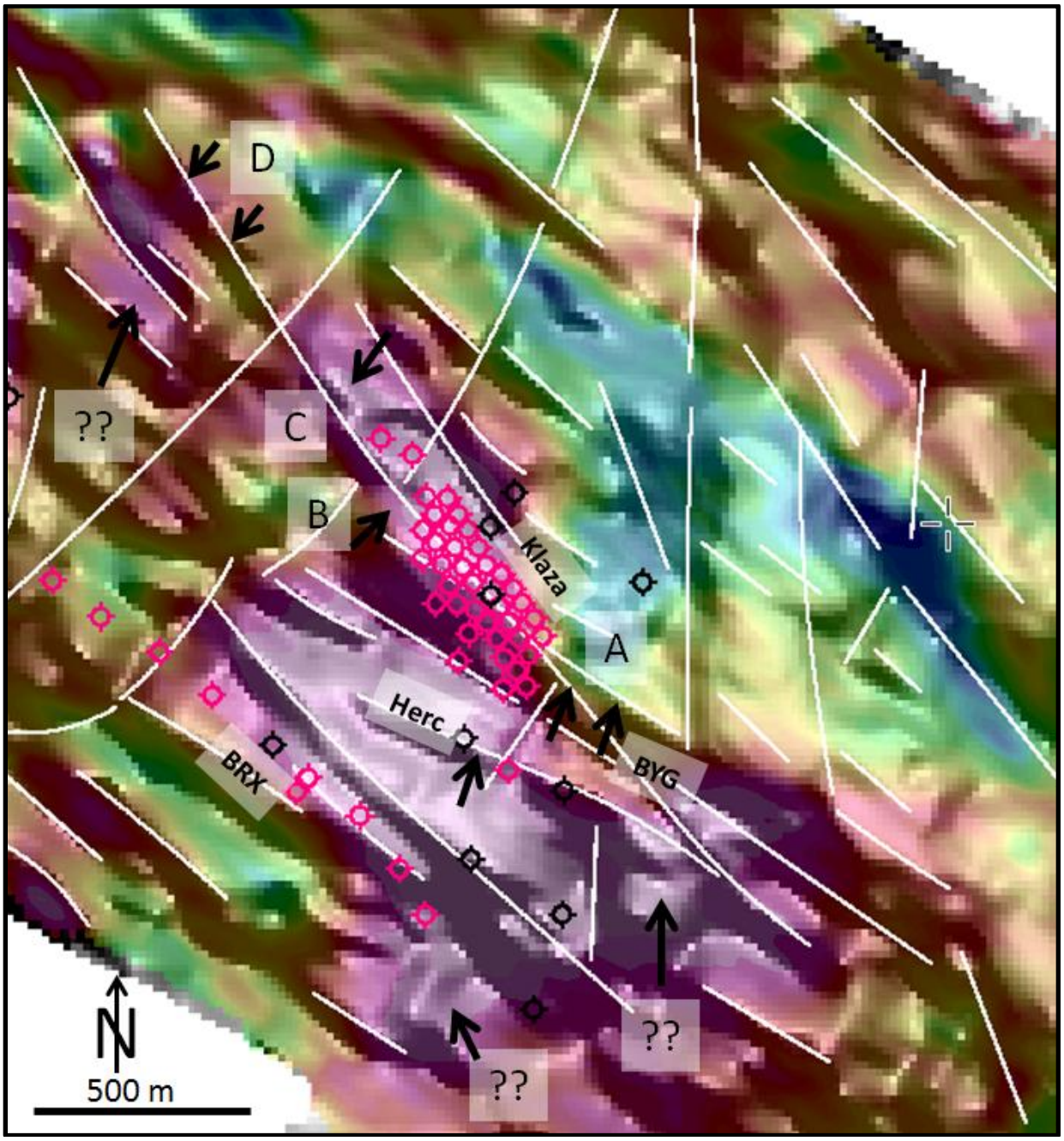

Figure 12. TC image draped on the NE Shaded RTP-Tilt with Rockhaven drill holes and local magnetic trends in white. Red holes return significant Au assays. The question mark arrows point out undrilled TC anomaly zones.

to the SE of the drill holes has a lower TC, i.e. the TC drops out in count here. The westward extension of the southern limb at site B has higher TC that might indicate higher prospectivity if K counts are correlated with Au. At site C the higher TC coincident with the Au-drill holes extends strongly NW for ~ 450 m past Au-intersecting drill holes KL-11-34 and KL-11-36 perhaps indicating increased prospectivity

in this TC zone. Higher TC is also mapped at site D on the far NW extension of the ~ 3 km TMI-RTP signature that bisects the Klaza Au zone.

The BRX zone is aligned on the southern edge of the large TC high, and returns Au intersections in most drill holes. BRX is sub coincident and generally to the north of the peak response of a NW-SE striking magnetic linear, that marks an abrupt break between a large zone of higher TC and K counts to the NNE, and a zone of lower counts to the SSW. A large area of higher TC occurs between the BRX zone and BYG zone, centered on the Herc zone. The zone has a similar-sized higher K-count signature; perhaps indicating this is a zone of potassic alteration. The elevated Klaza TC and K signature strikes NW out of the larger "radiometric blob" centered on the Herc zone. Holes KL-11-48, KL-10-06, KL-10-08, KL-10-09, KL-10-11 drilled into the larger radiometric zone did not return Au, so at face value it appears the higher radiometric – Au correlation doesn't hold fully in this zone. Herc hole KL-11-51 was the one hole into the central radiometric zone that returned Au. Regardless, the four "??" radiometric sub-zones pointed out in Figure 12 are zones of high TC that have not been drilled. As some higher TC and K count areas are coincident with higher Au zones and some are not, the correlation between Au intersections and increased radiometric counts appears to be locally controlled by unmapped (in Figure7) geologic features in the granodiorite.

Klaza Target Zones

Ten Target Zones (TZ) have been identified on the grid and these are traced in black in Figures 13 and 14. Elevated TMI-RTP signatures, particularly those that had a TMI-RTP gradient structure when sun shaded, were the main criteria for delineating the 10 TZ as magnetic contact or horizon structural control possibly occurs in the Klaza Au zone. Increased TC and K counts were less of a priority for TZ creation, though elevated TC and K occur is some zones. The sites A, B, and C in Figure 13 have elevated magnetic responses but were not included in the TZ. Any geologic information that increases interest in these areas could elevate them to TZ status; site A for example is a porphyry area. Likewise, site A, B, C, D and E in Figure 14 have elevated total counts but were not included in the 10 TZ. TZ8 and TZ9 near a porphyry and breccia respectively might be extended to include nearby higher TC zones if field recon infers the high TC areas to be prospective. Any geologic information that increases interest in any excluded areas could elevate them to TZ status. Site A is on the NW gap between the Klaza and Brx zone. The high TC at site C is below a porphyry contact, the high TC at site D is in the same porphyry. The TZ are meant to be more of a field reconnaissance guide rather than a targeting guide, though magnetic

and radiometric signatures in TZ3 that include Klaza Au zone extensions could be used for drill sighting if it's though there is a link between the magnetic structure, higher radiometric counts, and Au intersections. Solid body modeling (2.5D) of the magnetic response using ModelVision Pro™, which was not undertaken for this report, is recommended before drill targeting. Table 1 provides geophysical parameters and priority for the 10 TZ.

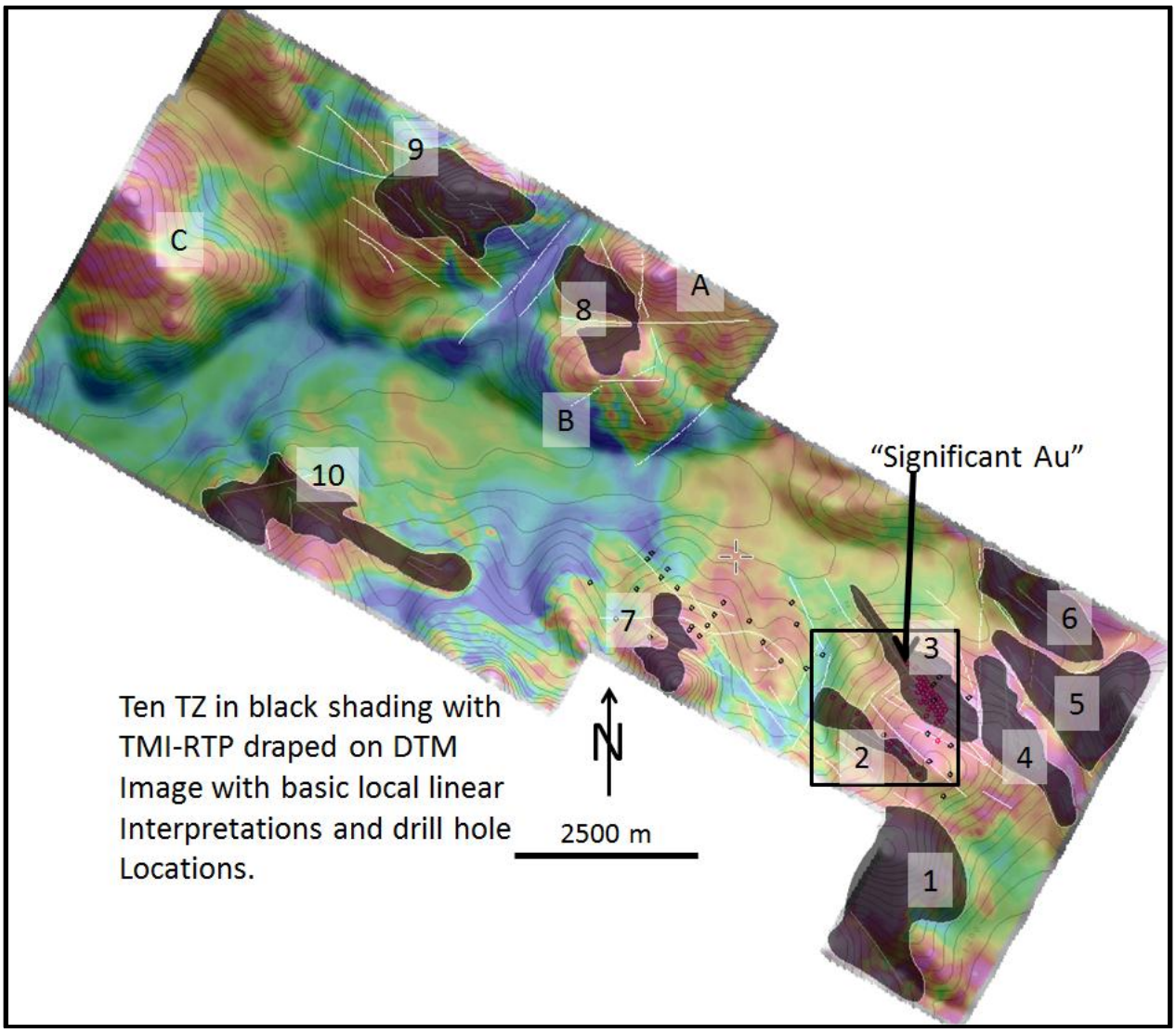

Figure 13. The 10 TZ in shaded black outline superimposed on the TMI-RTP image with the more prominent local linears drawn in white and the drill hole collar locations plotted as circles. Red collars are for Au-intersecting holes, black collars are for "barren" holes. Letters A-C which at present are not TZ are discussed in the text. The 10 TZ parameters and qualities are listed in Table 1.

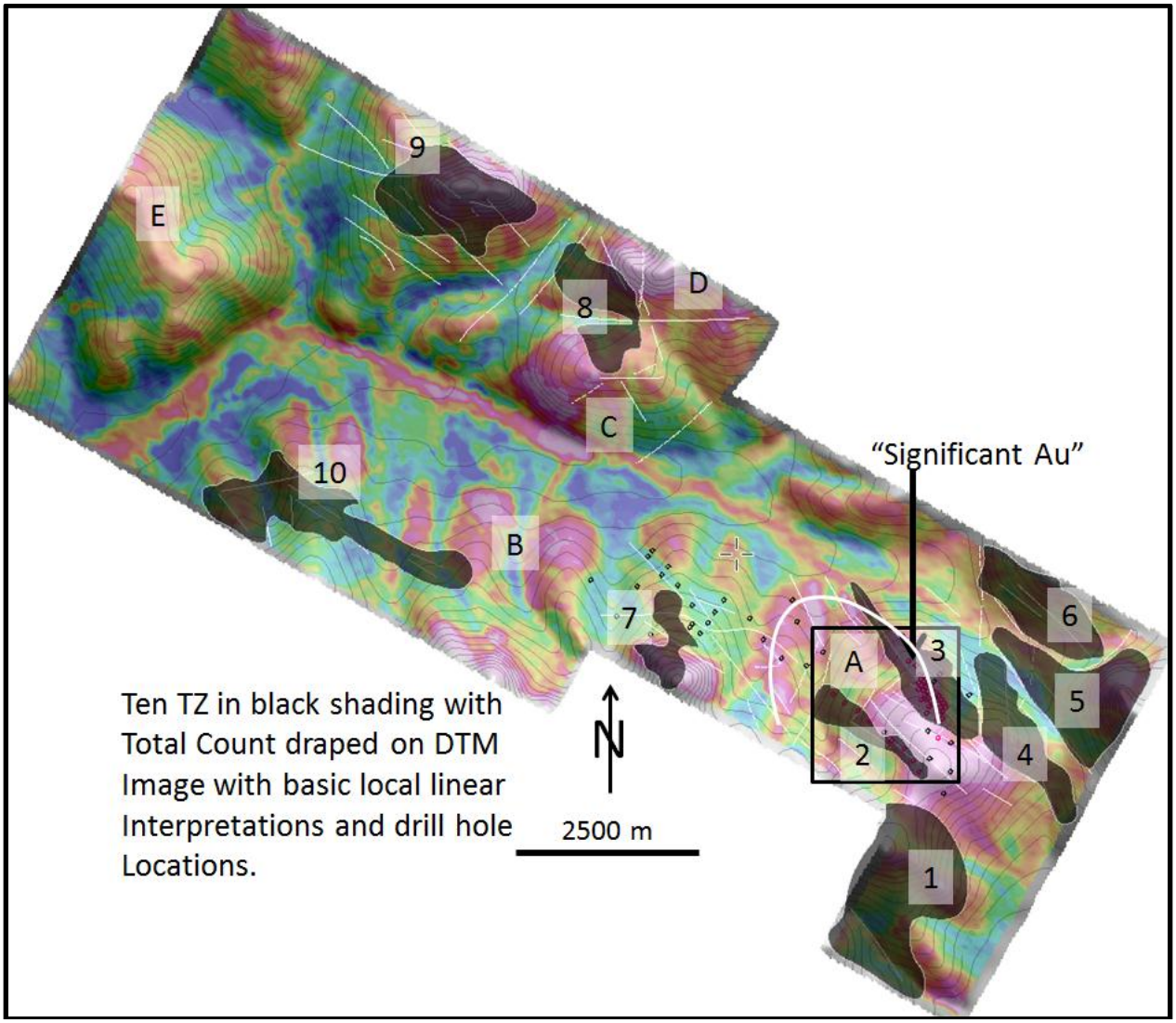

Figure 14. The 10 TZ in shaded black outline superimposed on the TC image with the more prominent local linears drawn in white and the drill hole collar locations plotted as circles. Red collars are for Au-intersecting holes, black collars are for "barren" holes. Letters A-E which at present are not TZ are also discussed in the text. The 10 TZ parameters and qualities are listed in Table 1.

Table 1. Proposed Klaza reconnaissance sites based on higher RTP amplitude and TC counts

TZ	X	Y	DTM	Terrain Relief	Geology	Magnetization Amplitudes	Potassium Counts	Notes	Priority	Rank
1	382428	6888152	1449	Mountain top and eastern slopes	Granodiorite contact with porphyry: Near Kgd-KMN contact area	High, particularly on mountain top	Moderate on east slope	Highest amplitude RTP signature with lower coincident TC	Moderate	6
2	381868	6889819	1329	Mountain top and western slopes	Granodiorite Kgd	Lower to moderate, strong NW-SE linear structure	Abrupt K High-low break Straddles SW edge of strong higher counts over mountain top	NW_SE magnetic linear coincides with abrupt break in TC high. Has been drilled so lower priority. Recommend further drilling mag linear	Low	4
3	382436	6890755	1315	NNW hill slopes	Granodiorite Kgd	Lower to moderate, V-shaped structure	Strong K counts, strike NW down mountain slope	Elevated K coincident with NW-SE striking magnetic structure and Au inter-sections. Interesting undrilled zones to NW and SE.	High	1

TZ	X	Y	DTM	Terrain Relief	Geology	Magnetization Amplitudes	Potassium Counts	Notes	Priority	Rank
4	383758	6889519	1366	Hill slopes on NE of peak	Granodiorite contact with porphyry: Near Kgd-KMN contact area	High Amplitude N-S striking, en-echelon structure	Lower amplitude, highest counts on eastern hill slope	An interesting, higher-amplitude , N-S striking en-echelon magnetic structure	Moderate	5
5	385088	6890257	1488	Mountain top and its western slopes	Porphyry contact with granodiorite: Near Kgd-KMN contact area	High amplitude on mountain top	High amplitude on mountain top and north slope	Coincident higher RTP and TC over mountain top on porphyry contact	Moderate	8
6	384302	6890988	1274	Slopes and drainage area on south side of mountain to north	Porphyry and rhyolite contact area with granodiorite: Near Kgd-KMN-Jy contact area	Higher amplitude with strong NW-SE linear	Lower counts	Fairly strong RTP amplitudes and structure with lower TC counts	Moderate	7
7	379620	6890461	1455	Centered on a mountain top, and a strip down its north slope	Granodiorite contct with porphyry: Near Kgd-KMN contact area	Moderate to higher on mountain top	High counts on mountain top	Coincident higher RTP and TC over mountain top on porphyry contact, drill holes outside of TZ are Au-barren	Moderate	10

TZ	X	Y	DTM	Terrain Relief	Geology	Magnetization Amplitudes	Potassium Counts	Notes	Priority	Rank
8	378733	6895310	1282	Straddles a west flowing drainage that bisects a higher northern mountain top from a lower southern mountain top	Mostly porphyry near granodiorite contact, Near Kgd-KMNr contact area	High on north lobe with magnetic structural development	In moderate count zone, with higher counts to north on mountain peak and to the south	High TC and K north and south of the zone may indicate K-alteration? The larger mountain complex containing TZ8 may be worth a look	High	3
9	377040	6896488	1428	Mountain top and its SSW upper slopes	Mostly andesite breccia and porphyry near granodiorite contact area KMNb-KMNr-Kgd	Higher amplitude on south side of mountain peak, has NW-SE structure	High counts on mountain top	Coindicent higher magnetization and K with well-developed NW-SE magnetic structure	High	2
10	374883	6892875	1165	Southern slopes of two mountain tops with N-S ridgelines and drainages	Mostly granodiorite, approaches porphyry contact on the east of the TZ, Kgd-KMNr	Moderate to higher amplitude RTP in 4-5 locations, strong E-W linear on the NW of the zone	Generally lower counts but increases to moderate on the SW of TZ10	An irregular shaped zone drawn to include the more magnetic responses in the TZ area.	Low	9

Klaza Magnetic Classification

The Klaza TMI-RTP response was run through a susceptibility filter and then classified into 10 classes, returning the map in Figure 15. The main purpose of this map is to simplify the magnetic response to more clearly show the areas of lower, intermediate, and higher magnetization. The classification creates 10 "pseudo-lithologies" based on arbitrarily selected calculated susceptibility ranges alone, and may have no relation to "real geology" out in the field, though some high classes appear to at least partially map mountain tops that are porphyries and breccias on the grid periphery. Magnetic responses correlated with flying heights would bias the classification returning higher responses over low-flown mountain tops and lower responses for high-flown valley floors. Remanence could also bias the classification; one example would be areas of remanence that might return negative susceptibilities.

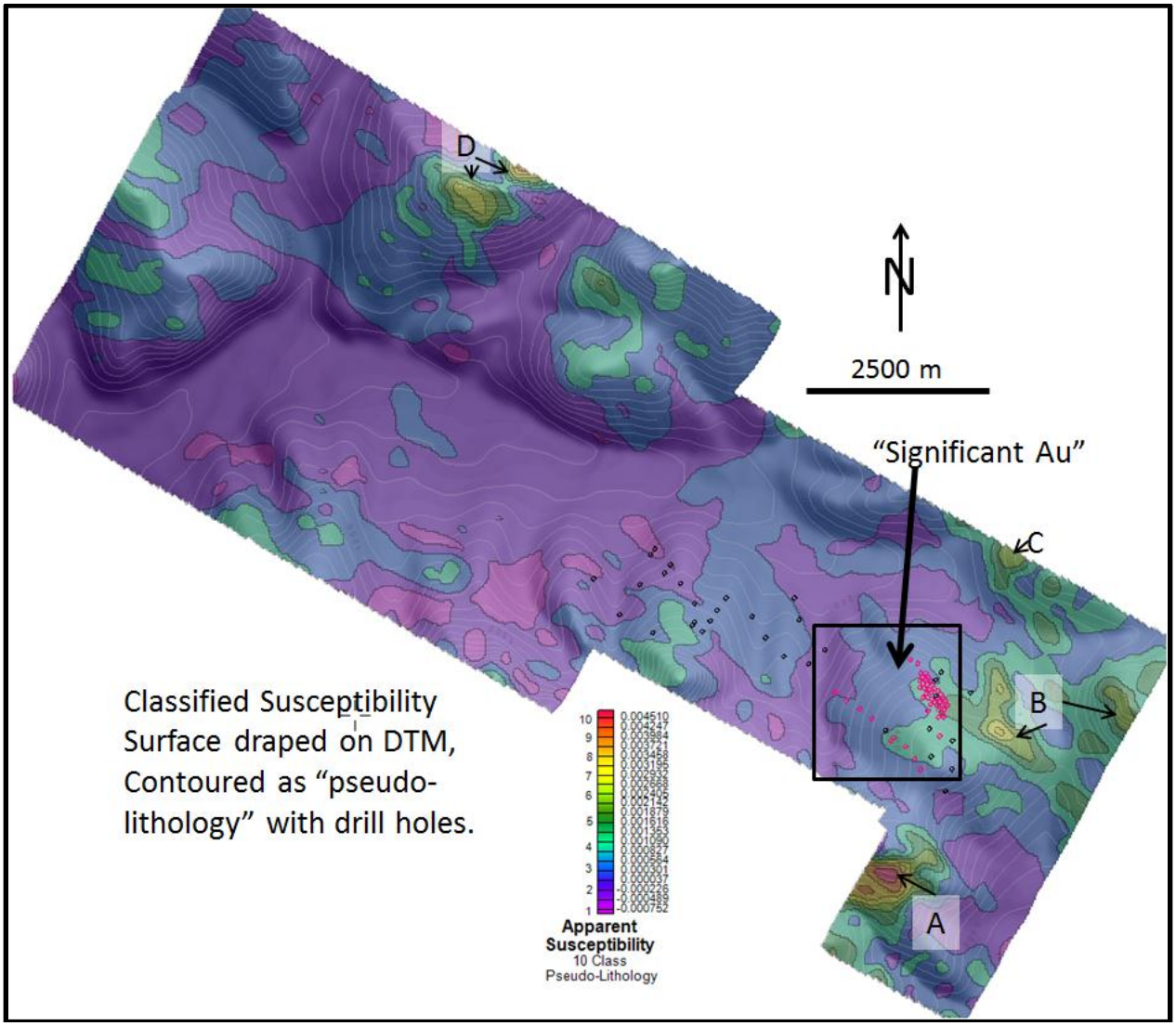

Figure 15. Ten class susceptibility map. Sites A-D discussed in the text.

Table 2. The 10susceptibility class ranges in SI units.

Class	Sus Low	Sus High
1	-0.000883	-0.000324
2	-0.000324	0.000235
3	0.000235	0.000794
4	0.000794	0.001353
5	0.001353	0.001912
6	0.001912	0.002471
7	0.002471	0.003030
8	0.003030	0.003589
9	0.003589	0.004148
10	0.004148	0.004707

The four highest susceptibility class “lithologies” are mapped by the yellow and red shades at sites A, B, C and D. Sites A and D are on mountain tops mapping porphyry and breccia respectively. Site B west as pointed out by the west arrow is on the north slope of a hill and maps an unidentified magnetic lithology or structure in granodiorite. Site B east is on a porphyry mountain top. Site C is on the SW slope of a porphyry hill to its NE. Generally the mountain tops on the grid periphery are mapped by mid to higher susceptibility classes and the lower elevation valleys and drainages are mapped by lower classes. The Klaza drill zone with significant Au assays is located in a mid-level susceptibility class.

Klaza 3D Drill Zone Review

Figure 16 is a SE looking perspective view of the Klaza drill zone with the magnetic 3D voxel isosurface (Li and Oldenburg, 1996) threshold set to an arbitrary higher susceptibility. The four Klaza zone areas are approximately located. The black arrows point out the NW-SE strike directions of the Klaza trend on the north and the BRX trend on the south. The Klaza trend is more steeply NW-SE striking than the BRX

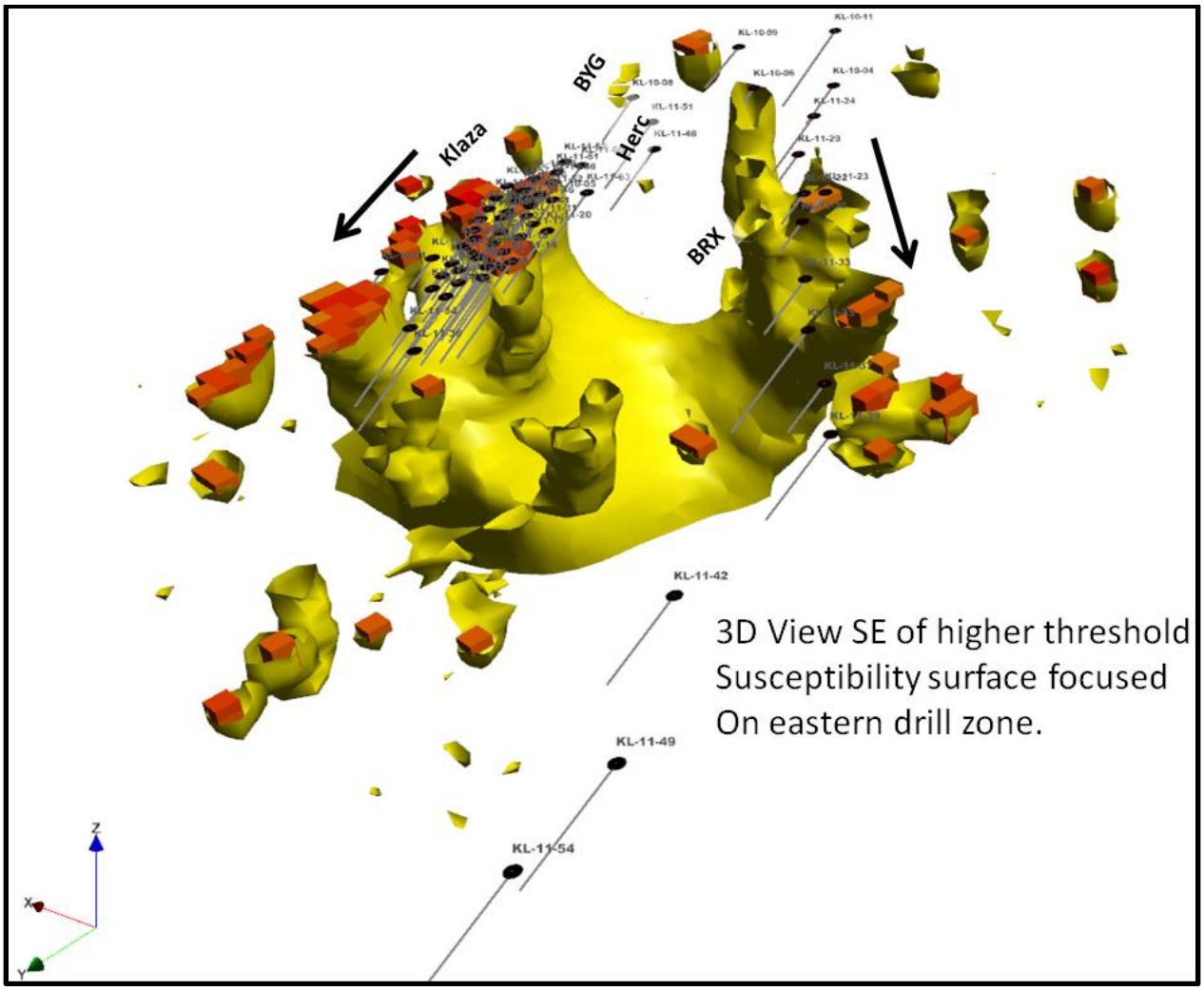

Figure 16. SE looking view of the threshold MAG3D voxel with drill holes plotted. The Klaza and BRX zones are both associated with NW-SE striking magnetic ridges. Arrows point out the ridge strikes to the NW.

trend. Both trends generally appear to be defined by parallel magnetic horizons, with the Au-intersecting drill holes generally being collared on the southern horizon with the drill traces dipping into the relatively less magnetic central area between the two NW-SE striking horizons. This is not always the case though, as some BRX holes intersect the northern magnetic horizon at depth, and some of the more eastern Klaza holes are drilled into the southern magnetic horizon, as defined by the arbitrary threshold used in this example. Modeling the magnetic response with a 2.5D solid body such as a plate would better define the magnetic body geometry and susceptibility for drill targeting.

Figure 17 is a 2nd SE-looking perspective of the 3D susceptibility voxel. The two SE-NW pointing thin arrows, yellow in Klaza and black in BRX, highlight the central magnetic gap area sandwiched between the enclosing northern and southern magnetic horizons in both trends. With the arbitrarily threshold 3D

voxel model used these enclosing magnetic linears appear as vertical magnetic apophasis with a "magnetic valley" between the apophasis. As mentioned 2.5D plate modeling would help resolve the "real" magnetic horizon geometry in the Klaza Au zone for future drill targeting based on the magnetic response.

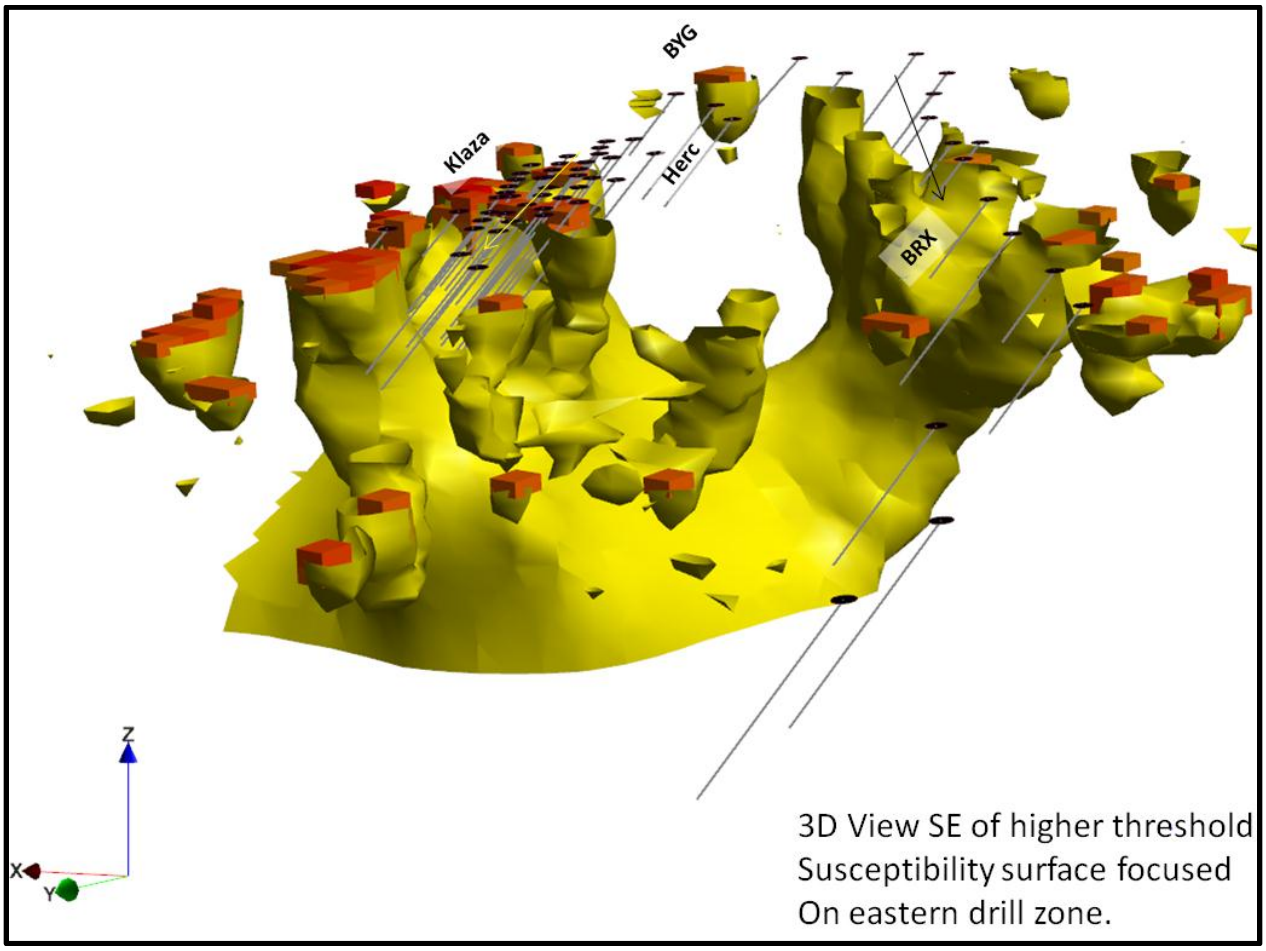

Figure 17. SE looking view of the threshold MAG3D voxel with drill holes plotted. Generally, the Klaza and BRX zones both appear to be drilled into a less magnetic central zone that is sandwiched between more magnetic NW-SE striking linears.

Conclusions

The Klaza magnetic and radiometric data were reviewed. A basic magnetic linear interpretation identifies a general NW-SE striking magnetic texture with secondary E-W and tertiary NE-SW striking linears. A magnetic susceptibility classification maps 10 classes as "pseudo-lithology" that identify zones of varying background magnetization on the grid. The higher susceptibility zones generally coincide with mapped porphyries and breccia zones on the grid edge that surround the central granodiorite that is the background lithology for most of the grid. Higher TC and K counts also occur over the porphyries and

breccia on the grid periphery. The highest levels of magnetization in the central granodiorite occur ~ 750 m east of the Klaza Au zone.

A focused magnetic and radiometric study infers that the Klaza Au mineralization may be structurally controlled by magnetic horizons coincident with higher TC and K-counts. Discrete magnetic linears are identified for the Klaza, BYG, Herc, and BRX zones. There is a strong correlation in the Klaza Au zone between a V-shaped magnetic structure and elevated TC and K counts. Threshold voxel 3D views infer that the Au intersecting Klaza and BRX drill holes are generally, but not always, drilled into a less magnetic central area sandwiched between more-magnetic NW-SE striking magnetic linears.

Ten proposed TZ are identified for field follow-up investigation. The TMI-RTP data were primarily used for drawing in the TZ, some TZ have elevated TC and K counts that may increase their priority. TZ3 that contains the known Klaza Au mineralization is the highest priority follow-up target. Solid body 2.5D inversion modeling of the magnetic response is recommended before the drilling of any magnetic signatures.

Respectfully Submitted,

Ed Cunion
May 4, 2012

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APPENDIX X

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

2011 Diamond Drilling Standard and Blank Results

Certificate	Sample	Batch	Type	Au (g/t) AU-AA24	Ag (g/t) OG-46	Pass/Fail	Re-run	Re-run #2	Pass/Fail
KL-11-12									
WH11118000	K271007	1	Blank	<0.005	<1	Pass	<0.005		Pass
WH11150834	K271017	1	standard: CDN-ME-16	1.345	30	Pass	1.52		Pass
	K271022	1	Blank	<0.005	<1	Pass	<0.005		Pass
	K271029	1	standard: CDN-ME-16	1.25	30	Fail	1.495		Pass
WH11126584	K271044	2	Standard: CND ME-16	1.63	30	Pass			
	K271048	2	Blank	<0.005	1	Pass			
	K271055	2	Blank	<0.005	1	Pass			
	K271063	2	Standard: CDN-ME-16	1.52	31	Pass			
WH11119965	K271074	3	Blank	<0.005	1	Pass			
WH11143175	K271082	3	Standard: PL-2	3.25	419	Fail	435		Pass
	K271099	3	Blank	<0.005	1	Pass			
	K271103	3	Standard: CDN-ME-16	1.705	31	Fail			
WH11119964	K271113	4	Blank	<0.005	<1	Pass	<0.005		Pass
WH11143333	K271121	4	Blank	<0.005	1	Pass	<0.005		Pass
	K271132	4	Standard: CDN-ME-16	1.18	30	Fail	1.525		Pass
	K271138	4	Standard: CDN-ME-16	1.61	31	Pass	1.47		Pass
WH11121128	K271146	5	Standard: CDN-ME-16	1.505	31	Pass			
KL-11-13									
WH11118001	K271303	1	Blank	<0.005	<1	Pass			
	K271309	1	Standard: CDN-ME-16	1.525	31	Pass			
	K271323	1	Blank	<0.005	<1	Pass			
	K271332	1	Standard: CDN-ME-16	1.39	28	Pass			
WH11124936	K271342	2	Blank	<0.005	<1	Pass			
	K271348	2	Blank	<0.005	<1	Pass			
	K271355	2	Standard:	1.54	30	Pass			

			CDN-ME-16						
			Missing a standard?						
WH11126580	K271376	3	Blank	<0.005	1	Pass	<0.005		Pass
WH11150835	K271381	3	Standard: CDN-ME-16	1.26	33	Fail	1.34		Pass
	K271388	3	Blank	0.06	<1	Pass	<0.005		Pass
	K271402	3	Standard: PL-2	3.34	420	Pass	3.26		Pass
WH11124938	K271414	4	Standard: CDN-ME-16	1.515	32	Pass			
KL-11-14									
WH11119966	K271159	1	Blank	<0.005	<1	Pass			
	K271165	1	Standard: CDN-ME-16	1.57	32	Pass			
	K271181	1	Blank	<0.005	<1	Pass			
	K271186	1	Standard ME-16	1.425	30	Pass			
WH11126581	K271197	2	Standard ME-16	1.485	31	Pass			
	K271204	2	Blank	<0.005	<1	Pass			
	K271222	2	Blank	<0.005	<1	Pass			
	K271225	2	Standard ME-16	1.455	31	Pass			
WH11125939	K271234	3	Standard ME-16	1.42	29	Pass			
	K271240	3	Blank	0.005	<1	Pass			
	K271247	3	Blank	<0.005	<1	Pass			
	K271254	3	Standard ME-16	1.455	30	Pass			
WH11126877	K271271	4	Blank	<0.005	<1	Pass	<1		Pass
WH11134885	K271277	4	Standard ME-16	1.34	32	Pass	32		Pass
	K271289	4	Blank	0.006	1	Pass	1		Pass
	K271294	4	Standard PL-2	3.35	416	Pass	445		Pass
WH11130471	K272005	5	Blank	<0.005	<1	Pass			
	K272011	5	Standard PL-2	3.49	447	Pass			
	K272022	5	Blank	<0.005	1	Pass			
	K272030	5	Standard PL-2	3.27	415	Pass			
WH11130472	K272040	6	Blank	<0.005	1	Pass			
	K272044	6	Standard	1.445	31	Pass			

			ME-16						
KL-11-15									
WH11119962	K271610	1	Blank	<0.005	<1	Pass			
	K271624	1	Standard: CDN-ME-16	1.385	31	Pass			
	K271628	1	Standard: CDN-ME-16	1.49	30	Pass			
	K271633	1	Blank	<0.005	<1	Pass			
WH11119963	K271640	2	Blank	0.049	<1	Pass			
	K271643	2	Standard: CDN-ME-16	1.405	31	Pass			
	K271654	2	Blank	0.005	<1	Pass			
	K271659	2	Standard: CDN-ME-16	1.62	31	Pass			
KL-11-16									
WH11126582	K271675	1	STANDARD CDN-ME-16	1.53	29	Pass			
	K271684	1	BLANK	<0.005	<1	Pass			
	K271692	1	STANDARD CDN-ME-16	1.485	30	Pass			
	K271703	1	BLANK	<0.005	<1	Pass			
WH11126878	K271707	2	BLANK	0.005	1	Pass			
WH11134889	K271717	2	STANDARD CDN-ME-16	1.815	28	Fail	1.495		Pass
	K271725	2	BLANK	0.018	<1	Pass	preceded by 9.22 g/t Au		
	K271736	2	STANDARD PL-2	3.4	409	Pass	3.21		Pass
WH11130473	K271746	3	BLANK	0.098	3	Pass	<0.005		Pass
WH11237837	K271752	3	STANDARD: CDN-ME-16	1.58	32	Pass	1.6		Pass
	K271762	3	BLANK	<0.005	1	Pass	<0.005		Pass
	K271774	3	STANDARD CDN-ME-16	1.475	32	Pass	NSS		
WH11177041	K269119	4	BLANK	0.007	<1	Pass			
	K269121	4	STANDARD PL-2	3.8	434	Pass			
KL-11-17									
WH11124937	K271423	1	Blank	<0.005	<1	Pass	<0.005	<1	Pass
WH11153597	K271429	1	Standard:	1.545	30	Pass	NSS	31	Pass

			CDN-ME-16						
	K271441	1	Standard: CDN-ME-16	1.17	30	Fail	1.51	28	Pass
	K271448	1	Blank	<0.005	10	Fail?	<0.005	1	Pass
WH11131546	K271461	2	Standard: CDN-ME-16	1.45	31	Pass			
	K271468	2	Standard: CDN-ME-16	1.545	30	Pass			
	K271474	2	Blank	<0.005	<1	Pass			
	K271484	2	Blank	<0.005	<1	Pass			
WH11133032	K271494	3	Standard: PL-2	3.34	420	Pass			
	K271501	3	Blank	<0.005	<1	Pass			
	K271513	3	Blank	<0.005	<1	Pass			
	K271522	3	Standard: CDN-ME-16	1.475	28	Pass			
WH11133033	K271534	4	Blank	<0.005	<1	Pass			
WH11162544	K271545	4	Standard: PL-2	3.31	403	Fail	437		Pass
	K271550	4	Blank	<0.005	1	Pass			
	K271556	4	Standard: PL-2	3.26	407	Fail	438		Pass
KL-11-18									
WH11126382	K271781	1	STANDARD CDN-ME-16	1.385	30	Pass			
	K271787	1	STANDARD CDN-ME-16	1.37	31	Pass			
	K271804	1	BLANK	0.01	<1	Pass			
	K271807	1	BLANK	<0.005	<1	Pass			
WH11126384	K271813	2	BLANK	<0.005	<1	Pass			
	K271822	2	STANDARD CDN-ME-16	1.42	31	Pass			
	K271837	2	Standard CDN-ME-16	1.545	31	Pass			
	K271840	2	Blank	<0.005	<1	Pass			
WH11135378	K271852	3	Blank	0.014	<1	Pass			
	K271858	3	Blank	0.014	<1	Pass			
	K271869	3	Standard PL-2	3.26	430	Pass			
	K271880	3	Standard PL-2	3.29	431	Pass			

KL-11-19									
WH11126583	K272055	1	STD ME-16	1.475	30	Pass			
	K272061	1	Blank	<0.005	<1	Pass			
	K272072	1	STD ME 16	1.385	31	Pass			
	K272078	1	BLANK	<0.005	1	Pass			
WH11131547	K272091	2	STD ME 16	1.31	31	Pass			
	K272101	2	BLANK	<0.005	<1	Pass			
	K272108	2	STD ME 16	1.64	30	Pass			
	K272112	2	BLANK	<0.005	<1	Pass			
WH11126381	K272126	3	STD ME 16	1.61	31	Pass			
	K272136	3	BLANK	<0.005	1	Pass			
	K272147	3	STD PL-2	3.27	417	Pass			
	K272151	3	BLANK	0.014	<1	Pass			
WH11138835	K272163	4	STD PL-2	3.24	428	Pass			
	K272169	4	BLANK	0.017	<1	Pass	* pass with 1% carryover.		
	K272176	4	BLANK	<0.005	<1	Pass			
	K272188	4	STD PL-2	3.22	446	Pass			
WH11138836	K272196	5	STD ME-16	1.18	29	Fail	1.43		Pass
WH11163514	K272199	5	BLANK	<0.005	<1	Pass	<0.005		Pass
KL-11-20									
WH11133148	K272206	1	STD ME 16	1.42	31	Pass			
	K272212	1	BLANK	<0.005	<1	Pass			
	K272218	1	STD ME 16	1.54	29	Pass			
	K272229	1	BLANK	<0.005	<1	Pass			
WH11126383	K272242	2	STD ME 16	1.415	32	Pass			
	K272248	2	BLANK	<0.005	<1	Pass			
	K272256	2	BLANK	<0.005	1	Pass			
	K272266	2	STD ME 16	1.68	32	Pass			
WH11138834	K272277	3	BLANK	<0.005	<1	Pass			
	K272283	3	STD ME 16	1.545	31	Pass			
	K272297	3	STD ME 16	1.37	30	Pass			
	K272301	3	BLANK	0.006	<1	Pass			
WH11141032	K272314	4	STD PL-2	3.24	416	Pass			
	K272318	4	BLANK	<0.005	1	Pass			
	K272325	4	BLANK	0.01	1	Pass			
	K272330	4	STD PL-2	3.24	417	Pass			
WH11141977	K272350	5	BLANK	<0.005	<1	Pass			
	K272358	5	STD PL-2	3.29	415	Pass			
	K272364	5	STD PL-2	3.28	431	Pass			
	K272368	5	BLANK	<0.005	<1	Pass			

WH11141978	K272386	6	STD ME 16	1.55	30	Pass			
	K272390	6	BLANK	<0.005	<1				
KL-11-21									
WH11141031	K271586	1	Standard: CDN-ME-16	1.36	30	Pass			
	K271593	1	Blank	0.005	1	Pass			
	K270001	1	Standard: CDN-ME-16	1.475	30	Pass			
	K270013	1	Blank	0.005	1	Pass			
WH11141975	K270023	2	Standard: CDN-ME-16	1.445	30	Pass			
	K270039	2	Standard: CDN-ME-16	1.51	32	Pass			
	K270044	2	Blank	<0.005	1	Pass			
	K270050	2	Blank	<0.005	1	Pass			
WH11145064	K270056	3	Standard: CDN-ME-16	1.45	35	Fail	33		Pass
WH11197131	K270063	3	Blank	0.008	<1	Pass	<1		Pass
	K270070	3	Stardard: CDN-ME-16	1.48	29	Pass	30		Pass
	K270078	3	Blank	<0.005	<1	Pass	<1		Pass
WH11147615	K270092	4	Standard: CDN-ME-16	1.51	31	Pass			
KL-11-22									
WH11138833	K272404	1	Blank	<0.005	1	Pass			
	K272410	1	STD CDN-ME-16	1.39	31	Pass			
	K272421	1	Blank	<0.005	<1	Pass			
	K272429	1	STD CDN-ME-16	1.585	32	Pass			
KL-11-23									
WH11139399	K272441	1	Blank	<0.005	<1	Pass			
	K272450	1	ME-16 standard	1.335	30	Pass			
	K272459	1	Blank	<0.005	<1	Pass			
	K272465	1	ME-16 standard	1.305	30	Pass			
WH11141030	K272480	2	Blank	<0.005	<1	Pass			
	K272485	2	ME-16 standard	1.45	29	Pass			

KL-11-24									
WH11147704	K272497	1	STANDARD: CDN-ME-16	1.485	31	Pass			
	K272500	1	BLANK	<0.005	<1	Pass			
	K272507	1	BLANK	<0.005	<1	Pass			
	K272519	1	STANDARD: CDN-ME-16	1.345	30	Pass			
WH11147705	K272532	2	BLANK	0.005	<1	Pass			
KL-11-25									
WH11141976	K271901	1	Blank	<0.005	1	Pass	<1		Pass
WH11197132	K271904		Standard CDN-ME-16	1.465	25	Fail	33		Pass
	K271911	1	Standard PL-2	3.31	431	Pass	436		Pass
	K271916		Blank	0.008	1	Pass	<1		Pass
WH11143578	K271931	2	Blank	<0.005	1	Pass			
	K271934	2	Standard CDN-ME-16	1.455	32	Pass			
	K271937	2	Blank	0.006	2	Pass			
	K271955	2	Standard PL-2	3.32	421	Pass			
WH11150079	K271959	3	Blank	<0.005	<1	Pass			
	K271969	3	Standard CDN-ME-16	1.46	32	Pass			
	K271977	3	Blank	<0.005	1	Pass			
	K971991	3	Standard CDN-ME-16	1.41	32	Pass			
KL-11-26									
WH11147708	K269505	1	Standard CDN-ME-16	1.485	33	Pass			
	K269518	1	Standard CDN-ME-16	1.435	30	Pass			
	K269521	1	Blank	0.005	1	Pass			
	K269525	1	Blank	<0.005	<1	Pass			
WH11147706	K269534	2	Standard PL-2	3.17	424	Pass			
	K269537		Blank	<0.005	<1	Pass			
	K269546	2	Blank	<0.005	1	Pass			
	K269559	2	Standard PL-2	3.21	423	Pass			
WH11147618	K269571	3	Standard CDN-ME-16	1.345	31	Pass			

	K269579	3	Blank	<0.005	1	Pass			
	K269583	3	Standard CDN-ME-16	1.85	31	Pass			
	K269588	3	Blank	<0.005	<1	Pass			
KL-11-27									
WH11150140	K269603	1	Standard CDN-ME-16	1.43	30	Pass			
	K269610	1	Blank	0.006	1	Pass			
	K269615	1	Blank	<0.005	1	Pass			
	K269620	1	Standard CDN-ME-16	1.46	30	Pass			
WH11149961	K269636	2	Standard PL-2	3.36	429	Pass	421		Pass
WH11223824	K269645	2	Blank	<0.005	<1	Pass	<1		Pass
	K269652	2	Blank	0.006	<1	Pass	<1		Pass
	K269664	2	Standard PL-2	3.34	406	Pass	408		Pass
WH11152741	K269671	3	Standard CDN-ME-16	1.48	30	Pass			
	K269677	3	Blank	0.019	1	Pass			
	K269680	3	Standard CDN-ME-16	1.49	30	Pass			
	K269685	3	Blank	<0.005	<1	Pass			
WH11152740	K269704	4	Blank	<0.005	1	Pass			
	K269716	4	Standard PL-2	3.39	442	Pass			
	K269720	4	Blank	0.014	1	Pass			
	K269731	4	Standard PL-2	3.23	433	Pass			
WH11153698	K269741	5	Blank	<0.005	<1	Pass	<0.005		Pass
WH11197133	K269743	5	Standard CDN-ME-16	1.145	32	Fail	1.52		Pass
KL-11-28									
WH11149962	K272962	1	Blank	<0.005	1	Pass	<0.005		Pass
WH11221457	K272969	1	STD CDN-ME-16	1.715	30	Fail	1.59		Pass
	K272977	1	Blank	0.007	1	Pass	<0.005		Pass
K272983	K272984	1	STD CDN-ME-16	1.395	31	Pass	1.595		Pass
WH11152742	K272998	2	STD CDN-ME-16	1.465	31	Pass			
	K863003	2	BLANK	<0.005	1	Pass			

	K863011	2	STD CDN-ME-16	1.35	32	Pass			
	K863016	2	BLANK	<0.005	<1	Pass			
WH11153697	K863028	3	BLANK	<0.005	<1	Pass			
	K863044	3	STD CDN-ME-16	1.45	30	Pass			
	K863051	3	Blank	<0.005	<1	Pass			
	K863057	3	STD CDN-ME-16	1.4	30	Pass			
WH11160255	K863064	4	BLANK	<0.005	<1	Pass			
	K863070	4	STD CDN-ME-16	1.45	30	Pass			
	K863079	4	STD CDN-ME-16	1.45	30	Pass			
	K863085	4	BLANK	0.009	<1	Pass			
KL-11-29									
WH11147617	K270111	1	Blank	<0.005	2	Pass			
	K270116	1	Blank	0.006	1	Pass			
	K270122	1	Standard: CDN-ME-16	1.5	32	Pass			
	K270131	1	Standard: CDN-ME-16	1.405	29	Pass			
WH11147616	K270138	2	Blank	<0.005	<1	Pass			
	K270143	2	Standard: CDN-ME-16	1.4	31	Pass			
KL-11-30									
WH11149965	K270154	1	Standard: CDN-ME-16	1.36	32	Pass	1.42		Pass
WH11221458	K270161	1	Standard: CDN-ME-16	1.445	31	Pass	1.595		Pass
	K270166	1	Blank	0.009	<1	Pass	<0.005		Pass
	K270171	1	Blank	0.011	<1	Pass	<0.005		Pass
KL-11-31									
WH11152729	K270186	1	BLANK	<0.005	<1	Pass			
	K270190	1	BLANK	<0.005	<1	Pass			
	K270196	1	STD ME 16	1.635	29	Pass			
	K270208	1	STD ME 16	1.505	29	Pass			
WH11156763	K270225	2	STD ME 16	1.44	31	Pass			
	K270232	2	BLANK	<0.005	<1	Pass			
	K270239	2	BLANK	<0.005	<1	Pass			
	K270244	2	STD ME 16	1.51	28	Pass			

WH11164767	K270259	3	STD ME 16	1.33	32	Pass			
	K270264	3	BLANK	<0.005	<1	Pass			
	K270275	3	BLANK	<0.005	<1	Pass			
	K270280	3	STD PL 2	3.16	426	Pass			
WH11160253	K270294	4	STD PL 2	3.35	426	Pass	3.34		Pass
WH11181292	K270299	4	BLANK	0.011	<1	Pass	<0.005		Pass
	K270306	4	STD PL-2	2.55	416	Fail	3.32		Pass
	K270314	4	BLANK	<0.005	<1	Pass	<0.005		Pass
WH11164763	K270330	5	STD ME 16	1.485	32	Pass			
	K270338	5	BLANK	<0.005	<1	Pass			
	K270344	5	STD ME 16	1.435	33	Pass			
	K270350	5	BLANK	<0.005	<1	Pass			
WH11168981	K270365	6	STD ME 16	1.44	30	Pass			
	K270372	6	BLANK	<0.005	<1	Pass			
KL-11-32									
WH11158341	K269755	1	Standard CDN-ME-16	1.54	37	Fail	29		Pass
WH11197134	K269762	1	Standard CDN-ME-16	1.48	32	Pass	29		Pass
	K269768	1	Blank	<0.005	<1	Pass	<1		
	K269776	1	Blank	<0.005	<1	Pass	<1		
WH11168980	K269784	2	Blank	<0.005	2	Fail	<1	1	Pass
WH11201695	K269794	2	Standard PL-2	3.35	408	Fail	406	416	Pass
WH11229849	K269799	2	Blank	<0.005	1	Pass	1	<1	Pass
	K269805	2	Standard CDN-ME-16	1.53	32	Pass	30	30	Pass
WH11168982	K269823	3	Standard CDN-ME-16	1.43	30	Pass			
	K269829	3	Standard CDN-ME-16	1.50	29	Pass			
	K269838	3	Blank	<0.005	<1	Pass			
	K269847	3	Blank	<0.005	<1	Pass			
WH11167809	K269860	4	Standard CDN-ME-16	1.38	31	Pass			
	K269871	4	Blank	<0.005	<1	Pass			
	K269880	4	Standard CDN-ME-16	1.37	31	Pass			
	K269887	4	Blank	<0.005	1	Pass			
KL-11-33									
WH11158343	K272693	1	STANDARD:	1.37	31	Pass			

			CDN-ME-16						
	K272700	1	BLANK	<0.005	<1	Pass			
	K272714	1	STANDARD: CDN-ME-16	1.48	30	Pass			
	K272720	1	BLANK	<0.005	<1	Pass			
WH11156764	K272723	2	BLANK	<0.005	<1	Pass			
	K272736	2	STANDARD: CDN-ME-16	1.435	31	Pass			
	K272743	2	BLANK	<0.005	1	Pass			
	K272750	2	STANDARD: CDN-ME-16	1.56	31	Pass			
WH11158342	K272763	3	STANDARD: CDN-ME-16	1.23	35	Fail	1.52	30	Pass
WH11197135									
KL-11-34									
WH11167808	K863104	1	STD CDN ME 16	1.48	33	Pass			
	K863110	1	BLANK	<1	<1	Pass			
	K863124	1	STD CDN ME 16	1.45	31	Pass			
	K863131	1	BLANK	<0.005	1	Pass			
WH11168984	K863141	2	BLANK	<0.005	<1	Pass			
	K863146	2	BLANK	<0.005	<1	Pass			
	K863150	2	STD PL-2	3.34	415	Pass			
	K973008	2	STD CDN ME-16	1.38	32	Pass			
WH11172177	K973026	3	STD CDN PL-2	3.35	418	Pass	437		Pass
WH11208353	K973033	3	BLANK	<0.005	1	Pass	<1		Pass
	K973039	3	STD CDN PL-2	3.42	406	Fail	421		Pass
	K973054	3	BLANK	<0.005	<1	Pass	<1		Pass
WH11175442	K973062	4	STD CDN ME-16	1.56	31	Pass			
	K973070	4	BLANK	<0.005	<1	Pass			
	K973073	4	BLANK	<0.005	<1	Pass			
	K973079	4	STD CDN ME-16	<0.005	<1	Pass			
KL-11-35									
WH11160257	K272776	1	STANDARD: CDN-ME-16	1.765	33	Fail	NSS	1.505	Pass
WH11197136	K272785	1	BLANK	<0.005	<1	Pass	0.006	<0.005	Pass

WH11230740	K272789	1	BLANK	<0.005	<1	Pass	<0.005	<0.005	Pass
	K272800	1	STANDARD: CDN-ME-16	1.46	31	Pass	1.41	3.35	Pass
WH11160256	K272814	2	BLANK	<0.005	<1	Pass			
	K272825	2	STANDARD: CDN-ME-16	1.5	30	Pass			
	K272828	2	BLANK	<0.005	<1	Pass			
	K272837	2	STANDARD: CDN-ME-16	1.5	32	Pass			
WH11158340	K272847	3	BLANK	<0.005	<1	Pass	<1		Pass
WH11197137	K272855	3	STANDARD: CDN-ME-16	1.315	42	Fail	34		Pass
	K272859	3	BLANK	<0.005	1	Pass	<1		Pass
	K272871	3	STANDARD: CDN-ME-16	1.415	31	Pass	31		Pass
WH11177334	K272877	4	STANDARD: CDN-ME-16	1.57	31	Pass			
	K272891	4	STANDARD: CDN-ME-16	1.37	32	Pass			
	K272895	4	BLANK	<0.005	<1	Pass			
	K272908	4	BLANK	<0.005	<1	Pass			
KL-11-36									
WH11172176	K269898	1	Blank	0.005	<1	Pass			
	K269904	1	Standard CDN-ME-16	1.595	32	Pass			
	K269911	1	Standard CDN-ME-16	1.375	31	Pass			
	K269915	1	Blank	<0.005	<1	Pass			
WH11171055	K269932	2	Blank	<0.005	<1	Pass			
	K269936	2	Blank	<0.005	<1	Pass			
	K269943	2	Standard PL-2	1.495	31	Pass			
	K269955	2	Standard CDN-ME-16	1.615	29	Pass			
WH11175446	K269968	3	Standard PL-2	3.37	417	Pass			
	K269973	3	Blank	<0.005	<1	Pass			
	K269981	3	Blank	<0.005	<1	Pass			
	K269987	3	Standard CDN-ME-16	1.49	30	Pass			
WH11175449	K863151	4	Standard PL-2	3.36	449	Pass	422		Pass
WH11223822	K863158	4	Blank	<0.005	<1	Pass	1		
	K863163	4	Blank	<0.005	<1	Pass	1		

	K863168	4	Standard CDN-ME-16	1.28	36	Fail	31		Pass
WH11175448	K863186	5	Standard CDN-ME-16	1.365	32	Pass			
KL-11-37									
WH11164766	K272915	1	STANDARD: CDN-ME-16	1.535	30	Pass			
	K272923	1	BLANK	<0.005	<1	Pass			
	K272926	1	BLANK	<0.005	<1	Pass			
	K272937	1	STANDARD: CDN-ME-16	1.33	30	Pass			
WH11168988	K272948	2	BLANK	0.007	<1	Pass			
	K972506	2	BLANK	<0.005	<1	Pass			
	K972516	2	STANDARD: CDN-ME-16	1.445	31	Pass			
	K972522	2	STANDARD: CDN-ME-16	1.47	31	Pass			
KL-11-38									
WH11164768	K270385	1	STD ME 16	1.12	31	Fail	1.385		Pass
WH11181293	K270391	1	BLANK	<0.005	1	Pass	<0.005		Pass
	K270397	1	STD PL 2	3.25	412	Pass	3.26		Pass
	K270404	1	BLANK	<0.005	1	Pass	<0.005		Pass
WH11164765	K270420	2	STD ME16	1.44	31	Pass			
	K270425	2	BLANK	<0.005	1	Pass			
	K270436	2	BLANK	<0.005	<1	Pass			
	K270442	2	STD ME16	1.37	31	Pass			
WH11164764	K270457	3	STD ME 16	1.52	30	Pass			
	K270462	3	BLANK	<0.005	<1	Pass			
KL-11-39									
WH11168985	K972531	1	STANDARD: CDN-ME-16	1.69	29	Pass			
	K972537	1	BLANK	<0.005	<1	Pass			
	K972556	1	STANDARD: CDN-ME-16	1.565	30	Pass			
	K972563	1	BLANK	<0.005	<1	Pass			
WH11168983	K972573	2	STANDARD: CDN-ME-16	1.375	30	Pass			
	K972581	2	BLANK	<0.005	<1	Pass			

	K972587	2	BLANK	<0.005	<1	Pass			
	K972600	2	STANDARD: CDN-ME-16	1.53	31	Pass			
WH11168989	K972608	3	STANDARD: CDN-ME-16	1.62	30	Pass			
	K972615	3	BLANK	<0.005	1	Pass			
	K972619	3	BLANK	<0.005	<1	Pass			
	K972633	3	STANDARD: CDN-ME-16	1.38	30	Pass			
KL-11-40									
WH11175447	K973089	1	STD CDN ME-16	1.485	31	Pass			
	K973095	1	BLANK	<0.005	<1	Pass			
	K973102	1	STD CDN ME-16	1.355	31	Pass			
	K973114	1	BLANK	<0.005	<1	Pass			
WH11175443	K973122	2	BLANK	<0.005	<1	Pass			
	K973129	2	STD CDN ME-16	1.445	30	Pass			
	K973135	2	BLANK	<0.005	<1	Pass			
	K973142	2	STD CDN ME-16	1.495	29	Pass			
WH11176534	K973163	3	STD CDN ME-16	1.51	31	Pass			
	K973169	3	BLANK	<0.005	<1	Pass			
	K973176	3	BLANK	0.012	1	Pass			
	K973183	3	STD CDN ME-16	1.53	30	Pass			
WH11177336	K973198	4	STD CDN ME-16	1.47	32	Pass			
	K973205	4	STD CDN ME-16	1.575	31	Pass			
	K973210	4	BLANK	0.005	<1	Pass			
	K973218	4	BLANK	<0.005	<1	Pass			
KL-11-41									
WH11177339	K863194	1	Standard CDN-ME-16	1.51	29	Pass			
	K863201	1	Standard CDN-ME-16	1.535	30	Pass			
	K863204	1	Blank	<0.005	<1	Pass			

	K863216	1	Blank	<0.005	<1	Pass			
WH11177291	K863228	2	Blank	<0.005	<1	Pass			
	K863233	2	Standard CDN-ME-16	1.585	33	Pass			
	K863240	2	Blank	<1	<1	Pass			
	K863258	2	Standard CDN-ME-16	1.52	31	Pass			
WH11180091	K863265	3	Blank	<0.005	1	Pass			
	K863275	3	Blank	<0.005	1	Pass			
	K863283	3	Standard CDN-ME-16	1.66	30	Pass			
	K863295	3	Standard CDN-ME-16	1.415	31	Pass			
WH11177099	K863304	4	Standard CDN-ME-16	1.26	31	Fail	1.415	1.62	Pass
WH11234283	K863319	4	Blank	<0.005	<1	Pass	<0.005	<0.005	Pass
WH11254547	K863322	4	Standard CDN-ME-16	1.275	31	Pass	1.83	1.515	Pass
	K863327	4	Blank	<0.005	<1	Pass	<0.005	<0.005	Pass
WH11182220	K863344	5	Blank	<0.005	<1	Pass			
	K863347	5	Blank	<0.005	<1	Pass			
	K972003	5	Standard CDN-ME-16	1.46	29	Pass			
	K972017	5	Standard CDN-ME-16	1.495	29	Pass			
WH11182224	K972024	6	Standard CDN-ME-16	1.575	30	Pass			
	K972032	6	Blank	<0.005	<1	Pass			
	K972046	6	Blank	0.006	<1	Pass			
	K972052	6	Standard CDN-ME-16	1.465	31	Pass			
WH11182226	K972058	7	Standard CDN-ME-16	1.48	30	Pass			
KL-11-42									
WH11182223	K972685	1	Standard PL-2	3.25	421	Pass			
	K972688	1	Blank	<0.005	<1	Pass			
	K972695	1	Standard CDN-ME-16	3.31	427	Pass			
	K972701	1	Blank	<0.005	<1	Pass			
WH11182222	K972716	2	Blank	<0.005	<1	Pass			
WH11230741	K972723	2	Standard PL-2	3.35	412	Pass	K972723 mixed up with K972721 = 2.49		

							kg, 3.35 g/t Au, 412 g/t Ag		
	K972732	2	Blank	<0.005	<1	Pass			
	K972745	2	Standard PL-2	NSS	433	Pass			
WH11184898	K972752	3	Standard CDN-ME-16	1.53	32	Pass	31		Pass
WH11234282	K972775	3	Standard CDN-ME-16	1.425	26	Fail	29		Pass
	K972778	3	Blank	<0.005	<1	Pass	<1		Pass
	K972782	3	Blank	<0.005	<1	Pass	<1		Pass
WH11186301	K972785	4	Blank	<0.005	<1	Pass			
	K972792	4	Standard PL-2	3.22	421	Pass			
	K972797	4	Blank	<0.005	<1	Pass			
	K972804	4	Standard CDN-ME-16	1.465	32	Pass			
KL-11-43									
WH11175444	K270471	1	STD ME 16	1.57	29	Pass			
	K270477	1	BLANK	<0.005	<1	Pass			
	K270484	1	BLANK	<0.005	<1	Pass			
	K270491	1	STD ME 16	1.455	30	Pass			
WH11176533	K269007	2	STD ME 16	1.58	32	Pass			
	K269009	2	BLANK	<0.005	<1	Pass			
	K269018	2	STD PL 2	3.35	437	Pass			
	K269025	2	BLANK	0.006	<1	Pass	Follows 4.0 g/t Au		
WH11177341	K269043	3	BLANK	0.007	<1	Pass	Follows 3.02 g/t Au		Pass
WH11223823	K269049	3	STD PL 2	3.28	403	Fail	419		Pass
	K269057	3	BLANK	<0.005	<1	Pass	<1		Pass
	K269067	3	STD PL 2	3.28	425	Pass	419		Pass
WH11177292	K269079	4	BLANK	<0.005	1	Pass			
	K269086	4	STD ME 16	1.46	32	Pass			
	K269090	4	BLANK	<0.005	1	Pass			
	K269096	4	STD ME 16	1.475	32	Pass			
WH11177095	K269114	5	BLANK	<0.005	<1	Pass			
KL-11-44									
WH11185124	L828719	1	Blank	<0.005	<1	Pass			
	L828726	1	Blank	<0.005	<1	Pass			

	L828735	1	Standard: CDN-ME-16	1.415	31	Pass			
	L828739	1	Standard: CDN-ME-16	1.45	31	Pass			
WH11189662	L828752	2	Blank	<0.005	<1	Pass			
	L828766	2	Standard: CDN-ME-16	1.38	32	Pass			
	L828771	2	Standard: CDN-ME-16	1.47	31	Pass			
	L828776	2	Blank	<0.005	<1	Pass			
WH11188855	L828791	3	Blank	<0.005	<1	Pass			
	L828798	3	Standard: CDN-ME-16	1.49	32	Pass			
	L828802	3	Standard: CDN-ME-16	1.51	30	Pass			
	L828809	3	Blank	<0.005	<1	Pass			
WH11193190	L828825	4	Blank	<0.005	<1	Pass			
	L828831	4	Blank	<0.005	<1	Pass			
	L828837	4	Standard: CDN-ME-16	1.465	29	Pass			
	L828844	4	Standard: CDN-ME-16	1.5	30	Pass			
WH11194142	L828863	5	Blank	<0.005	<1	Pass			
	L828872	5	Blank	<0.005	<1	Pass			
	L828881	5	Standard: CDN-ME-16	1.49	30	Pass			
	L828891	5	Standard: CDN-ME-16	1.525	30	Pass			
WH11195758	L828900	6	Standard: CDN-ME-16	1.53	32	Pass	1.585		Pass
WH11248876	L828911	6	Blank	0.014	1	Pass	<0.005		Pass
WH11261511	L828916	6	Blank	0.005	1	Pass	<0.005		Pass
	L828926	6	Standard: CDN-ME-16	1.625	31	Fail	1.68		Deemed to pass
WH11196875	L828933	7	Blank	<0.005	<1	Pass			
	L828940	7	Standard: CDN-ME-16	1.41	29	Pass			
	L828948	7	Blank	<0.005	<1	Pass			
KL-11-45									
WH11177098	K972348	1	Standard: CDN-ME-16	1.5	29	Pass			
	K972352	1	Blank	<0.005	<1	Pass			
	K972363	1	Standard: CDN-ME-16	1.44	32	Pass			

	K972376	1	Blank	<0.005	<1	Pass			
WH11176279	K972382	2	Blank	<0.005	<1	Pass			
	K972390	2	Standard: CDN-ME-16	1.515	31	Pass			
	K972397	2	Blank	<0.005	<1	Pass			
	K972405	2	Standard: PL-2	3.16	439	Pass			
WH11182227	K972418	3	Standard: CDN-ME-16	1.515	30	Pass			
	K972426	3	Blank	<0.005	<1	Pass			
	K972433	3	Standard: CDN-ME-16	1.45	30	Pass			
	K972447	3	Blank	<0.005	<1	Pass			
WH11185126	K972453	4	Standard: CDN-ME-16	1.635	33	Pass			
	K972461	4	Blank	<0.005	1	Pass			
	K972469	4	Blank	<0.005	1	Pass			
KL-11-46									
WH11185128	K973369	1	Standard: CDN-ME-16	1.335	32	Pass			
	K973379	1	Blank	<0.005	<1	Pass			
	K973388	1	Standard ME-16	1.515	30	Pass			
	K973396	1	Blank	<0.005	<1	Pass			
WH11185125	K973401	2	Blank	0.006	<1	Pass			
	K973406	2	Standard ME-16	1.3	32	Pass			
	K973415	2	Blank	0.005	<1	Pass			
	K973428	2	Standard ME-16	1.54	32	Pass			
WH11189661	K973438	3	Blank	<0.005	1	Pass			
	K973443	3	Standard ME-16	1.675	31	Pass			
	K973449	3	Standard ME-16	1.305	31	Pass			
	K973465	3	Blank	<0.005	<1	Pass			
WH11189663	K973478	4	Standard ME-16	1.435	31	Pass			
	K973486	4	Standard ME-16	1.47	33	Pass			
	K973499	4	Blank	<0.005	<1	Pass			
	K974003	4	Blank	<0.005	<1	Pass			
WH11188856	K974011	5	Blank	<0.005	1	Pass	<1		Pass

WH11246362	K974017	5	Standard PL-2	3.48	472	Fail	428		Pass
	K974024	5	Blank	<0.005	1	Pass	<1		Pass
	K974028	5	Standard PL-2	3.14	429	Pass	426		Pass
WH11192499	K269150	6	Blank	<0.005	<1	Pass			
	K269158	6	Blank	<0.005	<1	Pass			
	K269163	6	Standard ME-16	1.44	30	Pass			
	K269175	6	Standard ME-16	1.41	31	Pass			
WH11192498	K269186	7	Standard ME-16	1.57	32	Pass			
KL-11-47									
WH11188837	K974158	1	Standard ME-16	1.315	29	Pass			
	K974166	1	Blank	<0.005	<1	Pass			
	K974170	1	Standard PL-2	3.37	419	Pass			
	K974186	1	Blank	0.005	<1	Pass			
WH11188857	K974196	2	Blank	<0.005	<1	Pass			
	K972903	2	Blank	<0.005	<1	Pass			
	K972915	2	Standard ME-16	1.42	30	Pass			
	K972924	2	Standard PL-2	3.35	443	Pass			
WH11188859	K972932	3	Blank	<0.005	<1	Pass			
	K972945	3	Blank	<0.005	<1	Pass			
	K972951	3	Standard ME-16	1.575	31	Pass			
	K972959	3	PL-2	3.34	429	Pass			
WH11193196	K972967	4	Standard ME-16	1.4	32	Pass			
	K972982	4	Blank	<0.005	<1	Pass			
	K972986	4	Blank	1.535	31	Pass			
	K972991	4	Blank	<0.005	<1	Pass			
KL-11-48									
WH1117338	K972483	1	Standard: CDN-ME-16	1.45	31	Pass	1.475		Pass
WH11230742	K972490	1	Blank	<0.005	<1	Pass	<0.005		Pass
	K972500	1	Blank	<0.005	<1	Pass	0.007		Pass
	L828513	1	Standard:	NSS	433	Fail	3.44		Pass

			CDN-ME-16						
WH11177097	L828521	2	Standard: CDN-ME-16	1.465	32	Pass			
	L828526	2	Standard: CDN-ME-16	1.51	32	Pass			
	L828532	2	Blank	<0.005	<1	Pass			
	L828539	2	Blank	<0.005	<1	Pass			
WH11184899	L828555	3	Blank	<0.005	<1	Pass	1		Pass
WH11184899	L828564	3	Standard: PL-2	3.27	436	Pass	445		Pass
	L828568	3	Standard: CDN-ME-16	1.59	25	Fail	28		Pass
	L828577	3	Blank	<0.005	<1	Pass	<1		Pass
WH11184897	L828589	4	Blank	<0.005	<1	Pass			
	L828593	4	Standard; CDN-ME-16	1.56	31	Pass			
KL-11-49									
WH11171054	K863498	1	Blank	<0.005	<1	Pass			
	K863503	1	Blank	<0.005	<1	Pass			
	K863506	1	Standard: CDN-ME-16	1.635	30	Pass			
	K863517	1	Standard: CDN-ME-16	1.635	31	Pass			
WH11177096	K863529	2	Standard: CDN-ME-16	1.69	30	Pass			
WH11232156	K863536	2	Blank	<0.005	<1	Pass			
	K863548	2	Standard: CDN-ME-16	1.32	31	Pass			
	K972254	2	Blank	<0.005	<1	Pass			
WH11180090	K972271	3	Standard: CDN-ME-16	1.495	32	Pass	1.45		Pass
WH11227644	K972274	3	Blank	<0.005	<1	Pass	<0.005		Pass
	K972279	3	Blank	<0.005	<1	Pass	<0.005		Pass
	K972296	3	Standard: CDN-ME-16	1.06	29	Fail	1.53		Pass
WH11176278	K972304	4	Standard: CDN-ME-16	1.54	30	Pass			
	K972317	4	Standard: CDN-ME-16	1.5	31	Pass			
	K972319	4	Blank	<0.005	<1	Pass			
	K972324	4	Blank	<0.005	<1	Pass			
WH11182221	K972338	5	Blank	<0.005	1	Pass			

KL-11-50									
WH11188838	K269353		Standard ME-16	1.505	33	Pass	1.505		Pass
WH11240724	K269358	1	Blank	<0.005	<1	Pass	<0.005		Pass
K269369*	K269370	1	Blank	0.009	1	Pass-sample K269369 is K269370	0.013		Pass
	K269373	1	Standard ME-16	1.41	32	Pass	1.56		Pass
WH11189665	K269388	2	Blank	<0.005	<1	Pass			
	K269397	2	Standard PL-2	3.28	422	Pass			
	K269408	2	Blank	0.01	<1	Pass			
	K269414	2	Standard ME-16	1.585	30	Pass			
WH11193194	K269420	3	Standard ME-16	1.405	33	Pass			
	K269426	3	Blank	<0.005	<1	Pass			
	K269440	3	Blank	<0.005	<1	Pass			
	K269447	3	Standard ME-16	1.455	30	Pass			
WH11193190	K269460	4	Blank	<0.005	<1	Pass			
	K269466	4	Standard ME-16	1.32	30	Pass			
	K269477	4	Standard ME-16	1.42	30	Pass			
	K269486	4	Blank	<0.005	<1	Pass			
WH11193198	K973602	5	Blank	<0.005	<1	Pass			
	K973608	5	Standard ME-16	1.515	31	Pass			
KL-11-51									
WH11185127	K973226	1	Standard ME-16	1.605	31	Pass			
	K973232	1	Blank	<0.005	<1	Pass			
	K973240	1	Blank	<0.005	1	Pass			
	K973244	1	Standard ME-16	1.59	33	Pass			
WH11186305	K973263	2	Blank	<0.005	<1	Pass			
	K973268	2	Standard ME-16	1.435	31	Pass			
	K973276	2	Blank	<0.005	<1	Pass			
	K973283	2	Standard	1.385	32	Pass			

			ME-16						
WH11185217	K973297	3	Standard ME-16	1.43	32	Pass			
	K973300	3	Blank	<0.005	<1	Pass			
	K973310	3	Standard ME-16	1.51	30	Pass			
	K973320	3	Blank	0.005	<1	Pass			
WH11188836	K973336	4	Standard ME-16	1.43	32	Pass	1.77	1.355	Pass
WH11238864	K973342	4	Blank	<0.005	1	Pass	<0.005	<0.005	Pass
WH11263281	K973345	4	Blank	1.705	30	Fail	1.445	1.5	Pass
	K973353	4	Blank	<0.005	1	Pass	<0.005	<0.005	Pass
KL-11-52									
WH11177335	K972070	1	STANDARD CDN ME-16	1.525	32	Pass			
	K972086	1	BLANK	<0.005	<1	Pass			
	K972091	1	STANDARD CDN ME-16	1.395	29	Pass			
	K972098	1	BLANK	<0.005	1	Pass			
WH11177049	K972105	2	BLANK	<0.005	<1	Pass			
	K972116	2	STANDARD CDN ME-16	1.3	30	Pass			
	K972126	2	STANDARD CDN ME-16	1.42	30	Pass			
	K972133	2	BLANK	<0.005	<1	Pass			
WH11177333	K972145	3	BLANK	<0.005	<1	Pass			
	K972152	3	STANDARD PL-2	3.29	441	Pass			
	K972158	3	BLANK	<0.005	<1	Pass			
	K972170	3	STANDARD PL-2	3.18	427	Pass			
WH11177340	K972181	4	BLANK	<0.005	<1	Pass			
	K972187	4	STANDARD PL-2	3.38	433	Pass			
	K972198	4	BLANK	<0.005	<1	Pass			
	K972208	4	STANDARD PL-2	3.33	420	Pass			
WH11176277	K972219	5	BLANK	<0.005	<1	Pass			
	K972231	5	STANDARD CDN ME-16	1.34	28	Pass			
	K972236	5	BLANK	0.007	<1	Pass	* follows 0.081.		
	K972241	5	STANDARD CDN ME-16	1.32	34	Pass			

WH11182228	K972638	6	BLANK	0.006	<1	Pass			
	K972645	6	STANDARD ME-16	1.58	30	Pass			
	K972652	6	BLANK	<0.005	<1	Pass			
	K972668	6	STANDARD PL-2	3.54	413	Pass			
WH11182225	K972674	7	STANDARD ME-16	1.54	31	Pass			
KL-11-53									
WH11198581	L828600	1	Standard: CDN-ME-16	1.32	32	Pass			
	L828615	1	Standard: CDN-ME-16	1.415	29	Pass			
	L828619	1	Blank	<0.005	1	Pass			
	L828624	1	Blank	<0.005	1	Pass			
WH11198509	L828635	2	Blank	<0.005	<1	Pass			
	L828653	2	Standard: CDN-ME-16	1.53	30	Pass			
	L828657	2	Blank	<0.005	<1	Pass			
	L828661	2	Standard: CDN-ME-16	1.485	32	Pass			
WH11198501	L828671	3	Blank	<0.005	<1	Pass			
	L828675	3	Standard: CDN-ME-16	1.49	31	Pass			
	L828693	3	Blank	<0.005	1	Pass			
	L828703	3	Standard: PL-2	3.43	433	Pass			
KL-11-54									
WH11171467	K863355	1	Standard: ME-16	1.565	31	Pass			
	K863366	1	Standard: ME-16	1.625	31	Pass			
	K863368	1	Blank	<0.005	<1	Pass			
	K863373	1	Blank	<0.005	<1	Pass			
WH11171057	K863395	2	Blank	0.005	<1	Pass			
	K863402	2	Standard: ME-16	1.5	29	Pass			
	K863410	2	Blank	<0.005	<1	Pass			
	K863422	2	Standard: ME-16	1.49	31	Pass			
WH11175445	K863427	3	Standard: ME-16	1.06	33	Fail	1.755	1.62	Pass
WH11257950	K863432	3	Blank	<0.005	<1	Pass	<0.005	<0.005	Pass

WH12002739	K863447	3	Standard: ME-16	1.455	33	Pass	1.58	1.505	Pass
	K863453	3	Blank	<0.005	<1	Pass	<0.005	<0.005	Pass
WH11175441	K863461	4	Standard: ME-16	1.9	30	Fail	1.43		Pass
WH12001849	K863471	4	Blank	<0.005	<1	Pass	<0.005		Pass
	K863480	4	Blank	<0.005	<1	Pass	<0.005		Pass
	K863488	4	Standard: ME-16	1.465	31	Pass	1.415		Pass
KL-11-55									
WH11193191	L829264	1	Standard: CDN-ME-16	1.52	30	Pass			
	L829271	1	Blank	<0.005	<1	Pass			
	L829276	1	Blank	<0.005	1	Pass			
	L829283	1	Standard: PL-2	3.37	411	Pass			
WH11194140	L829298	2	Blank	<0.005	<1	Pass	<0.005	<1	Pass
WH11243279	L829304	2	Standard: CDN-ME-16	1.09	23	Fail	1.46	30	Pass
	L829312	2	Blank	<0.005	<1	Pass	<0.005	<1	Pass
	L829324	2	Standard: CDN-ME-16	1.41	30	Pass	1.46	31	Pass
WH11196872	L829336	3	Standard: CDN-ME-16	1.445	32	Pass			
	L829345	3	Blank	<0.005	<1	Pass			
	L829363	3	Standard: CDN-ME-16	1.475	30	Pass			
	L829366	3	Blank	<0.005	<1	Pass			
WH11196871	L829371	4	Blank	<0.005	<1	Pass			
	L829381	4	Standard: CDN-ME-16	1.295	29	Pass			
	L829401	4	Standard: PL-2	3.25	423	Pass			
WH11198195	L829407	5	Blank	<0.005	<1	Pass			
	L829415	5	Blank	<0.005	1	Pass			
	L829423	5	Standard: PL-2	3.36	417	Pass			
	L829436	5	Standard: PL-2	3.24	417	Pass			
WH11198197	L829445	6	Blank	<0.005	<1	Pass			
	L829455	6	Standard: CDN-ME-16	1.525	32	Pass			
	L829463	6	Standard: CDN-ME-16	1.365	31	Pass			

	L829469	6	Blank	<0.005	<1	Pass			
WH11198583	L829483	7	Standard: CDN-ME-16	1.44	31	Pass			
	L829488	7	Blank	<0.005	1	Pass			
	L829491	7	Blank	<0.005	1	Pass			
KL-11-56									
WH11185120	K269194	1	BLANK	<0.005	<1	Pass			
	K269202	1	STANDARD CDN ME-16	1.4	31	Pass			
	K269211	1	STANDARD CDN ME-16	1.445	31	Pass			
	K269217	1	BLANK	<0.005	1	Pass			
WH11185121	K269232	2	BLANK	<0.005	<1	Pass			
	K269239	2	STANDARD ME-16	1.54	33	Pass			
	K269245	2	STANDARD ME 16	1.535	31	Pass			
	K269248	2	BLANK	0.014	<1	Pass	Follows 11.8 g/t gold.		
WH11186302	K269267	3	Standard: CDN-ME-16	1.4	31	Pass			
	K269287	3	Blank	<0.005	<1	Pass			
	K269291	3	Standard: CDN-ME-16	1.38	32	Pass			
	K269297	3	Blank	<0.005	<1	Pass			
WH11185216	K269306	4	Standard: CDN-ME-16	1.51	35	Fail	31		Pass
WH11240725	K269311	4	Blank	<0.005	<1	Pass	<1		Pass
	K269317	4	Blank	<0.005	<1	Pass	<1		Pass
	K269326	4	Standard: CDN-ME-16	1.485	28	Pass	30		Pass
WH11186303	K269339	5	Blank	<0.005	<1	Pass			
	K269344	5	Standard: CDN-ME-16	1.485	31	Pass			
KL-11-57									
WH11196873	L828002	1	Blank	<0.005	1	Pass			
	L828008	1	Standard: CDN-ME-16	1.395	31	Pass			
	L828015	1	Blank	<0.005	1	Pass			
	L828030	1	Standard: CDN-ME-16	1.555	31	Pass			
WH11198198	L828036	2	Blank	<0.005	<1	Pass			

	L828043	2	Standard: CDN-ME-16	1.43	30	Pass			
	L828051	2	Standard: CDN-ME-16	1.475	32	Pass			
	L828065	2	Blank	0.007	<1	Pass			
WH11198580	L828076	3	Blank	<0.005	<1	Pass			
	L828091	3	Blank	<0.005	<1	Pass			
	L828096	3	Standard: CDN-ME-16	1.51	30	Pass			
	L828104	3	Standard: CDN-ME-16	1.645	30	Pass			
KL-11-58									
WH11186304	L828964	1	Blank	<0.005	<1	Pass			
	L828980	1	Standard: CDN-ME-16	1.415	31	Pass			
	L828985	1	Blank	<0.005	<1	Pass			
	L828992	1	Standard: CDN-ME-16	1.53	32	Pass			
WH11196874	K972852	2	Blank	<0.005	<1	Pass			
	K972863	2	Blank	<0.005	<1	Pass			
	K972868	2	Standard: CDN-ME-16	1.62	31	Pass			
	K972880	2	Standard: CDN-ME-16	1.485	33	Pass			
WH11198505	K972889	3	Standard: CDN-ME-16	1.665	29	Pass			
	K972896	3	Blank	<0.005	<1	Pass			
	L829005	3	Standard: CDN-ME-16	1.435	32	Pass			
	L829010	3	Blank	<0.005	<1	Pass			
WH11198502	L829020	4	Blank	0.005	<1	Pass			
	L829031	4	Blank	<0.005	<1	Pass			
	L829040	4	Standard: PL-2	3.43	431	Pass			
	L829048	4	Blank	0.011	<1	Pass			
WH11198507	L829061	5	Blank	<0.005	1	Pass	<1		Pass
WH11247467	L829068	5	Standard: PL-2	3.36	393	Fail	425		Pass
	L829080	5	Blank	<0.005	<1	Pass	<1		Pass
	L829088	5	Standard: PL-2	3.25	413	Pass	421		Pass
WH11198212	L829092	6	Standard: CDN-ME-16	1.66	32	Pass			

KL-11-59									
WH11198196	L829098	1	Standard: CDN-ME-16	1.41	29	Pass			
	L829105	1	Blank	<0.005	<1	Pass			
	L829111	1	Blank	0.006	<1	Pass			
	L829123	1	Standard: CDN-ME-16	1.34	32	Pass			
WH11198503	L829135	2	Blank	<0.005	<1	Pass	<1		Pass
WH11246640	L829141	2	Standard: CDN-ME-16	1.35	31	Pass	32		Pass
	L829147	2	Standard: PL-2	3.21	406	Fail	431		Pass
	L829157	2	Blank	<0.005	<1	Pass	<1		Pass
WH11198504	L829170	3	Blank	<0.005	<1	Pass			
	L829176	3	Standard: PL-2	3.13	455	Pass			
	L829185	3	Blank	<0.005	<1	Pass			
	L829190	3	Standard: PL-2	3.26	442	Pass			
WH11198506	L829206	4	Blank	<0.005	<1	Pass			
	L829215	4	Blank	<0.005	<1	Pass			
	L829219	4	Standard: CDN-ME-16	1.47	34	Pass			
	L829229	4	Standard: CDN-ME-16	1.455	31	Pass			
WH11198585	L829239	5	Standard: CDN-ME-16	1.375	31	Pass			
	L829248	5	Blank	<0.005	<1	Pass			
	L829257	5	Standard: CDN-ME-16	1.525	31	Pass			
KL-11-60									
WH11194143	K976187	1	Blank	<0.005	<1	Pass			
	K976200	1	Standard: PL-2	3.32	429	Pass			
	K976209	1	Standard: CDN-ME-16	1.51	30	Pass			
	K976215	1	Blank	<0.005	<1	Pass			
WH11195756	K976223	2	Blank	<0.005	<1	Pass			
	K976231	2	Blank	<0.005	<1	Pass			
	K976238	2	Standard: PL-2	3.32	417	Pass			
	K976252	2	Standard: CDN-ME-16	1.505	32	Pass			
WH11196876	K976257	3	Blank	<0.005	<1	Pass			

	K976260	3	Blank	<0.005	<1	Pass			
K976265	K976266	3	Standard: CDN-ME-16	1.655	31	Pass			
	K976273	3	Standard: PL-2	3.12	415	Pass			
WH11196878	K976294	4	Standard: CDN-ME-16	1.625	30	Pass			
	K976299	4	Blank	<0.005	<1	Pass			
	K976314	4	Standard: CDN-ME-16	1.41	31	Pass			
	K976320	4	Blank	<0.005	1	Pass			
WH11198211	K976329	5	Blank	<0.005	<1	Pass			
	K976338	5	Blank	0.01	<1	Pass			
	K976345	5	Standard: PL-2	3.32	426	Pass			
	K976354	5	Standard: CDN-ME-16	1.41	34	Pass			
WH11198194	K976368	6	Standard: CDN-ME-16	1.49	30	Pass			
	K976379	6	Blank	<0.005	<1	Pass			
	K976390	6	Standard: CDN-ME-16	1.43	30	Pass			
	K976396	6	Blank	<0.005	<1	Pass			
WH11198193	K972994	7	Blank	<1	<1	Pass			
	K972999	7	Standard: CDN-ME-16	1.55	31	Pass			
KL-11-61									
WH11193192	K972819	1	Blank	<0.005	<1	Pass			
	K972824	1	Blank	<0.005	<1	Pass			
	K972830	1	Standard: CDN-ME-16	1.52	30	Pass			
	K972843	1	Standard: CDN-ME-16	1.48	30	Pass			
WH11193328	K976003	2	Blank	0.007	1	Pass			
	K976008	2	Standard: CDN-ME16	1.54	31	Pass			
	K976025	2	Standard: CDN-ME-16	1.59	30	Pass			
	K976033	2	Blank	<0.005	<1	Pass			
WH11195759	K976038	3	Blank	<0.005	<1	Pass			
	K976051	3	Blank	<0.005	<1	Pass			
	K976057	3	Standard: PL-2	3.44	408	Pass			
	K976067	3	Standard:	3.28	422	Pass			

			PL-2						
WH11195757	K976075	4	Standard: PL-2	2.8	418	Fail	3.31		Pass
WH11246361	K976084	4	Blank	<0.005	<1	Pass	<0.005		
	K976097	4	Standard: PL-2	3.25	411	Pass	3.3		Pass
	K976103	4	Blank	<0.005	<1	Pass	<0.005		
WH11198210	K976115	5	Blank	<0.005	<1	Pass			
	K976120	5	Standard: PL-2	1.395	423	Pass			
	K976132	5	Blank	0.01	<1	Pass	*follows 8.76		
	K976139	5	Standard: PL-2	1.555	426	Pass			
WH11198199	K976151	6	Blank	<0.005	<1	Pass	<0.005	<1	
WH11246360	K976163	6	Standard: CDN-ME-16	1.145	32	Fail	1.555	30	Pass
	K976172	6	Blank	<0.005	<1	Pass	<0.005	<1	
	K976179	6	Standard: CDN-ME-16	1.185	35	Fail	1.48	30	Pass
KL-11-62									
WH11189664	K973621	1	Blank	<0.005	1	Pass			
	K973628	1	Standard ME-16	1.33	33	Pass			
	K973632	1	Standard PL-2	3.41	419	Pass			
	K973641	1	Blank	0.008	<1	Pass			
WH11189666	K973655	2	Standard ME-16	1.555	30	Pass			
	K973661	2	Blank	<0.005	<1	Pass			
	K973668	2	Standard ME-16	1.39	31	Pass			
	K973673	2	Blank	<0.005	<1	Pass			
WH11189872	K973691	3	Standard ME-16	1.54	31	Pass			
	K973698	3	Blank	0.006	1	Pass			
	K973711	3	Blank	0.006	<1	Pass			
	K973718	3	Standard ME-16	1.425	31	Pass			
WH11196877	K973726	4	Blank	<0.005	<1	Pass			
	K973731	4	Standard ME-16	1.57	33	Pass			

	K973738	4	Blank	<0.005	<1	Pass			
	K973750	4	Standard ME-16	1.5	30	Pass			
WH11198508	K973760	5	Blank	<0.005	1	Pass			
	K973767	5	Standard ME-16	1.495	33	Pass			
	K973773	5	Blank	<0.005	1	Pass			
	K973783	5	Standard ME-16	1.55	30	Pass			
WH11198582	K973799	6	Standard ME-16	1.435	30	Pass			
	K973805	6	Standard ME-16	1.69	32	Pass			
	K973809	6	Blank	<0.005	1	Pass			
	K973817	6	Blank	<0.005	<1	Pass			
KL-11-63									
WH11188854	K973824	1	Blank	<0.005	<1	Pass			
	K973836	1	Standard ME-16	1.57	32	Pass			
	K973843	1	Blank	<0.005	<1	Pass			
	K973846	1	Standard ME-16	1.385	28	Pass			
WH11188858	K973860	2	Blank	<0.005	<1	Pass			
	K973865	2	Standard ME-16	1.485	34	Pass			
	K973874	2	Standard ME-16	1.375	32	Pass			
WH11193193	K973893	3	Blank	<0.005	<1	Pass	<0.005		Pass
WH11248879	K973901	3	Standard ME-16	1.48	30	Pass	1.31		Pass
*K973904	K973903	3	Blank	0.005	<1	Pass	<0.005		Pass
	K973922	3	Standard ME-16	NSS	32	Fail	1.51		Pass
WH11193195	K973933	4	Blank	<0.005	<1	Pass			
	K973944	4	Standard ME-16	1.565	30	Pass			
	K973950	4	Standard ME-16	1.395	30	Pass			
	K973956	4	Blank	<0.005	<1	Pass			
WH11193197	K973967	5	Standard ME-16	1.475	30	Pass			
	K973972	5	Blank	<0.005	<1	Pass			
	K973982	5	Standard ME-16	1.535	32	Pass			

	K973989	5	Blank	<0.005	<1	Pass			
WH11193329	K974058	6	Blank	<0.005	<1	Pass			
	K974063	6	Standard PL-2	3.25	409	Pass			
	K974070	6	Standard PL-2	3.28	418	Pass			
	K974082	6	Blank	<0.005	<1	Pass			
WH11194141	K974092	7	Blank	<0.005	<1	Pass			
	K974108	7	Standard PL-2	3.22	442	Pass			
	K974119	7	Standard ME-16	1.455	29	Pass			
WH11196870	K974126	8	Blank	<0.005	<1	Pass			
	K974130	8	Standard ME-16	1.52	28	Pass			
	K974136	8	Standard ME-16	1.54	33	Pass			
	K974145	8	Blank	<0.005	<1	Pass			